

CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

CPU List

Below is an alphabetical list of all CPU types that appear in the charts. Clicking on a specific processor name will take you to the chart it appears in and will highlight it for you. Results below are for [Single CPU Systems](#) only. For [Multiple CPU Systems](#), results can be found on the CPU Mega List page.

Find CPU

Single CPU Systems

Last updated on the 10th of October 2024

Column

| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Ryzen Threadripper PRO 7995WX</a> | 152,709  | 1                         | 15.27                           | \$9,999.00     |
| <a href="#">AMD Ryzen Threadripper PRO 7985WX</a> | 135,597  | 2                         | 18.45                           | \$7,349.00     |
| <a href="#">AMD Ryzen Threadripper 7980X</a>      | 134,251  | 3                         | 28.55                           | \$4,702.49     |
| <a href="#">AMD EPYC 9684X</a>                    | 120,760  | 4                         | 15.12                           | \$7,987.00*    |
| <a href="#">AMD EPYC 9654</a>                     | 117,179  | 5                         | 24.94                           | \$4,698.95     |
| <a href="#">AMD EPYC 9R14</a>                     | 116,475  | 6                         | NA                              | NA             |
| <a href="#">AMD EPYC 9654P</a>                    | 113,949  | 7                         | 20.91                           | \$5,450.00     |
| <a href="#">AMD EPYC 9554</a>                     | 111,794  | 8                         | 52.00                           | \$2,150.00     |
| <a href="#">AMD EPYC 9554P</a>                    | 110,790  | 9                         | 24.90                           | \$4,450.00     |
| <a href="#">AMD EPYC 9634</a>                     | 107,944  | 10                        | 27.33                           | \$3,950.00*    |
| <a href="#">AMD EPYC 9474E</a>                    | 105,213  | 11                        | 26.64                           | \$3,950.00     |
| <a href="#">AMD EPYC 9704</a>                     |          |                           |                                 | \$7,450.00     |





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|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Ryzen Threadripper 7970X</a>      | 98,088   | 14                        | 42.61                           | \$2,302.20     |
| <a href="#">AMD EPYC 9454P</a>                    | 95,891   | 15                        | 27.79                           | \$3,450.00     |
| <a href="#">AMD Ryzen Threadripper PRO 7975WX</a> | 95,583   | 16                        | 24.51                           | \$3,899.00     |
| <a href="#">AMD EPYC 9454</a>                     | 95,495   | 17                        | 25.47                           | \$3,750.00     |
| <a href="#">AMD EPYC 9534</a>                     | 93,884   | 18                        | 26.83                           | \$3,498.95     |
| <a href="#">AMD Ryzen Threadripper PRO 5995WX</a> | 93,192   | 19                        | 22.73                           | \$4,100.00     |
| <a href="#">Intel Xeon w9-3495X</a>               | 92,481   | 20                        | 15.70                           | \$5,889.00*    |
| <a href="#">AMD EPYC 7773X</a>                    | 91,491   | 21                        | 61.65                           | \$1,484.00     |
| <a href="#">Intel Xeon Platinum 8470 @2.00GHz</a> | 89,850   | 22                        | 9.60                            | \$9,359.00*    |
| <a href="#">Intel Xeon Max 9480</a>               | 87,420   | 23                        | 94.98                           | \$920.40       |
| <a href="#">AMD EPYC 7J13</a>                     | 84,786   | 24                        | NA                              | NA             |
| <a href="#">AMD EPYC 7763</a>                     | 84,193   | 25                        | 56.51                           | \$1,489.95     |
| <a href="#">Intel Xeon Platinum 8592+</a>         | 84,013   | 26                        | 7.24                            | \$11,600.00*   |
| <a href="#">AMD Ryzen Threadripper PRO 3995WX</a> | 83,697   | 27                        | 83.78                           | \$999.00       |
| <a href="#">AMD EPYC 7V13</a>                     | 82,878   | 28                        | NA                              | NA             |
| <a href="#">AMD Ryzen Threadripper 7960X</a>      | 82,699   | 29                        | 55.76                           | \$1,482.99     |
| <a href="#">AMD EPYC 7713</a>                     | 82,666   | 30                        | 52.46                           | \$1,575.90     |
| <a href="#">AMD EPYC 7R13 64-Core</a>             | 82,158   | 31                        | NA                              | NA             |
| <a href="#">AMD EPYC 7663</a>                     | 82,087   | 32                        | NA                              | NA             |
| <a href="#">AMD EPYC 7T83</a>                     | 81,757   | 33                        | NA                              | NA             |
| <a href="#">Intel Xeon w9-3575X</a>               | 81,519   | 34                        | 21.51                           | \$3,789.00*    |
| <a href="#">AMD EPYC 7713P</a>                    | 81,201   | 35                        | 45.11                           | \$1,800.00     |
| <a href="#">AMD Ryzen Threadripper 3990X</a>      | 80,686   | 36                        | 28.71                           | \$2,809.99     |
| <a href="#">AMD Ryzen Threadripper PRO 7965WX</a> | 80,597   | 37                        | 31.62                           | \$2,549.00     |
| <a href="#">AMD EPYC 9374F</a>                    | 79,826   | 38                        | 22.84                           | \$3,495.00     |
| <a href="#">AMD EPYC 7B13</a>                     | 77,460   | 39                        | NA                              | NA             |
| <a href="#">Intel Xeon w7-3565X</a>               | 76,649   | 40                        | 28.50                           | \$2,689.00*    |
| <a href="#">AMD EPYC 9354P</a>                    | 76,605   | 41                        | 30.76                           | \$2,490.00     |
| <a href="#">Intel Xeon 6740E</a>                  | 76,167   | 42                        | 14.47                           | \$5,265.00*    |
| <a href="#">AMD EPYC 7643</a>                     | 76,050   | 43                        | 64.18                           | \$1,185.00     |
| <a href="#">AMD Ryzen Threadripper PRO 5975WX</a> | 75,609   | 44                        | 38.48                           | \$1,965.00     |
| <a href="#">Intel Xeon Platinum 8461V</a>         | 74,982   | 45                        | 16.70                           | \$4,491.00*    |
| <a href="#">AMD EPYC 9274F</a>                    | 73,400   | 46                        | 22.84                           | \$2,550.00     |
| <a href="#">AMD EPYC 7643</a>                     |          |                           |                                 | \$3,999.99*    |

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|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD EPYC 7C13</a>                      | 70,474   | 49                        | NA                              | NA             |
| <a href="#">AMD EPYC 7702</a>                      | 70,107   | 50                        | 50.99                           | \$1,375.00     |
| <a href="#">AMD EPYC 7742</a>                      | 69,663   | 51                        | 41.27                           | \$1,688.00     |
| <a href="#">AMD EPYC 7H12</a>                      | 69,633   | 52                        | 39.98                           | \$1,741.51     |
| <a href="#">AMD EPYC 7573X</a>                     | 69,432   | 53                        | 13.23                           | \$5,250.00     |
| <a href="#">AMD EPYC 75F3</a>                      | 68,505   | 54                        | 15.59                           | \$4,395.10     |
| <a href="#">Intel Xeon Platinum 8571N</a>          | 68,385   | 55                        | NA                              | NA             |
| <a href="#">AMD EPYC 9354</a>                      | 67,842   | 56                        | 23.43                           | \$2,895.00     |
| <a href="#">AMD EPYC 9254</a>                      | 67,343   | 57                        | 33.76                           | \$1,995.00     |
| <a href="#">AMD Ryzen 9 9950X</a>                  | 66,757   | 58                        | 92.72                           | \$719.99       |
| <a href="#">AMD EPYC 7543P</a>                     | 66,687   | 59                        | 44.14                           | \$1,510.80     |
| <a href="#">AMD Ryzen Threadripper PRO 5965WX</a>  | 66,686   | 60                        | 31.77                           | \$2,099.00     |
| <a href="#">AMD EPYC 8434P</a>                     | 66,490   | 61                        | NA                              | NA             |
| <a href="#">AMD EPYC 7B12</a>                      | 66,044   | 62                        | NA                              | NA             |
| <a href="#">Intel Xeon w7-3465X</a>                | 65,618   | 63                        | 22.71                           | \$2,889.00*    |
| <a href="#">Intel Xeon Gold 6530</a>               | 65,533   | 64                        | 30.80                           | \$2,128.00*    |
| <a href="#">Intel Xeon w9-3475X</a>                | 65,034   | 65                        | 16.01                           | \$4,062.07*    |
| <a href="#">AMD EPYC 9334</a>                      | 64,841   | 66                        | 27.59                           | \$2,350.00     |
| <a href="#">AMD EPYC 7R32</a>                      | 64,727   | 67                        | NA                              | NA             |
| <a href="#">AMD EPYC 7702P</a>                     | 63,300   | 68                        | 40.84                           | \$1,549.99     |
| <a href="#">AMD Ryzen Threadripper 3970X</a>       | 63,106   | 69                        | 50.89                           | \$1,239.99     |
| <a href="#">AMD Ryzen 9 7950X</a>                  | 62,733   | 70                        | 121.93                          | \$514.50       |
| <a href="#">AMD Ryzen Threadripper PRO 3975WX</a>  | 62,572   | 71                        | 30.52                           | \$2,050.00     |
| <a href="#">AMD Ryzen 9 7950X3D</a>                | 62,478   | 72                        | 99.97                           | \$625.00       |
| <a href="#">Intel Core i9-14900KS</a>              | 62,460   | 73                        | 97.46                           | \$640.90       |
| <a href="#">Intel Xeon Platinum 8454H</a>          | 62,347   | 74                        | 9.53                            | \$6,540.00*    |
| <a href="#">Intel Xeon Platinum 8380 @ 2.30GHz</a> | 62,318   | 75                        | 8.36                            | \$7,450.00     |
| <a href="#">AMD EPYC 4564P</a>                     | 61,986   | 76                        | NA                              | NA             |
| <a href="#">Intel Core i9-13900KS</a>              | 61,636   | 77                        | 116.30                          | \$529.99       |
| <a href="#">Intel Xeon w7-2575X</a>                | 61,402   | 78                        | 36.35                           | \$1,689.00*    |
| <a href="#">AMD EPYC 7552</a>                      | 61,282   | 79                        | 36.07                           | \$1,699.00*    |
| <a href="#">AMD EPYC 4584PX</a>                    | 60,736   | 80                        | NA                              | NA             |
| <a href="#">AMD EPYC 7472</a>                      | 60,666   | 81                        | 33.33                           | \$2,989.95     |
| <a href="#">Intel Xeon Gold</a>                    |          |                           |                                 | \$3,583.00*    |



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|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i9-14900K</a>                | 60,303   | 84                        | 135.51                          | \$445.00       |
| <a href="#">AMD Ryzen Threadripper PRO 7955WX</a>   | 59,861   | 85                        | NA                              | NA             |
| <a href="#">AMD EPYC 7543</a>                       | 59,750   | 86                        | 15.89                           | \$3,761.00*    |
| <a href="#">Intel Core i9-14900KF</a>               | 59,513   | 87                        | 106.54                          | \$558.60       |
| <a href="#">AMD EPYC 7513</a>                       | 59,285   | 88                        | 37.77                           | \$1,569.64     |
| <a href="#">AMD EPYC 7473X</a>                      | 59,280   | 89                        | NA                              | NA             |
| <a href="#">Intel Core i9-13900K</a>                | 59,081   | 90                        | 142.02                          | \$416.00       |
| <a href="#">Intel Xeon W-3375 @ 2.50GHz</a>         | 59,069   | 91                        | 13.13                           | \$4,499.00*    |
| <a href="#">Intel Xeon W-3365 @ 2.70GHz</a>         | 59,038   | 92                        | 15.33                           | \$3,851.00*    |
| <a href="#">Intel Xeon Gold 6421N</a>               | 58,797   | 93                        | 24.83                           | \$2,368.00*    |
| <a href="#">Intel Core i9-13900KF</a>               | 58,428   | 94                        | 150.72                          | \$387.65       |
| <a href="#">AMD EPYC 7642</a>                       | 58,248   | 95                        | 56.28                           | \$1,034.96     |
| <a href="#">Intel Xeon w7-2495X</a>                 | 58,228   | 96                        | 22.36                           | \$2,603.96*    |
| <a href="#">Intel Xeon Gold 5420+</a>               | 58,209   | 97                        | 31.50                           | \$1,848.00*    |
| <a href="#">AMD EPYC 7K62</a>                       | 58,203   | 98                        | NA                              | NA             |
| <a href="#">AMD Ryzen 9 7945HX3D</a>                | 58,038   | 99                        | NA                              | NA             |
| <a href="#">Ampere ARM - 192 Core 3200 MHz</a>      | 57,444   | 100                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6423N</a>               | 57,434   | 101                       | 26.58                           | \$2,161.00*    |
| <a href="#">ARM Neoverse-V2 72 Core 3465 MHz</a>    | 57,369   | 102                       | NA                              | NA             |
| <a href="#">ARM Neoverse-V2 72 Core 3519 MHz</a>    | 57,240   | 103                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6414U</a>               | 57,200   | 104                       | 24.91                           | \$2,296.00*    |
| <a href="#">Intel Xeon w7-3455</a>                  | 57,164   | 105                       | 22.97                           | \$2,489.00*    |
| <a href="#">AMD EPYC 8324P</a>                      | 57,127   | 106                       | NA                              | NA             |
| <a href="#">AMD EPYC 7443P</a>                      | 57,088   | 107                       | 44.79                           | \$1,274.58     |
| <a href="#">Intel Xeon w5-2565X</a>                 | 56,653   | 108                       | 42.31                           | \$1,339.00*    |
| <a href="#">AMD EPYC 7443</a>                       | 56,601   | 109                       | 25.37                           | \$2,230.99*    |
| <a href="#">Intel Xeon Gold 6442Y</a>               | 56,263   | 110                       | 19.55                           | \$2,878.00*    |
| <a href="#">Intel Xeon Platinum 8375C @ 2.90GHz</a> | 56,202   | 111                       | NA                              | NA             |
| <a href="#">AMD EPYC 9174F</a>                      | 55,485   | 112                       | 24.39                           | \$2,275.00     |
| <a href="#">Intel Xeon w7-2475X</a>                 | 55,249   | 113                       | 30.88                           | \$1,789.00*    |
| <a href="#">AMD Ryzen Threadripper 3960X</a>        | 54,887   | 114                       | 109.79                          | \$499.95       |
| <a href="#">AMD Ryzen 9 7945HX</a>                  | 54,715   | 115                       | NA                              | NA             |
| <a href="#">AMD Ryzen 9 7900X</a>                   | 54,550   | 116                       | 104.07                          | \$439.00       |
| <a href="#">Intel Xeon Plati</a>                    |          |                           |                                 | \$4,398.95     |

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| <a href="#">Intel Core i7-14700K</a>                | 53,262   | 119                       | 150.04                          | \$354.99       |
| <a href="#">Intel Core i7-14700KF</a>               | 53,213   | 120                       | 135.41                          | \$392.99       |
| <a href="#">Intel Xeon Gold 6438N</a>               | 52,789   | 121                       | 15.75                           | \$3,351.00*    |
| <a href="#">AMD EPYC 7532</a>                       | 52,755   | 122                       | 165.92                          | \$317.95       |
| <a href="#">AMD Ryzen 9 7940HX</a>                  | 52,682   | 123                       | NA                              | NA             |
| <a href="#">AMD EPYC 7F72</a>                       | 52,597   | 124                       | 55.87                           | \$941.45       |
| <a href="#">Intel Xeon Gold 5412U</a>               | 52,557   | 125                       | 47.22                           | \$1,113.00*    |
| <a href="#">Intel Xeon Gold 6348 @ 2.60GHz</a>      | 52,276   | 126                       | 25.97                           | \$2,013.00     |
| <a href="#">Intel Xeon w5-2555X</a>                 | 51,912   | 127                       | 48.56                           | \$1,069.00*    |
| <a href="#">AMD Ryzen 9 7900X</a>                   | 51,737   | 128                       | 161.68                          | \$320.00       |
| <a href="#">AMD EPYC 4484PX</a>                     | 51,115   | 129                       | NA                              | NA             |
| <a href="#">Intel Core i9-13900F</a>                | 51,080   | 130                       | 117.42                          | \$435.00       |
| <a href="#">AMD EPYC 7502P</a>                      | 50,667   | 131                       | 39.74                           | \$1,275.00     |
| <a href="#">AMD EPYC 7453</a>                       | 50,575   | 132                       | 34.61                           | \$1,461.48     |
| <a href="#">AMD Ryzen 9 7900X3D</a>                 | 50,376   | 133                       | 83.96                           | \$599.99       |
| <a href="#">AMD EPYC 9184X</a>                      | 50,344   | 134                       | 12.75                           | \$3,950.00     |
| <a href="#">AMD EPYC 7413</a>                       | 50,223   | 135                       | 37.24                           | \$1,348.60     |
| <a href="#">Apple M2 Ultra 24 Core</a>              | 50,199   | 136                       | NA                              | NA             |
| <a href="#">AMD Ryzen Threadripper PRO 5955WX</a>   | 50,096   | 137                       | 45.96                           | \$1,089.99     |
| <a href="#">AMD Ryzen Threadripper PRO 7945WX</a>   | 49,599   | 138                       | NA                              | NA             |
| <a href="#">Intel Xeon Platinum 8347C @ 2.10GHz</a> | 49,386   | 139                       | NA                              | NA             |
| <a href="#">Montage Jintide C5418Y</a>              | 49,045   | 140                       | NA                              | NA             |
| <a href="#">AMD EPYC 7R12</a>                       | 48,934   | 141                       | NA                              | NA             |
| <a href="#">AMD Ryzen 9 7900</a>                    | 48,854   | 142                       | 125.44                          | \$389.46       |
| <a href="#">AMD EPYC 4464P</a>                      | 48,793   | 143                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6314U @ 2.30GHz</a>     | 48,013   | 144                       | 17.26                           | \$2,782.00*    |
| <a href="#">AMD EPYC 7502</a>                       | 47,983   | 145                       | 58.24                           | \$823.92       |
| <a href="#">Intel Core i9-14900</a>                 | 47,917   | 146                       | 77.88                           | \$615.29       |
| <a href="#">AMD Ryzen 9 PRO 7945</a>                | 47,830   | 147                       | NA                              | NA             |
| <a href="#">Intel Core i9-14900F</a>                | 47,650   | 148                       | 86.17                           | \$552.99       |
| <a href="#">Intel Core i9-13980HX</a>               | 47,329   | 149                       | 70.85                           | \$668.00*      |
| <a href="#">Intel Xeon Gold 6342 @ 2.80GHz</a>      | 47,320   | 150                       | 15.78                           | \$2,998.95     |
| <a href="#">Intel Core i9-13900</a>                 | 47,140   | 151                       | 85.40                           | \$551.72       |
| <a href="#">Intel Xeon w7-3</a>                     |          |                           |                                 | \$1,989.00*    |



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|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core Ultra 9 285K</a>             | 46,872   | 154                       | NA                              | NA             |
| <a href="#">Intel Xeon Platinum 8368Q @ 2.60GHz</a> | 46,681   | 155                       | NA                              | NA             |
| <a href="#">Intel Core i7-13700KF</a>               | 46,527   | 156                       | 138.48                          | \$335.97       |
| <a href="#">Intel Core i7-13700K</a>                | 46,456   | 157                       | 158.10                          | \$293.84       |
| <a href="#">Intel Core i7-13790F</a>                | 46,309   | 158                       | 100.89                          | \$458.98       |
| <a href="#">Intel Xeon w5-3435X</a>                 | 46,265   | 159                       | 27.16                           | \$1,703.43*    |
| <a href="#">Intel Xeon Silver 4416+</a>             | 46,208   | 160                       | 39.29                           | \$1,176.00*    |
| <a href="#">AMD EPYC 73F3</a>                       | 46,103   | 161                       | 20.93                           | \$2,203.10     |
| <a href="#">Intel Xeon Gold 6526Y</a>               | 46,025   | 162                       | 30.34                           | \$1,517.00*    |
| <a href="#">AMD EPYC 7402</a>                       | 46,012   | 163                       | 60.49                           | \$760.60       |
| <a href="#">Intel Xeon W-3345 @ 3.00GHz</a>         | 45,694   | 164                       | 18.28                           | \$2,499.00*    |
| <a href="#">Intel Core i9-14900HX</a>               | 45,658   | 165                       | 67.24                           | \$679.00*      |
| <a href="#">AMD Ryzen 9 5950X</a>                   | 45,629   | 166                       | 123.66                          | \$368.99       |
| <a href="#">AMD Ryzen 9 7845HX</a>                  | 45,579   | 167                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6336Y @ 2.40GHz</a>     | 45,517   | 168                       | 23.58                           | \$1,929.95     |
| <a href="#">AMD Ryzen 9 5900XT</a>                  | 45,445   | 169                       | 132.52                          | \$342.94       |
| <a href="#">AMD EPYC 7542</a>                       | 45,003   | 170                       | 93.76                           | \$479.99       |
| <a href="#">AMD EPYC 8224P</a>                      | 44,990   | 171                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6538N</a>               | 44,895   | 172                       | 13.40                           | \$3,351.00*    |
| <a href="#">AMD EPYC 7452</a>                       | 44,759   | 173                       | 31.32                           | \$1,429.21     |
| <a href="#">Intel Xeon Gold 5418Y</a>               | 44,487   | 174                       | 30.00                           | \$1,483.00*    |
| <a href="#">Intel Core i9-13900HX</a>               | 44,191   | 175                       | 66.15                           | \$668.00*      |
| <a href="#">Intel Core i9-13900T</a>                | 44,089   | 176                       | 80.31                           | \$549.00*      |
| <a href="#">AMD EPYC 7402P</a>                      | 44,070   | 177                       | 52.43                           | \$840.58       |
| <a href="#">Intel Core i9-12900KS</a>               | 44,008   | 178                       | 126.10                          | \$349.00       |
| <a href="#">AMD EPYC 9124</a>                       | 43,963   | 179                       | 40.15                           | \$1,095.00     |
| <a href="#">Intel Core i7-14700F</a>                | 43,829   | 180                       | 137.50                          | \$318.77       |
| <a href="#">Intel Core i9-13950HX</a>               | 43,546   | 181                       | 73.81                           | \$590.00*      |
| <a href="#">Intel Core i7-14700</a>                 | 43,388   | 182                       | 131.49                          | \$329.97       |
| <a href="#">AMD EPYC 7343</a>                       | 43,368   | 183                       | 42.22                           | \$1,027.21     |
| <a href="#">ARM Neoverse-N1 128 Core 3000 MHz</a>   | 43,229   | 184                       | NA                              | NA             |
| <a href="#">ARM Neoverse-N1 128 Core 2800 MHz</a>   | 43,111   | 185                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6330 @ 2.80GHz</a>      | 42,950   | 186                       | 45.00                           | \$943.00       |
| <a href="#">AMD EPYC 7D</a>                         |          |                           |                                 | NA             |



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| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon Gold 6312U @ 2.40GHz</a>      | 42,124   | 189                       | 23.28                           | \$1,809.59*    |
| <a href="#">Intel Xeon Gold 6338N @ 2.20GHz</a>      | 42,086   | 190                       | 9.01                            | \$4,671.69*    |
| <a href="#">Intel Xeon w5-2545</a>                   | 41,688   | 191                       | 46.89                           | \$889.00*      |
| <a href="#">AMD EPYC 7313P</a>                       | 41,657   | 192                       | 40.44                           | \$1,029.99     |
| <a href="#">Intel Core i9-12900K</a>                 | 41,481   | 193                       | 151.39                          | \$274.00       |
| <a href="#">Intel Xeon Gold 6354 @ 3.00GHz</a>       | 41,445   | 194                       | 16.59                           | \$2,498.95     |
| <a href="#">Apple M1 Ultra 20 Core</a>               | 41,176   | 195                       | NA                              | NA             |
| <a href="#">Intel Core i9-12900KF</a>                | 41,116   | 196                       | 165.79                          | \$248.00       |
| <a href="#">Intel Xeon W-3275 @ 2.50GHz</a>          | 40,931   | 197                       | 8.36                            | \$4,894.00*    |
| <a href="#">Apple M3 Max 16 Core</a>                 | 40,831   | 198                       | NA                              | NA             |
| <a href="#">Intel Xeon Platinum 8275CL @ 3.00GHz</a> | 40,794   | 199                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6416H</a>                | 40,606   | 200                       | 28.12                           | \$1,444.00*    |
| <a href="#">AMD Ryzen Threadripper PRO 5945WX</a>    | 40,568   | 201                       | NA                              | NA             |
| <a href="#">AMD Ryzen Threadripper PRO 3955WX</a>    | 40,291   | 202                       | 49.74                           | \$810.00       |
| <a href="#">Intel Core i9-14900T</a>                 | 40,277   | 203                       | 73.36                           | \$549.00*      |
| <a href="#">Intel Xeon Gold 6258R @ 2.70GHz</a>      | 40,252   | 204                       | 15.61                           | \$2,578.00     |
| <a href="#">AMD EPYC 7F52</a>                        | 40,251   | 205                       | 23.60                           | \$1,705.52*    |
| <a href="#">AMD EPYC 7352</a>                        | 40,096   | 206                       | 80.36                           | \$498.95       |
| <a href="#">Intel Xeon W-3275M @ 2.50GHz</a>         | 39,834   | 207                       | 5.34                            | \$7,453.00*    |
| <a href="#">Intel Core i5-14600KF</a>                | 39,310   | 208                       | 171.66                          | \$229.00       |
| <a href="#">Intel Xeon W-3335 @ 3.40GHz</a>          | 39,293   | 209                       | 30.25                           | \$1,299.00*    |
| <a href="#">AMD Ryzen 9 5900X</a>                    | 39,122   | 210                       | 181.97                          | \$214.99       |
| <a href="#">Intel Core i5-14600K</a>                 | 39,113   | 211                       | 152.20                          | \$256.99       |
| <a href="#">AMD EPYC 7313</a>                        | 39,091   | 212                       | 43.12                           | \$906.58       |
| <a href="#">Intel Core i7-13700F</a>                 | 38,877   | 213                       | 126.64                          | \$306.99       |
| <a href="#">AMD Ryzen 9 3950X</a>                    | 38,757   | 214                       | 121.12                          | \$319.99       |
| <a href="#">Intel Xeon Platinum 8180 @ 2.50GHz</a>   | 38,259   | 215                       | 10.20                           | \$3,750.00     |
| <a href="#">Intel Xeon Gold 6426Y</a>                | 38,159   | 216                       | 25.15                           | \$1,517.00*    |
| <a href="#">AMD EPYC 7551P</a>                       | 38,126   | 217                       | 190.68                          | \$199.95       |
| <a href="#">Intel Core i7-13850HX</a>                | 38,045   | 218                       | 88.89                           | \$428.00*      |
| <a href="#">Intel Core i5-13600K</a>                 | 37,952   | 219                       | 174.09                          | \$218.00       |
| <a href="#">Intel Xeon w5-2455X</a>                  | 37,857   | 220                       | 33.19                           | \$1,140.49*    |
| <a href="#">Intel Core i5-13600KF</a>                | 37,840   | 221                       | 180.30                          | \$202.89       |
| <a href="#">Intel Xeon Gold</a>                      |          |                           |                                 | \$1,495.00     |



## CPU Benchmarks

| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon Gold 6238R @ 2.20GHz</a>      | 37,511   | 224                       | 27.87                           | \$1,346.00     |
| <a href="#">AMD Ryzen 7 9700X</a>                    | 37,395   | 225                       | 112.82                          | \$331.47       |
| <a href="#">Intel Core i7-14700HX</a>                | 37,256   | 226                       | 75.26                           | \$495.00*      |
| <a href="#">Intel Xeon W-3175X @ 3.10GHz</a>         | 37,167   | 227                       | 12.23                           | \$3,039.28*    |
| <a href="#">Intel Core i7-13700</a>                  | 37,037   | 228                       | 109.10                          | \$339.49       |
| <a href="#">Intel Xeon w5-3425</a>                   | 36,801   | 229                       | 30.95                           | \$1,189.00*    |
| <a href="#">Intel Core i7-14650HX</a>                | 36,668   | 230                       | 74.08                           | \$495.00*      |
| <a href="#">Apple M3 Max 14 Core</a>                 | 36,499   | 231                       | NA                              | NA             |
| <a href="#">AMD EPYC 8124P</a>                       | 36,470   | 232                       | NA                              | NA             |
| <a href="#">Intel Core i9-12900F</a>                 | 36,408   | 233                       | 119.28                          | \$305.23       |
| <a href="#">Intel Xeon Gold 6330N @ 2.20GHz</a>      | 36,360   | 234                       | 18.46                           | \$1,969.95     |
| <a href="#">Intel Xeon Gold 6248R @ 3.00GHz</a>      | 36,186   | 235                       | 22.16                           | \$1,633.00     |
| <a href="#">AMD EPYC 4364P</a>                       | 36,124   | 236                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 7700X</a>                    | 36,016   | 237                       | 147.60                          | \$244.00       |
| <a href="#">Intel Xeon Gold 5416S</a>                | 35,976   | 238                       | 38.11                           | \$944.00*      |
| <a href="#">Intel Xeon Platinum 8273CL @ 2.20GHz</a> | 35,769   | 239                       | NA                              | NA             |
| <a href="#">AMD Ryzen AI 9 HX 370</a>                | 35,699   | 240                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6326 @ 2.90GHz</a>       | 35,270   | 241                       | 23.93                           | \$1,473.78     |
| <a href="#">Intel Core i9-12900TE</a>                | 35,057   | 242                       | 64.44                           | \$544.00*      |
| <a href="#">Intel Core i5-14600</a>                  | 35,017   | 243                       | 137.32                          | \$255.00*      |
| <a href="#">Intel Xeon w5-3433</a>                   | 34,849   | 244                       | NA                              | NA             |
| <a href="#">Intel Core i7-13700E</a>                 | 34,728   | 245                       | 89.05                           | \$390.00*      |
| <a href="#">AMD Ryzen 7 PRO 7745</a>                 | 34,652   | 246                       | NA                              | NA             |
| <a href="#">ARM Neoverse-N1 80 Core 3000 MHz</a>     | 34,639   | 247                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 7700</a>                     | 34,615   | 248                       | 123.63                          | \$280.00       |
| <a href="#">Intel Core i7-12700K</a>                 | 34,604   | 249                       | 84.61                           | \$409.00*      |
| <a href="#">AMD Ryzen 9 PRO 5945</a>                 | 34,573   | 250                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6268CL @ 2.80GHz</a>     | 34,558   | 251                       | NA                              | NA             |
| <a href="#">Intel Xeon Platinum 8268 @ 2.90GHz</a>   | 34,483   | 252                       | 5.74                            | \$6,005.98*    |
| <a href="#">AMD EPYC 4344P</a>                       | 34,474   | 253                       | 92.92                           | \$370.99*      |
| <a href="#">AMD Ryzen 9 5900</a>                     | 34,400   | 254                       | NA                              | NA             |
| <a href="#">Intel Core i7-12700KE</a>                | 34,344   | 255                       | 173.46                          | \$197.99       |
| <a href="#">Intel Core i9-12900</a>                  | 34,333   | 256                       | 88.45                           | \$427.81       |
| <a href="#">Intel Xeon Gold</a>                      |          |                           |                                 | \$1,998.95     |



## CPU Benchmarks



| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon Silver 4510</a>              | 34,170   | 259                       | 60.69                           | \$563.00*      |
| <a href="#">AMD EPYC 7601</a>                       | 34,079   | 260                       | 103.29                          | \$329.95       |
| <a href="#">Intel Core i9-12900HX</a>               | 34,066   | 261                       | 56.22                           | \$606.00*      |
| <a href="#">Intel Core i9-13900E</a>                | 34,049   | 262                       | 61.46                           | \$554.00*      |
| <a href="#">Intel Xeon Platinum 8260M @ 2.30GHz</a> | 33,970   | 263                       | 4.41                            | \$7,705.00*    |
| <a href="#">Intel Xeon Gold 6338 @ 2.00GHz</a>      | 33,814   | 264                       | 21.13                           | \$1,599.99     |
| <a href="#">Intel Xeon W-3265M @ 2.70GHz</a>        | 33,800   | 265                       | 5.32                            | \$6,353.00*    |
| <a href="#">Intel Xeon D-2799 @ 2.40GHz</a>         | 33,792   | 266                       | 17.48                           | \$1,933.00*    |
| <a href="#">Intel Xeon Gold 6230R @ 2.10GHz</a>     | 33,724   | 267                       | 30.89                           | \$1,091.73     |
| <a href="#">Intel Core i7-13700HX</a>               | 33,619   | 268                       | 69.32                           | \$485.00*      |
| <a href="#">AMD Ryzen Threadripper PRO 3945WX</a>   | 33,535   | 269                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6240R @ 2.40GHz</a>     | 33,353   | 270                       | 18.60                           | \$1,792.86     |
| <a href="#">Intel Xeon Gold 5318Y @ 2.10GHz</a>     | 33,283   | 271                       | 26.02                           | \$1,279.27     |
| <a href="#">AMD EPYC 7302</a>                       | 33,106   | 272                       | 42.07                           | \$786.96       |
| <a href="#">Intel Xeon Platinum 8168 @ 2.70GHz</a>  | 33,099   | 273                       | 22.08                           | \$1,498.95     |
| <a href="#">Intel Xeon Gold 6278C @ 2.60GHz</a>     | 32,835   | 274                       | NA                              | NA             |
| <a href="#">Intel Xeon Platinum 8280 @ 2.70GHz</a>  | 32,781   | 275                       | 8.20                            | \$4,000.00     |
| <a href="#">Intel Core i9-10980XE @ 3.00GHz</a>     | 32,776   | 276                       | 40.22                           | \$815.00       |
| <a href="#">Intel Xeon Gold 5220R @ 2.20GHz</a>     | 32,765   | 277                       | 30.97                           | \$1,058.00     |
| <a href="#">AMD Ryzen 9 3900XT</a>                  | 32,675   | 278                       | 136.72                          | \$239.00       |
| <a href="#">AMD Ryzen 7 7745HX</a>                  | 32,657   | 279                       | NA                              | NA             |
| <a href="#">AMD EPYC 7302P</a>                      | 32,626   | 280                       | 40.83                           | \$799.00       |
| <a href="#">AMD Ryzen 9 3900X</a>                   | 32,624   | 281                       | 155.36                          | \$209.99       |
| <a href="#">Intel Core i5-14500</a>                 | 32,386   | 282                       | 134.95                          | \$239.99       |
| <a href="#">Intel Core i9-12950HX</a>               | 32,329   | 283                       | 54.79                           | \$590.00*      |
| <a href="#">Intel Core i5-13600</a>                 | 32,148   | 284                       | 126.07                          | \$255.00*      |
| <a href="#">Intel Xeon w5-2445</a>                  | 32,143   | 285                       | 38.31                           | \$839.00*      |
| <a href="#">Intel Core i7-12800HX</a>               | 32,137   | 286                       | 70.32                           | \$457.00*      |
| <a href="#">AMD Ryzen Threadripper 2990WX</a>       | 32,109   | 287                       | 11.90                           | \$2,698.95     |
| <a href="#">Intel Core i7-14700T</a>                | 32,050   | 288                       | 83.46                           | \$384.00*      |
| <a href="#">Intel Core i9-9980XE @ 3.00GHz</a>      | 31,979   | 289                       | 45.69                           | \$699.97       |
| <a href="#">AMD Ryzen 7 PRO 8700G</a>               | 31,897   | 290                       | NA                              | NA             |
| <a href="#">Intel Core i5-13500</a>                 | 31,882   | 291                       | 122.82                          | \$243.97       |
| <a href="#">AMD Ryzen 7 5700G</a>                   | 31,877   | 292                       | 100.00                          | \$279.00       |

 CPU Benchmarks 

| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Ryzen 9 PRO 3900</a>                 | 31,616   | 294                       | NA                              | NA             |
| <a href="#">Intel Core i9-13900HK</a>                | 31,590   | 295                       | 45.32                           | \$697.00*      |
| <a href="#">Intel Xeon Gold 6254 @ 3.10GHz</a>       | 31,513   | 296                       | 21.02                           | \$1,498.95     |
| <a href="#">Intel Core i7-13650HX</a>                | 31,423   | 297                       | 64.79                           | \$485.00*      |
| <a href="#">AMD Ryzen 9 PRO 8945HS</a>               | 31,398   | 298                       | NA                              | NA             |
| <a href="#">Intel Xeon Silver 4316 @ 2.30GHz</a>     | 31,341   | 299                       | 31.28                           | \$1,001.83     |
| <a href="#">Intel Xeon Platinum 8259CL @ 2.50GHz</a> | 31,142   | 300                       | NA                              | NA             |
| <a href="#">AMD EPYC 7371</a>                        | 31,094   | 301                       | 50.97                           | \$609.99*      |
| <a href="#">AMD Ryzen 7 8700F</a>                    | 31,009   | 302                       | 126.57                          | \$244.99       |
| <a href="#">Intel Xeon W-3245 @ 3.20GHz</a>          | 30,871   | 303                       | 11.50                           | \$2,683.99*    |
| <a href="#">AMD Ryzen 9 3900</a>                     | 30,803   | 304                       | 61.11                           | \$504.05*      |
| <a href="#">AMD Ryzen 9 8945H</a>                    | 30,800   | 305                       | NA                              | NA             |
| <a href="#">Intel Core i7-12700</a>                  | 30,800   | 306                       | 117.83                          | \$261.40       |
| <a href="#">Intel Xeon W-2295 @ 3.00GHz</a>          | 30,712   | 307                       | 19.59                           | \$1,567.67     |
| <a href="#">Intel Core i7-12850HX</a>                | 30,684   | 308                       | 71.69                           | \$428.00*      |
| <a href="#">Intel Core i7-12700F</a>                 | 30,682   | 309                       | 123.22                          | \$248.99       |
| <a href="#">AMD Ryzen Threadripper 2970WX</a>        | 30,653   | 310                       | 25.21                           | \$1,216.03*    |
| <a href="#">Intel Xeon Platinum 8171M @ 2.60GHz</a>  | 30,632   | 311                       | NA                              | NA             |
| <a href="#">Intel Core i5-13500HX</a>                | 30,550   | 312                       | 93.71                           | \$326.00*      |
| <a href="#">AMD EPYC Embedded 7292P</a>              | 30,542   | 313                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6246R @ 3.40GHz</a>      | 30,468   | 314                       | 19.48                           | \$1,564.00     |
| <a href="#">AMD Ryzen 9 7940HS</a>                   | 30,373   | 315                       | NA                              | NA             |
| <a href="#">Intel Xeon Platinum 8260 @ 2.40GHz</a>   | 30,347   | 316                       | 14.79                           | \$2,051.94     |
| <a href="#">Intel Core i9-9960X @ 3.10GHz</a>        | 30,254   | 317                       | 64.51                           | \$468.99       |
| <a href="#">AMD Ryzen 7 PRO 8700GE</a>               | 30,199   | 318                       | NA                              | NA             |
| <a href="#">Intel Core i9-9990XE @ 4.00GHz</a>       | 30,162   | 319                       | 13.94                           | \$2,163.00*    |
| <a href="#">AMD EPYC 7282</a>                        | 30,128   | 320                       | 182.65                          | \$164.95       |
| <a href="#">Intel Xeon W-3265 @ 2.70GHz</a>          | 30,105   | 321                       | 6.61                            | \$4,551.37*    |
| <a href="#">Intel Core i9-13905H</a>                 | 30,072   | 322                       | 43.15                           | \$697.00*      |
| <a href="#">Intel Core i9-12900T</a>                 | 30,056   | 323                       | 61.46                           | \$489.00*      |
| <a href="#">Intel Core i9-7980XE @ 2.60GHz</a>       | 30,048   | 324                       | 30.89                           | \$972.75       |
| <a href="#">AMD Ryzen 5 9600X</a>                    | 30,021   | 325                       | 107.60                          | \$279.00       |
| <a href="#">Intel Xeon Platinum 8270 @ 2.70GHz</a>   | 30,000   | 326                       | 7.00                            | \$4,098.95     |
| <a href="#">Intel Xeon Gold</a>                      |          |                           |                                 | \$489.00       |



CPU Benchmarks



| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i7-12800HE</a>               | 29,805   | 329                       | 58.90                           | \$506.00*      |
| <a href="#">Intel Xeon E-2488</a>                   | 29,487   | 330                       | 48.66                           | \$606.00*      |
| <a href="#">Intel Core Ultra 9 185H</a>             | 29,423   | 331                       | NA                              | NA             |
| <a href="#">AMD Ryzen Threadripper 2950X</a>        | 29,422   | 332                       | 34.35                           | \$856.62*      |
| <a href="#">Intel Core i7-12700E</a>                | 29,384   | 333                       | 85.42                           | \$344.00*      |
| <a href="#">AMD Ryzen 9 8945HS</a>                  | 29,349   | 334                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 5318H @ 2.50GHz</a>     | 29,301   | 335                       | 23.02                           | \$1,273.00*    |
| <a href="#">AMD Ryzen 7 8745H</a>                   | 29,171   | 336                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 8845HS</a>              | 29,037   | 337                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6148 @ 2.40GHz</a>      | 29,009   | 338                       | 97.02                           | \$299.00       |
| <a href="#">Intel Xeon Silver 4314 @ 2.40GHz</a>    | 28,954   | 339                       | 38.96                           | \$743.13       |
| <a href="#">Intel Xeon Gold 6210U @ 2.50GHz</a>     | 28,915   | 340                       | 24.27                           | \$1,191.27     |
| <a href="#">AMD Ryzen 7 7840HS</a>                  | 28,907   | 341                       | NA                              | NA             |
| <a href="#">Intel Xeon Silver 4410T</a>             | 28,859   | 342                       | 46.25                           | \$624.00*      |
| <a href="#">AMD Ryzen AI 9 365</a>                  | 28,858   | 343                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 8845HS</a>                  | 28,839   | 344                       | NA                              | NA             |
| <a href="#">Intel Core i9-7960X @ 2.80GHz</a>       | 28,836   | 345                       | 57.79                           | \$499.00       |
| <a href="#">Intel Xeon Platinum 8160 @ 2.10GHz</a>  | 28,825   | 346                       | 18.03                           | \$1,598.95     |
| <a href="#">Intel Core i9-13900H</a>                | 28,773   | 347                       | 46.63                           | \$617.00*      |
| <a href="#">AMD Ryzen 9 7940H</a>                   | 28,716   | 348                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6238 @ 2.10GHz</a>      | 28,668   | 349                       | 38.23                           | \$749.95       |
| <a href="#">Intel Core i5-14490F</a>                | 28,662   | 350                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6154 @ 3.00GHz</a>      | 28,632   | 351                       | 26.05                           | \$1,098.95     |
| <a href="#">AMD EPYC 7303</a>                       | 28,572   | 352                       | 47.30                           | \$604.00*      |
| <a href="#">Intel Xeon Gold 6253CL @ 3.10GHz</a>    | 28,549   | 353                       | NA                              | NA             |
| <a href="#">AMD EPYC 7401P</a>                      | 28,546   | 354                       | 11.42                           | \$2,499.96     |
| <a href="#">AMD Ryzen 5 7600X</a>                   | 28,465   | 355                       | 142.33                          | \$199.99       |
| <a href="#">Intel Xeon D-2795NT @ 2.00GHz</a>       | 28,463   | 356                       | 12.77                           | \$2,228.00*    |
| <a href="#">AMD Ryzen 7 7840H</a>                   | 28,373   | 357                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6240 @ 2.60GHz</a>      | 28,369   | 358                       | 43.30                           | \$655.15       |
| <a href="#">AMD Ryzen 7 5800X3D</a>                 | 28,296   | 359                       | 63.02                           | \$449.00       |
| <a href="#">Intel Xeon Platinum 8252C @ 3.80GHz</a> | 28,147   | 360                       | NA                              | NA             |
| <a href="#">AMD Ryzen 9 PRO 7945HS</a>              | 28,122   | 361                       | NA                              | NA             |
| <a href="#">Intel Xeon w5-3</a>                     |          |                           |                                 | \$1,189.00*    |



## CPU Benchmarks



| CPU Name                                   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <u>ARM Neoverse-N1 64 Core 0 MHz</u>       | 28,064   | 364                       | NA                              | NA             |
| <u>Intel Core i5-13500E</u>                | 28,036   | 365                       | 119.30                          | \$235.00*      |
| <u>Intel Xeon Platinum 8173M @ 2.00GHz</u> | 28,025   | 366                       | NA                              | NA             |
| <u>Intel Xeon W-2195 @ 2.30GHz</u>         | 27,978   | 367                       | 14.10                           | \$1,983.82*    |
| <u>Intel Core i9-9940X @ 3.30GHz</u>       | 27,975   | 368                       | 29.17                           | \$959.00       |
| <u>Intel Core i9-12900H</u>                | 27,974   | 369                       | 45.34                           | \$617.00*      |
| <u>Intel Core i9-10940X @ 3.30GHz</u>      | 27,907   | 370                       | 38.76                           | \$720.00       |
| <u>Intel Core i5-12600KF</u>               | 27,880   | 371                       | 206.53                          | \$134.99       |
| <u>Intel Xeon W-2275 @ 3.30GHz</u>         | 27,866   | 372                       | 37.25                           | \$748.00       |
| <u>AMD Ryzen 7 5800X</u>                   | 27,850   | 373                       | 170.86                          | \$163.00       |
| <u>Intel Core i5-14450HX</u>               | 27,773   | 374                       | 82.41                           | \$337.00*      |
| <u>AMD Ryzen 7 8845H</u>                   | 27,731   | 375                       | NA                              | NA             |
| <u>Intel Core i5-12600K</u>                | 27,704   | 376                       | 168.93                          | \$164.00       |
| <u>AMD Ryzen Threadripper 1950X</u>        | 27,615   | 377                       | 38.25                           | \$721.95*      |
| <u>Intel Core i5-13600HX</u>               | 27,606   | 378                       | 97.20                           | \$284.00*      |
| <u>Intel Core i5-13490F</u>                | 27,559   | 379                       | 141.33                          | \$194.99       |
| <u>Intel Xeon Gold 6212U @ 2.40GHz</u>     | 27,470   | 380                       | 7.04                            | \$3,902.62*    |
| <u>AMD EPYC 4244P</u>                      | 27,446   | 381                       | NA                              | NA             |
| <u>Intel Xeon Gold 6150 @ 2.70GHz</u>      | 27,446   | 382                       | 137.92                          | \$199.00       |
| <u>AMD EPYC 7571</u>                       | 27,445   | 383                       | NA                              | NA             |
| <u>Intel Xeon Gold 5317 @ 3.00GHz</u>      | 27,387   | 384                       | 29.07                           | \$942.00       |
| <u>Intel Core i9-12900HK</u>               | 27,360   | 385                       | 43.09                           | \$635.00*      |
| <u>Intel Core i5-13600T</u>                | 27,351   | 386                       | 107.26                          | \$255.00*      |
| <u>Intel Xeon Platinum 8124M @ 3.00GHz</u> | 27,336   | 387                       | NA                              | NA             |
| <u>Intel Xeon D-2775TE @ 2.00GHz</u>       | 27,299   | 388                       | 15.00                           | \$1,820.00*    |
| <u>AMD EPYC 72F3</u>                       | 27,252   | 389                       | 21.92                           | \$1,243.22     |
| <u>Intel Core i7-13700H</u>                | 27,219   | 390                       | 54.22                           | \$502.00*      |
| <u>Intel Xeon Gold 6252 @ 2.10GHz</u>      | 27,148   | 391                       | 26.97                           | \$1,006.40     |
| <u>Intel Core i7-13700T</u>                | 27,142   | 392                       | 70.68                           | \$384.00*      |
| <u>AMD Ryzen 5 PRO 7645</u>                | 27,106   | 393                       | NA                              | NA             |
| <u>AMD Ryzen 5 7600</u>                    | 27,098   | 394                       | 136.87                          | \$197.98       |
| <u>Intel Xeon Gold 6208U @ 2.90GHz</u>     | 27,085   | 395                       | 28.51                           | \$950.00*      |
| <u>Intel Core i7-13700T</u>                | 27,084   | 396                       | 50.00                           | \$457.00*      |
| <u>Intel Xeon Gold</u>                     |          |                           |                                 | \$834.00       |

 CPU Benchmarks 

| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Ryzen 5 7645HX</a>                  | 26,868   | 399                       | NA                              | NA             |
| <a href="#">Intel Xeon W-3245M @ 3.20GHz</a>        | 26,814   | 400                       | 5.36                            | \$5,002.00*    |
| <a href="#">Intel Core i5-14500HX</a>               | 26,715   | 401                       | 79.27                           | \$337.00*      |
| <a href="#">AMD Ryzen 7 5700X</a>                   | 26,667   | 402                       | 178.98                          | \$148.99       |
| <a href="#">Intel Core i9-12900E</a>                | 26,666   | 403                       | NA                              | NA             |
| <a href="#">Intel Xeon Platinum 8175M @ 2.50GHz</a> | 26,659   | 404                       | NA                              | NA             |
| <a href="#">Apple M2 Max 12 Core 3680 MHz</a>       | 26,603   | 405                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 8840HS</a>              | 26,568   | 406                       | NA                              | NA             |
| <a href="#">Apple M2 Pro 12 Core 3480 MHz</a>       | 26,553   | 407                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 7840HS</a>              | 26,549   | 408                       | NA                              | NA             |
| <a href="#">Intel Core i5-13600HE</a>               | 26,540   | 409                       | 83.72                           | \$317.00*      |
| <a href="#">Intel Xeon w3-2435</a>                  | 26,428   | 410                       | 39.50                           | \$669.00*      |
| <a href="#">Apple M3 Pro 12 Core</a>                | 26,378   | 411                       | NA                              | NA             |
| <a href="#">Intel Xeon D-2796TE @ 2.00GHz</a>       | 26,342   | 412                       | 12.06                           | \$2,184.00*    |
| <a href="#">Intel Core Ultra 7 165H</a>             | 26,340   | 413                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 5700X3D</a>                 | 26,339   | 414                       | 140.10                          | \$188.00       |
| <a href="#">Snapdragon X Elite - X1E8010</a>        | 26,323   | 415                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6226R @ 2.90GHz</a>     | 26,297   | 416                       | 27.89                           | \$943.00       |
| <a href="#">Intel Xeon Gold 6242 @ 2.80GHz</a>      | 26,288   | 417                       | 32.90                           | \$799.00       |
| <a href="#">AMD Ryzen 5 7600X3D</a>                 | 26,217   | 418                       | 65.55                           | \$399.99       |
| <a href="#">Intel Core i9-10920X @ 3.50GHz</a>      | 26,167   | 419                       | 39.71                           | \$659.00       |
| <a href="#">Intel Core i7-12700H</a>                | 26,148   | 420                       | 57.22                           | \$457.00*      |
| <a href="#">Intel Core i9-7940X @ 3.10GHz</a>       | 26,036   | 421                       | 86.79                           | \$300.00       |
| <a href="#">Intel Xeon W-2265 @ 3.50GHz</a>         | 25,973   | 422                       | 42.58                           | \$610.00       |
| <a href="#">AMD Ryzen 7 PRO 5845</a>                | 25,961   | 423                       | NA                              | NA             |
| <a href="#">Intel Xeon W-3323 @ 3.50GHz</a>         | 25,875   | 424                       | 27.27                           | \$949.00*      |
| <a href="#">AMD Ryzen Threadripper 2990X</a>        | 25,874   | 425                       | NA                              | NA             |
| <a href="#">AMD EPYC 7451</a>                       | 25,863   | 426                       | 14.47                           | \$1,787.00*    |
| <a href="#">AMD Ryzen 7 5800</a>                    | 25,760   | 427                       | NA                              | NA             |
| <a href="#">Intel Core i5-14400</a>                 | 25,745   | 428                       | 120.88                          | \$212.99       |
| <a href="#">Intel Core i5-14400F</a>                | 25,728   | 429                       | 145.53                          | \$176.79       |
| <a href="#">AMD EPYC 7351P</a>                      | 25,657   | 430                       | 200.44                          | \$128.00       |
| <a href="#">Intel Xeon E5-2680 v4 @ 2.40GHz</a>     | 25,654   | 431                       | 5.36                            | \$4,938.00*    |
| <a href="#">Intel Xeon E5-2</a>                     |          |                           |                                 | NA             |



## CPU Benchmarks



| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon Gold 5515+</a>               | 25,587   | 434                       | 23.28                           | \$1,099.00*    |
| <a href="#">Intel Xeon E-2468</a>                   | 25,579   | 435                       | 60.04                           | \$426.00*      |
| <a href="#">Intel Core i5-13450HX</a>               | 25,533   | 436                       | 78.32                           | \$326.00*      |
| <a href="#">Intel Xeon Gold 6152 @ 2.10GHz</a>      | 25,441   | 437                       | 39.14                           | \$650.00       |
| <a href="#">AMD Ryzen Threadripper 2920X</a>        | 25,438   | 438                       | 33.92                           | \$750.00       |
| <a href="#">Intel Xeon Platinum 8167M @ 2.00GHz</a> | 25,396   | 439                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 8600G</a>                   | 25,315   | 440                       | 149.14                          | \$169.74       |
| <a href="#">Intel Xeon E5-2699 v4 @ 2.20GHz</a>     | 25,301   | 441                       | 15.85                           | \$1,595.95     |
| <a href="#">AMD Ryzen 5 PRO 8600G</a>               | 25,288   | 442                       | NA                              | NA             |
| <a href="#">Intel Xeon W-1390P @ 3.50GHz</a>        | 25,240   | 443                       | NA                              | NA             |
| <a href="#">Intel Core i9-11900K @ 3.50GHz</a>      | 25,237   | 444                       | 105.16                          | \$239.99       |
| <a href="#">Intel Xeon Gold 6142 @ 2.60GHz</a>      | 25,215   | 445                       | 54.05                           | \$466.52       |
| <a href="#">Intel Core i5-13400F</a>                | 25,175   | 446                       | 150.42                          | \$167.36       |
| <a href="#">Intel Core i9-9920X @ 3.50GHz</a>       | 25,163   | 447                       | 55.29                           | \$455.15       |
| <a href="#">AMD EPYC 7272</a>                       | 25,161   | 448                       | 139.82                          | \$179.95       |
| <a href="#">Intel Core i5-14600T</a>                | 25,110   | 449                       | 98.47                           | \$255.00*      |
| <a href="#">AMD Ryzen Z1 Extreme</a>                | 25,097   | 450                       | NA                              | NA             |
| <a href="#">Apple M4 10 Core</a>                    | 25,058   | 451                       | NA                              | NA             |
| <a href="#">Intel Core i9-11900KF @ 3.50GHz</a>     | 25,015   | 452                       | 96.58                           | \$259.00       |
| <a href="#">Intel Core Ultra 7 155H</a>             | 24,990   | 453                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 7840U</a>                   | 24,965   | 454                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 5415+</a>               | 24,951   | 455                       | 23.41                           | \$1,066.00*    |
| <a href="#">AMD EPYC 7501</a>                       | 24,925   | 456                       | 18.80                           | \$1,325.96*    |
| <a href="#">Intel Core i7-13620H</a>                | 24,920   | 457                       | 49.64                           | \$502.00*      |
| <a href="#">Intel Xeon E5-2696 v4 @ 2.20GHz</a>     | 24,858   | 458                       | 13.58                           | \$1,829.95     |
| <a href="#">Intel Xeon Gold 6434</a>                | 24,836   | 459                       | 11.13                           | \$2,231.00     |
| <a href="#">Intel Xeon Gold 6246 @ 3.30GHz</a>      | 24,829   | 460                       | 7.98                            | \$3,113.22*    |
| <a href="#">Intel Core i7-12800H</a>                | 24,818   | 461                       | 54.31                           | \$457.00*      |
| <a href="#">AMD Ryzen 9 6900HX</a>                  | 24,799   | 462                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6143 @ 2.80GHz</a>      | 24,786   | 463                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 7840U</a>               | 24,768   | 464                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6222V @ 1.80GHz</a>     | 24,764   | 465                       | 14.47                           | \$1,710.89*    |
| <a href="#">Apple M3 Pro 14 Core</a>                | 24,742   | 466                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold</a>                     |          |                           |                                 | \$882.28       |

 CPU Benchmarks 

| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <u>AMD Ryzen 7 7840S</u>                        | 24,635   | 469                       | NA                              | NA             |
| <u>Intel Core i5-12600HE</u>                    | 24,599   | 470                       | 78.09                           | \$315.00*      |
| <u>Intel Core i5-14400T</u>                     | 24,598   | 471                       | 111.30                          | \$221.00*      |
| <u>Intel Core i7-11700K @ 3.60GHz</u>           | 24,591   | 472                       | 99.19                           | \$247.92       |
| <u>AMD Ryzen 7 5700G</u>                        | 24,553   | 473                       | 153.47                          | \$159.99       |
| <u>AMD EPYC 7551</u>                            | 24,534   | 474                       | 171.63                          | \$142.95       |
| <u>Qualcomm Snapdragon X Elite - X1E-84-100</u> | 24,528   | 475                       | NA                              | NA             |
| <u>Intel Xeon Gold 6140 @ 2.30GHz</u>           | 24,445   | 476                       | 48.99                           | \$498.95       |
| <u>AMD Ryzen 7 PRO 5750G</u>                    | 24,436   | 477                       | NA                              | NA             |
| <u>Intel Xeon Silver 4410Y</u>                  | 24,399   | 478                       | 43.34                           | \$563.00*      |
| <u>AMD Ryzen 5 PRO 8600GE</u>                   | 24,262   | 480                       | NA                              | NA             |
| <u>AMD Ryzen 7 5700</u>                         | 24,262   | 479                       | 161.77                          | \$149.98       |
| <u>Intel Core i5-13600H</u>                     | 24,255   | 481                       | 77.99                           | \$311.00*      |
| <u>Intel Xeon Gold 5220 @ 2.20GHz</u>           | 24,154   | 482                       | 23.01                           | \$1,049.95     |
| <u>AMD Ryzen 7 8840HS</u>                       | 24,143   | 483                       | NA                              | NA             |
| <u>Intel Xeon E5-2679 v4 @ 2.50GHz</u>          | 24,131   | 484                       | 8.93                            | \$2,702.00*    |
| <u>Intel Xeon Gold 6138 @ 2.00GHz</u>           | 24,121   | 485                       | 110.14                          | \$219.00       |
| <u>AMD Ryzen 7 7435HS</u>                       | 24,082   | 486                       | NA                              | NA             |
| <u>Intel Xeon Silver 4216R @ 2.20GHz</u>        | 24,027   | 487                       | NA                              | NA             |
| <u>AMD Ryzen 7 7735H</u>                        | 24,025   | 488                       | NA                              | NA             |
| <u>AMD Ryzen 7 7735HS</u>                       | 23,985   | 489                       | NA                              | NA             |
| <u>Intel Core i7-11700KF @ 3.60GHz</u>          | 23,951   | 490                       | 99.18                           | \$241.49       |
| <u>Intel Core i5-12600HX</u>                    | 23,949   | 491                       | 84.33                           | \$284.00*      |
| <u>Intel Xeon W-1390 @ 2.80GHz</u>              | 23,902   | 492                       | 41.64                           | \$573.99*      |
| <u>Intel Xeon W-2170B @ 2.50GHz</u>             | 23,902   | 493                       | NA                              | NA             |
| <u>AMD Ryzen 7 PRO 8840U</u>                    | 23,862   | 494                       | NA                              | NA             |
| <u>Intel Xeon Gold 6122 @ 1.80GHz</u>           | 23,781   | 495                       | 11.88                           | \$2,002.00*    |
| <u>AMD Ryzen 7 8840U</u>                        | 23,755   | 496                       | NA                              | NA             |
| <u>Intel Core i5-14500T</u>                     | 23,754   | 497                       | 102.39                          | \$232.00*      |
| <u>Intel Xeon E-2456</u>                        | 23,743   | 498                       | 63.31                           | \$375.00*      |
| <u>Intel Core i9-7920X @ 2.90GHz</u>            | 23,671   | 499                       | 79.17                           | \$299.00       |
| <u>Intel Core i7-13705H</u>                     | 23,662   | 500                       | 47.14                           | \$502.00*      |
| <u>Intel Xeon E-2388G @ 2.80GHz</u>             | 23,640   | 501                       | 42.84                           | \$539.00*      |
| <u>AMD Ryzen 9 6900</u>                         |          |                           |                                 | NA             |

 CPU Benchmarks 

| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <u>AMD Ryzen 9 5980HX</u>                       | 23,525   | 504                       | NA                              | NA             |
| <u>Intel Xeon E5-2698 v4 @ 2.20GHz</u>          | 23,493   | 505                       | 25.85                           | \$908.70*      |
| <u>AMD EPYC 7F32</u>                            | 23,453   | 506                       | 9.51                            | \$2,465.51*    |
| <u>AMD Ryzen 5 8400F</u>                        | 23,428   | 507                       | 146.12                          | \$160.34       |
| <u>AMD Ryzen 7 6800H</u>                        | 23,423   | 508                       | NA                              | NA             |
| <u>Intel Xeon W-2175 @ 2.50GHz</u>              | 23,345   | 509                       | 54.04                           | \$432.00*      |
| <u>Qualcomm Snapdragon X Elite - X1E-80-100</u> | 23,343   | 510                       | NA                              | NA             |
| <u>Intel Xeon W-1370P @ 3.60GHz</u>             | 23,306   | 511                       | 45.79                           | \$508.99*      |
| <u>Intel Xeon Gold 6146 @ 3.20GHz</u>           | 23,296   | 512                       | 27.41                           | \$849.95       |
| <u>AMD EPYC 7351</u>                            | 23,226   | 513                       | 35.79                           | \$649.00*      |
| <u>Intel Core i5-13500T</u>                     | 23,187   | 514                       | 99.94                           | \$232.00*      |
| <u>AMD Ryzen 7 PRO 6850H</u>                    | 23,181   | 515                       | NA                              | NA             |
| <u>Intel Xeon Platinum 8176 @ 2.10GHz</u>       | 23,179   | 516                       | 8.30                            | \$2,793.70*    |
| <u>AMD Ryzen 7 3800X</u>                        | 23,144   | 517                       | 109.69                          | \$210.99       |
| <u>Intel Core i5-13400</u>                      | 23,143   | 518                       | 136.14                          | \$169.99       |
| <u>AMD Ryzen Threadripper 1920X</u>             | 23,089   | 519                       | 109.95                          | \$209.99       |
| <u>Intel Core i7-13700TE</u>                    | 23,074   | 520                       | 59.16                           | \$390.00*      |
| <u>AMD Ryzen 7 6800HS</u>                       | 23,018   | 521                       | NA                              | NA             |
| <u>Intel Core Ultra 5 135H</u>                  | 22,962   | 522                       | NA                              | NA             |
| <u>AMD Ryzen 5 7640HS</u>                       | 22,933   | 523                       | NA                              | NA             |
| <u>Intel Core i9-11900KB @ 3.30GHz</u>          | 22,929   | 524                       | 42.54                           | \$539.00*      |
| <u>Intel Xeon W-1370 @ 2.90GHz</u>              | 22,926   | 525                       | 48.88                           | \$468.99*      |
| <u>AMD Ryzen 7 PRO 3700</u>                     | 22,899   | 526                       | 69.39                           | \$329.99*      |
| <u>Intel Core i9-11900 @ 2.50GHz</u>            | 22,807   | 527                       | 84.54                           | \$269.77       |
| <u>Intel Core i9-11980HK @ 2.60GHz</u>          | 22,799   | 528                       | 39.11                           | \$583.00*      |
| <u>Intel Core i9-10900K @ 3.70GHz</u>           | 22,780   | 529                       | 47.56                           | \$479.00       |
| <u>AMD Ryzen 5 PRO 7640HS</u>                   | 22,778   | 530                       | NA                              | NA             |
| <u>AMD Ryzen 5 8645HS</u>                       | 22,727   | 531                       | NA                              | NA             |
| <u>Intel Core i5-13500H</u>                     | 22,719   | 532                       | NA                              | NA             |
| <u>Qualcomm Snapdragon X Elite - X1E-78-100</u> | 22,718   | 533                       | NA                              | NA             |
| <u>AMD Ryzen 9 PRO 6950HS</u>                   | 22,697   | 534                       | NA                              | NA             |
| <u>Intel Xeon Platinum P-8124 @ 3.00GHz</u>     | 22,674   | 535                       | NA                              | NA             |
| <u>Intel Xeon Silver 4216 @ 2.40GHz</u>         | 22,642   | 536                       | 42.82                           | \$483.00       |
| <u>AMD Ryzen 9 F</u>                            |          |                           |                                 | NA             |



## CPU Benchmarks

| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon W-11955M @ 2.60GHz</a>         | 22,596   | 539                       | 36.27                           | \$623.00*      |
| <a href="#">Intel Core i7-12650H</a>                  | 22,591   | 540                       | 49.43                           | \$457.00*      |
| <a href="#">Intel Core i5-12600H</a>                  | 22,578   | 541                       | 72.60                           | \$311.00*      |
| <a href="#">AMD Ryzen 7 3700X</a>                     | 22,546   | 542                       | 250.54                          | \$89.99        |
| <a href="#">AMD Ryzen 9 5900HX</a>                    | 22,532   | 543                       | NA                              | NA             |
| <a href="#">Intel Core i9-10900KF @ 3.70GHz</a>       | 22,522   | 544                       | 90.45                           | \$249.00       |
| <a href="#">Intel Xeon E-2436</a>                     | 22,487   | 545                       | 70.49                           | \$319.00*      |
| <a href="#">Intel Core i9-10900X @ 3.70GHz</a>        | 22,483   | 546                       | 39.79                           | \$565.00       |
| <a href="#">AMD Ryzen 7 5700GE</a>                    | 22,436   | 547                       | NA                              | NA             |
| <a href="#">Intel Xeon W-1290P @ 3.70GHz</a>          | 22,435   | 548                       | 34.55                           | \$649.40*      |
| <a href="#">Intel Core i9-10850K @ 3.60GHz</a>        | 22,387   | 549                       | 81.41                           | \$275.00       |
| <a href="#">Intel Xeon W-2255 @ 3.70GHz</a>           | 22,369   | 550                       | 43.27                           | \$517.00       |
| <a href="#">Apple M4 9 Core</a>                       | 22,365   | 551                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 8500G</a>                 | 22,362   | 552                       | NA                              | NA             |
| <a href="#">Intel Core Ultra 5 125H</a>               | 22,353   | 553                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2699C v4 @ 2.20GHz</a>      | 22,283   | 554                       | NA                              | NA             |
| <a href="#">Intel Core i9-11900F @ 2.50GHz</a>        | 22,279   | 555                       | 96.88                           | \$229.98       |
| <a href="#">AMD Ryzen 7 PRO 6850HS</a>                | 22,264   | 556                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 8500GE</a>                | 22,195   | 557                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 7736U</a>                     | 22,195   | 558                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6132 @ 2.60GHz</a>        | 22,180   | 559                       | 249.22                          | \$89.00        |
| <a href="#">Intel Xeon E5-2696 v3 @ 2.30GHz</a>       | 22,140   | 560                       | 40.48                           | \$546.99*      |
| <a href="#">AMD Ryzen 9 5900HS Creator Edition</a>    | 22,138   | 561                       | NA                              | NA             |
| <a href="#">Qualcomm Snapdragon X Plus X1P-64-100</a> | 22,134   | 562                       | NA                              | NA             |
| <a href="#">Apple M1 Max 10 Core 3200 MHz</a>         | 22,067   | 563                       | NA                              | NA             |
| <a href="#">AMD Ryzen Threadripper 1920</a>           | 22,066   | 564                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 8640HS</a>                | 22,041   | 565                       | NA                              | NA             |
| <a href="#">Intel Core Ultra 7 256V</a>               | 22,035   | 566                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 5218 @ 2.30GHz</a>        | 21,986   | 567                       | 54.24                           | \$405.35       |
| <a href="#">AMD Ryzen 5 5600X3D</a>                   | 21,953   | 568                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 5645</a>                  | 21,904   | 569                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 5600X</a>                     | 21,887   | 570                       | 182.41                          | \$119.99       |
| <a href="#">AMD Ryzen 7 PRO 5750GE</a>                | 21,882   | 571                       | NA                              | NA             |
| <a href="#">AMD Ryzen 9 5900X</a>                     | 21,877   | 572                       | NA                              | NA             |



## CPU Benchmarks

| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i9-9900X @ 3.50GHz</a>      | 21,835   | 574                       | 81.17                           | \$268.99       |
| <a href="#">Intel Xeon Gold 6262 @ 1.90GHz</a>     | 21,823   | 575                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6130T @ 2.10GHz</a>    | 21,804   | 576                       | 8.55                            | \$2,550.00*    |
| <a href="#">AMD Ryzen 5 8500G</a>                  | 21,755   | 578                       | 146.00                          | \$149.00       |
| <a href="#">AMD Ryzen 7 6800HS Creator Edition</a> | 21,755   | 577                       | NA                              | NA             |
| <a href="#">Apple M2 Pro 10 Core 3480 MHz</a>      | 21,729   | 579                       | NA                              | NA             |
| <a href="#">AMD Ryzen 9 5900HS</a>                 | 21,669   | 580                       | NA                              | NA             |
| <a href="#">AMD EPYC 7281</a>                      | 21,621   | 581                       | 66.12                           | \$327.00       |
| <a href="#">Intel Xeon E7-8891 v3 @ 2.80GHz</a>    | 21,615   | 582                       | 3.16                            | \$6,841.00*    |
| <a href="#">AMD Ryzen 5 5600</a>                   | 21,573   | 583                       | 215.96                          | \$99.89        |
| <a href="#">Intel Xeon E5-2697A v4 @ 2.60GHz</a>   | 21,563   | 584                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6334 @ 3.60GHz</a>     | 21,521   | 585                       | 14.18                           | \$1,518.00     |
| <a href="#">Intel Core i5-13500TE</a>              | 21,478   | 586                       | 91.40                           | \$235.00*      |
| <a href="#">Intel Core i9-10910 @ 3.60GHz</a>      | 21,456   | 587                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 5218T @ 2.10GHz</a>    | 21,433   | 588                       | 15.89                           | \$1,349.00*    |
| <a href="#">Intel Core i7-12700T</a>               | 21,335   | 589                       | 62.94                           | \$339.00*      |
| <a href="#">AMD Ryzen 9 5980HS</a>                 | 21,318   | 590                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 7640U</a>              | 21,287   | 591                       | NA                              | NA             |
| <a href="#">Intel Core i5-12600</a>                | 21,265   | 592                       | 78.18                           | \$271.99       |
| <a href="#">AMD Ryzen 7 7735U</a>                  | 21,227   | 593                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 7640U</a>                  | 21,193   | 594                       | NA                              | NA             |
| <a href="#">Intel Core i9-11950H @ 2.60GHz</a>     | 21,181   | 595                       | 38.10                           | \$556.00*      |
| <a href="#">AMD Ryzen 7 5800HS Creator Edition</a> | 21,166   | 596                       | NA                              | NA             |
| <a href="#">Intel Xeon E-2378G @ 2.80GHz</a>       | 21,153   | 597                       | 35.31                           | \$599.00*      |
| <a href="#">Intel Core i5-12500H</a>               | 21,102   | 598                       | 67.85                           | \$311.00*      |
| <a href="#">Intel Core i9-7900X @ 3.30GHz</a>      | 21,077   | 599                       | 64.85                           | \$325.00       |
| <a href="#">Intel Xeon W-2155 @ 3.30GHz</a>        | 21,071   | 600                       | 13.77                           | \$1,530.39*    |
| <a href="#">AMD Ryzen 5 8500GE</a>                 | 21,042   | 601                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 5800H</a>                  | 21,025   | 602                       | NA                              | NA             |
| <a href="#">Intel Core i7-7900X @ 3.30GHz</a>      | 21,008   | 603                       | NA                              | NA             |
| <a href="#">Intel Core i7-11700F @ 2.50GHz</a>     | 21,002   | 604                       | 84.01                           | \$249.99       |
| <a href="#">Intel Xeon Silver 4310T @ 2.30GHz</a>  | 20,973   | 605                       | 29.36                           | \$714.36       |
| <a href="#">Intel Xeon Gold 6250 @ 2.80GHz</a>     | 20,945   | 606                       | 4.65                            | \$4,498.95     |
| <a href="#">Intel Xeon E5-2</a>                    |          |                           |                                 | \$1,298.95     |



## CPU Benchmarks

| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon E5-2697R v4 @ 2.30GHz</a> | 20,843   | 609                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 5315Y @ 3.20GHz</a>  | 20,820   | 610                       | 14.88                           | \$1,398.95     |
| <a href="#">Intel Xeon Gold 6136 @ 3.00GHz</a>   | 20,796   | 611                       | 20.19                           | \$1,029.95*    |
| <a href="#">AMD Ryzen 7 PRO 6850U</a>            | 20,794   | 612                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 5650G</a>            | 20,785   | 613                       | NA                              | NA             |
| <a href="#">AMD EPYC 7262</a>                    | 20,779   | 614                       | 49.73                           | \$417.80       |
| <a href="#">Intel Core i5-13400T</a>             | 20,773   | 615                       | 94.00                           | \$221.00*      |
| <a href="#">AMD Ryzen 5 8640U</a>                | 20,772   | 616                       | NA                              | NA             |
| <a href="#">Intel Core i5-12600HL</a>            | 20,739   | 617                       | 66.69                           | \$311.00*      |
| <a href="#">Intel Core i5-12500E</a>             | 20,699   | 618                       | 92.00                           | \$225.00*      |
| <a href="#">Intel Xeon Gold 6138T @ 2.00GHz</a>  | 20,649   | 619                       | 6.17                            | \$3,345.78*    |
| <a href="#">Intel Xeon Gold 6130 @ 2.10GHz</a>   | 20,647   | 620                       | 299.23                          | \$69.00        |
| <a href="#">Intel Xeon E5-2673 v4 @ 2.30GHz</a>  | 20,631   | 621                       | 231.81                          | \$89.00        |
| <a href="#">Intel Xeon D-2753NT @ 2.00GHz</a>    | 20,626   | 622                       | NA                              | NA             |
| <a href="#">Intel Xeon Silver 4216 @ 2.10GHz</a> | 20,613   | 623                       | 28.24                           | \$729.95       |
| <a href="#">Intel Core i7-12650HX</a>            | 20,612   | 624                       | 43.67                           | \$472.00*      |
| <a href="#">AMD Ryzen 7 6800U</a>                | 20,609   | 625                       | NA                              | NA             |
| <a href="#">Intel Core i9-11900H @ 2.50GHz</a>   | 20,567   | 626                       | 37.67                           | \$546.00*      |
| <a href="#">AMD Ryzen 9 5900H</a>                | 20,557   | 627                       | NA                              | NA             |
| <a href="#">AMD EPYC 8024P</a>                   | 20,556   | 628                       | NA                              | NA             |
| <a href="#">Intel Xeon W-2150B @ 3.00GHz</a>     | 20,529   | 629                       | NA                              | NA             |
| <a href="#">Intel Core i7-11850H @ 2.50GHz</a>   | 20,499   | 630                       | 51.90                           | \$395.00*      |
| <a href="#">AMD Ryzen 7 PRO 4750G</a>            | 20,459   | 631                       | 59.16                           | \$345.85*      |
| <a href="#">Intel Core i7-11800H @ 2.30GHz</a>   | 20,441   | 632                       | 51.75                           | \$395.00*      |
| <a href="#">Intel Xeon E5-2686 v4 @ 2.30GHz</a>  | 20,434   | 633                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6226 @ 2.70GHz</a>   | 20,429   | 634                       | 22.73                           | \$898.95       |
| <a href="#">Intel Core i7-1280P</a>              | 20,383   | 635                       | 42.29                           | \$482.00*      |
| <a href="#">Intel Xeon E5-2699 v3 @ 2.30GHz</a>  | 20,357   | 636                       | 38.41                           | \$529.95       |
| <a href="#">Intel Core i5-12490F</a>             | 20,335   | 637                       | 169.49                          | \$119.98       |
| <a href="#">AMD Ryzen 5 5600GT</a>               | 20,324   | 638                       | 162.59                          | \$125.00       |
| <a href="#">Intel Xeon E5-4667 v4 @ 2.20GHz</a>  | 20,319   | 639                       | 3.55                            | \$5,729.00*    |
| <a href="#">Intel Xeon D-1747NTE @ 2.50GHz</a>   | 20,279   | 640                       | 16.89                           | \$1,201.00*    |
| <a href="#">ARM Neoverse N1 64 Core 3200 MHz</a> | 20,250   | 641                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 5500</a>                 | 20,249   | 642                       | NA                              | \$115.00       |



## CPU Benchmarks



| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i9-9820X @ 3.30GHz</a>   | 20,195   | 644                       | 44.88                           | \$450.00       |
| <a href="#">Intel Core i7-1370P</a>             | 20,150   | 645                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 4700G</a>               | 20,148   | 646                       | 85.69                           | \$235.12*      |
| <a href="#">Intel Core i5-1250P</a>             | 20,144   | 647                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 5800HS</a>              | 20,084   | 648                       | NA                              | NA             |
| <a href="#">Intel Xeon W-1290 @ 3.20GHz</a>     | 20,071   | 649                       | 34.10                           | \$588.67*      |
| <a href="#">Intel Core i5-1340PE</a>            | 20,041   | 650                       | 63.62                           | \$315.00*      |
| <a href="#">Intel Xeon Gold 6144 @ 3.50GHz</a>  | 19,993   | 651                       | 26.12                           | \$765.34       |
| <a href="#">Intel CoreT i5-1350P</a>            | 19,976   | 652                       | NA                              | NA             |
| <a href="#">Intel Core i9-10900F @ 2.80GHz</a>  | 19,945   | 653                       | 86.73                           | \$229.98       |
| <a href="#">Intel Core i5-12500</a>             | 19,902   | 654                       | 98.53                           | \$202.00*      |
| <a href="#">AMD Ryzen 5 5600G</a>               | 19,879   | 655                       | 142.00                          | \$139.99       |
| <a href="#">Intel Core i9-10900 @ 2.80GHz</a>   | 19,841   | 656                       | 46.25                           | \$429.00       |
| <a href="#">AMD Ryzen 7 4700GE</a>              | 19,831   | 657                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 4700G</a>           | 19,786   | 658                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 Pro 7735U</a>           | 19,756   | 659                       | NA                              | NA             |
| <a href="#">Intel Xeon W-1350P @ 4.00GHz</a>    | 19,710   | 660                       | 52.95                           | \$372.23*      |
| <a href="#">Intel Core i7-11700 @ 2.50GHz</a>   | 19,708   | 661                       | 82.12                           | \$240.00       |
| <a href="#">Intel Xeon E-2386G @ 3.50GHz</a>    | 19,613   | 662                       | 33.82                           | \$579.88*      |
| <a href="#">Intel Core i5-11600KF @ 3.90GHz</a> | 19,612   | 663                       | 141.10                          | \$139.00       |
| <a href="#">AMD Ryzen 5 8640HS</a>              | 19,608   | 664                       | NA                              | NA             |
| <a href="#">Intel Core i5-11600K @ 3.90GHz</a>  | 19,595   | 665                       | 130.64                          | \$150.00       |
| <a href="#">Intel Xeon W-11865MRE @ 2.60GHz</a> | 19,589   | 666                       | 40.81                           | \$480.00*      |
| <a href="#">AMD EPYC 3451</a>                   | 19,532   | 667                       | NA                              | NA             |
| <a href="#">Intel Core i5-12400F</a>            | 19,529   | 668                       | 179.18                          | \$108.99       |
| <a href="#">Intel Xeon W-2245 @ 3.90GHz</a>     | 19,475   | 669                       | 43.37                           | \$449.00       |
| <a href="#">Intel Core i9-9900KS @ 4.00GHz</a>  | 19,473   | 670                       | 48.68                           | \$399.99       |
| <a href="#">Intel Xeon E5-2690 v4 @ 2.60GHz</a> | 19,461   | 671                       | 324.41                          | \$59.99        |
| <a href="#">Intel Core i9-10900E @ 2.80GHz</a>  | 19,456   | 672                       | 43.82                           | \$444.00*      |
| <a href="#">AMD EPYC 7252</a>                   | 19,411   | 673                       | 50.82                           | \$381.99       |
| <a href="#">AMD Ryzen 5 5500</a>                | 19,400   | 674                       | 223.10                          | \$86.96        |
| <a href="#">Intel Xeon D-2183IT @ 2.20GHz</a>   | 19,377   | 675                       | 10.98                           | \$1,764.00*    |
| <a href="#">Intel Core i5-12400</a>             | 19,374   | 676                       | 100.00                          | \$192.00*      |
| <a href="#">Intel Xeon Gold</a>                 |          |                           |                                 | NA             |



CPU Benchmarks



| CPU Name                                 | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <u>Intel Core Ultra 9 288V</u>           | 19,288   | 679                       | NA                              | NA             |
| <u>Intel Xeon Gold 6126 @ 2.60GHz</u>    | 19,189   | 680                       | 96.43                           | \$199.00       |
| <u>Intel Core i7-1360P</u>               | 19,168   | 681                       | 39.93                           | \$480.00*      |
| <u>AMD Ryzen 9 4900H</u>                 | 19,156   | 682                       | NA                              | NA             |
| <u>Intel Xeon E5-2695 v4 @ 2.10GHz</u>   | 19,109   | 683                       | 41.32                           | \$462.45*      |
| <u>Intel Xeon D-2752TER @ 1.80GHz</u>    | 19,102   | 684                       | 17.30                           | \$1,104.00*    |
| <u>Intel Xeon Silver 4309Y @ 2.80GHz</u> | 19,100   | 685                       | 47.34                           | \$403.49       |
| <u>Intel Xeon E5-2682 v4 @ 2.50GHz</u>   | 19,051   | 686                       | NA                              | NA             |
| <u>AMD Ryzen 7 PRO 7730U</u>             | 19,045   | 687                       | NA                              | NA             |
| <u>Intel Xeon W-1350 @ 3.30GHz</u>       | 19,007   | 688                       | 56.57                           | \$335.99*      |
| <u>Intel Core i5-12450HX</u>             | 18,995   | 689                       | NA                              | NA             |
| <u>Intel Xeon Gold 6244 @ 3.60GHz</u>    | 18,980   | 690                       | 6.39                            | \$2,970.00*    |
| <u>Intel Xeon E5-2676 v4 @ 2.40GHz</u>   | 18,978   | 691                       | NA                              | NA             |
| <u>AMD Ryzen 9 4900HS</u>                | 18,977   | 692                       | NA                              | NA             |
| <u>Intel Core i9-11900T @ 1.50GHz</u>    | 18,948   | 693                       | 43.16                           | \$439.00*      |
| <u>Intel Core i5-1350P</u>               | 18,946   | 694                       | 59.21                           | \$320.00*      |
| <u>AMD Ryzen 5 PRO 6650H</u>             | 18,928   | 695                       | NA                              | NA             |
| <u>Intel Core i7-11850HE @ 2.60GHz</u>   | 18,899   | 696                       | 42.95                           | \$440.00*      |
| <u>Intel Xeon E5-2698 v3 @ 2.30GHz</u>   | 18,872   | 697                       | 2.15                            | \$8,790.00*    |
| <u>Intel Core i5-1340P</u>               | 18,846   | 698                       | 53.39                           | \$353.00*      |
| <u>Hygon C86 7255 16-core</u>            | 18,831   | 699                       | NA                              | NA             |
| <u>ARM Neoverse-N1 80 Core 2600 MHz</u>  | 18,823   | 700                       | NA                              | NA             |
| <u>Intel Core Ultra 7 258V</u>           | 18,819   | 701                       | NA                              | NA             |
| <u>Intel Core i7-10700K @ 3.80GHz</u>    | 18,791   | 702                       | 76.70                           | \$245.00       |
| <u>Intel Xeon W-1290E @ 3.50GHz</u>      | 18,786   | 703                       | 37.57                           | \$500.00*      |
| <u>AMD Ryzen Z1</u>                      | 18,778   | 704                       | NA                              | NA             |
| <u>AMD Ryzen 5 PRO 5655GE</u>            | 18,734   | 705                       | NA                              | NA             |
| <u>AMD Ryzen 5 6600H</u>                 | 18,711   | 706                       | NA                              | NA             |
| <u>AMD Ryzen 5 7540U</u>                 | 18,685   | 707                       | NA                              | NA             |
| <u>AMD Ryzen 5 5600GE</u>                | 18,667   | 708                       | NA                              | NA             |
| <u>Intel Xeon w3-2425</u>                | 18,655   | 709                       | 35.26                           | \$529.00*      |
| <u>AMD Ryzen 7 7730U</u>                 | 18,640   | 710                       | NA                              | NA             |
| <u>AMD Ryzen 5 3600XT</u>                | 18,638   | 711                       | 71.82                           | \$261.32       |
| <u>AMD EPYC 4112</u>                     |          |                           |                                 | NA             |



## CPU Benchmarks

| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon E5-2697 v3 @ 2.60GHz</a>    | 18,596   | 714                       | 930.27                          | \$19.99        |
| <a href="#">Intel Core i7-10700KF @ 3.80GHz</a>    | 18,582   | 715                       | 86.03                           | \$216.01       |
| <a href="#">Intel Xeon E-2356G @ 3.20GHz</a>       | 18,521   | 716                       | 55.62                           | \$333.00*      |
| <a href="#">AMD Ryzen 7 4800H</a>                  | 18,514   | 717                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 8540U</a>              | 18,486   | 718                       | NA                              | NA             |
| <a href="#">Intel Core i5-13420H</a>               | 18,461   | 719                       | 53.98                           | \$342.00*      |
| <a href="#">AMD Ryzen 7 PRO 4750GE</a>             | 18,444   | 720                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 5800U</a>                  | 18,413   | 721                       | NA                              | NA             |
| <a href="#">Intel Xeon W-1290T @ 1.90GHz</a>       | 18,409   | 722                       | 37.27                           | \$494.00*      |
| <a href="#">AMD Ryzen 5 PRO 5650GE</a>             | 18,397   | 723                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 7535HS</a>                 | 18,396   | 724                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 6600HS Creator Edition</a> | 18,361   | 725                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 4800HS</a>                 | 18,349   | 726                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 5825U</a>                  | 18,342   | 727                       | NA                              | NA             |
| <a href="#">Intel Xeon Silver 4214R @ 2.40GHz</a>  | 18,275   | 728                       | 38.72                           | \$472.00       |
| <a href="#">Intel Core i9-9900KF @ 3.60GHz</a>     | 18,268   | 729                       | 64.55                           | \$283.00       |
| <a href="#">Intel Core i9-9900K @ 3.60GHz</a>      | 18,266   | 730                       | 59.30                           | \$308.00       |
| <a href="#">Intel Xeon E7-8880 v3 @ 2.30GHz</a>    | 18,244   | 731                       | 137.17                          | \$133.00*      |
| <a href="#">AMD Ryzen 5 8540U</a>                  | 18,218   | 732                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 3600X</a>                  | 18,193   | 733                       | 230.32                          | \$78.99        |
| <a href="#">Intel Xeon W-2145 @ 3.70GHz</a>        | 18,177   | 734                       | 14.84                           | \$1,224.67*    |
| <a href="#">Intel Xeon W-11855M @ 3.20GHz</a>      | 18,160   | 735                       | 40.36                           | \$450.00*      |
| <a href="#">Intel Xeon E5-2686 v3 @ 2.00GHz</a>    | 18,148   | 736                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 5120T @ 2.20GHz</a>    | 18,127   | 737                       | 10.50                           | \$1,727.00*    |
| <a href="#">Intel Xeon Gold 5120 @ 2.20GHz</a>     | 18,111   | 738                       | 11.60                           | \$1,561.00*    |
| <a href="#">Intel Core i7-9800X @ 3.80GHz</a>      | 18,091   | 739                       | 54.99                           | \$329.00       |
| <a href="#">AMD Ryzen 5 PRO 7540U</a>              | 18,071   | 740                       | NA                              | NA             |
| <a href="#">Intel Xeon D-2187NT @ 2.00GHz</a>      | 18,070   | 741                       | 9.08                            | \$1,989.00*    |
| <a href="#">Intel Core i5-11600 @ 2.80GHz</a>      | 18,037   | 742                       | 128.84                          | \$140.00       |
| <a href="#">Intel Core i7-1270PE</a>               | 17,960   | 743                       | 40.73                           | \$441.00*      |
| <a href="#">Intel Xeon E5-2666 v4 @ 2.80GHz</a>    | 17,958   | 744                       | NA                              | NA             |
| <a href="#">Intel Xeon W-3225 @ 3.70GHz</a>        | 17,874   | 745                       | 13.55                           | \$1,319.00*    |
| <a href="#">AMD 4700S</a>                          | 17,854   | 746                       | NA                              | NA             |
| <a href="#">Intel Xeon D-17</a>                    |          |                           |                                 | NA             |



## CPU Benchmarks

| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon E5-2680 v4 @ 2.40GHz</a>             | 17,752   | 749                       | 888.07                          | \$19.99        |
| <a href="#">Intel Xeon Gold 6234 @ 3.30GHz</a>              | 17,752   | 750                       | 15.44                           | \$1,149.95     |
| <a href="#">AMD Ryzen 5 3600</a>                            | 17,749   | 751                       | 197.54                          | \$89.85        |
| <a href="#">Intel Core i5-1250PE</a>                        | 17,738   | 752                       | 49.97                           | \$355.00*      |
| <a href="#">AMD EPYC 7232P</a>                              | 17,731   | 753                       | 51.39                           | \$345.00       |
| <a href="#">AMD Ryzen 5 Pro 7535U</a>                       | 17,720   | 754                       | NA                              | NA             |
| <a href="#">Intel Core Ultra 5 135U</a>                     | 17,704   | 755                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2683 v4 @ 2.10GHz</a>             | 17,679   | 756                       | 36.08                           | \$489.95       |
| <a href="#">Intel Xeon W-1270 @ 3.40GHz</a>                 | 17,641   | 757                       | 48.73                           | \$362.00*      |
| <a href="#">AMD Ryzen 5 PRO 3600</a>                        | 17,606   | 758                       | NA                              | NA             |
| <a href="#">Intel Core i5-12600T</a>                        | 17,576   | 759                       | NA                              | NA             |
| <a href="#">Intel Core Ultra 7 165U</a>                     | 17,549   | 760                       | NA                              | NA             |
| <a href="#">Intel Core Ultra 5 125U</a>                     | 17,525   | 761                       | 48.28                           | \$363.00*      |
| <a href="#">AMD Ryzen 7 2700X</a>                           | 17,519   | 762                       | 95.21                           | \$184.00       |
| <a href="#">Intel Xeon E5-2680R v4 @ 2.40GHz</a>            | 17,487   | 763                       | NA                              | NA             |
| <a href="#">Intel Xeon W-11555MRE @ 2.60GHz</a>             | 17,484   | 764                       | 53.63                           | \$326.00*      |
| <a href="#">Intel Xeon E-2378 @ 2.60GHz</a>                 | 17,472   | 765                       | 37.46                           | \$466.40*      |
| <a href="#">AMD Ryzen 7 4980U Microsoft Surface Edition</a> | 17,469   | 766                       | NA                              | NA             |
| <a href="#">Intel Core i7-1270P</a>                         | 17,452   | 767                       | NA                              | NA             |
| <a href="#">Intel Xeon E-2288G @ 3.70GHz</a>                | 17,444   | 768                       | 32.36                           | \$539.00*      |
| <a href="#">Intel Core i5-11500B @ 3.30GHz</a>              | 17,437   | 769                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-4669 v3 @ 2.10GHz</a>             | 17,430   | 770                       | 3.23                            | \$5,400.00*    |
| <a href="#">Intel Core i7-6950X @ 3.00GHz</a>               | 17,388   | 771                       | 72.75                           | \$239.00       |
| <a href="#">Intel Core i5-11500 @ 2.70GHz</a>               | 17,335   | 772                       | 103.91                          | \$166.83       |
| <a href="#">Intel Xeon W-2140B @ 3.20GHz</a>                | 17,330   | 773                       | NA                              | NA             |
| <a href="#">Intel Atom P5362</a>                            | 17,276   | 774                       | 24.40                           | \$708.00*      |
| <a href="#">Intel Core i7-12700TE</a>                       | 17,189   | 775                       | 49.97                           | \$344.00*      |
| <a href="#">Apple M1 Pro 8 Core 3200 MHz</a>                | 17,185   | 776                       | NA                              | NA             |
| <a href="#">Intel Core i7-7820X @ 3.60GHz</a>               | 17,166   | 777                       | 190.76                          | \$89.99        |
| <a href="#">AMD Ryzen 5 4400G</a>                           | 17,160   | 778                       | NA                              | NA             |
| <a href="#">Intel Core i5-1240P</a>                         | 17,153   | 779                       | 27.71                           | \$619.00*      |
| <a href="#">Intel Xeon W-1270P @ 3.80GHz</a>                | 17,113   | 780                       | 45.15                           | \$379.00       |
| <a href="#">AMD Ryzen 7 4800H Mobile</a>                    | 17,110   | 781                       | NA                              | NA             |
| <a href="#">Intel Xeon E-22</a>                             |          |                           |                                 | \$494.00*      |



## CPU Benchmarks

| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Ryzen Embedded V3C18I</a>         | 17,053   | 784                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2689 v4 @ 3.10GHz</a>   | 17,049   | 785                       | NA                              | NA             |
| <a href="#">Intel Core i7-1260P</a>               | 17,035   | 786                       | NA                              | NA             |
| <a href="#">Intel Core i5-11400F @ 2.60GHz</a>    | 17,034   | 787                       | 170.34                          | \$100.00       |
| <a href="#">Intel Xeon W-3223 @ 3.50GHz</a>       | 17,026   | 788                       | 20.75                           | \$820.55*      |
| <a href="#">Intel Core i5-11400 @ 2.60GHz</a>     | 17,024   | 789                       | 130.96                          | \$129.99       |
| <a href="#">Intel Core i5-12450H</a>              | 17,015   | 790                       | 54.71                           | \$311.00*      |
| <a href="#">AMD Ryzen 5 5600H</a>                 | 16,995   | 791                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 5850U</a>             | 16,958   | 792                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 2700X</a>             | 16,948   | 793                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 Extreme Edition</a>       | 16,903   | 794                       | NA                              | NA             |
| <a href="#">Intel Core Ultra 7 155U</a>           | 16,884   | 795                       | 34.46                           | \$490.00*      |
| <a href="#">Intel Core 5 120U</a>                 | 16,860   | 796                       | 49.59                           | \$340.00*      |
| <a href="#">AMD Ryzen Threadripper 1900X</a>      | 16,802   | 797                       | 120.01                          | \$140.00*      |
| <a href="#">Intel Xeon E-2336 @ 2.90GHz</a>       | 16,731   | 798                       | 46.09                           | \$362.99       |
| <a href="#">AMD Ryzen 5 PRO 6650U</a>             | 16,727   | 799                       | NA                              | NA             |
| <a href="#">AMD Ryzen Embedded V2748</a>          | 16,706   | 800                       | NA                              | NA             |
| <a href="#">Intel Core i7-11600H @ 2.90GHz</a>    | 16,685   | 801                       | 42.24                           | \$395.00*      |
| <a href="#">AMD Ryzen 7 4800U</a>                 | 16,684   | 802                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6134 @ 3.20GHz</a>    | 16,650   | 803                       | 33.37                           | \$498.95       |
| <a href="#">Intel Xeon Gold 5118 @ 2.30GHz</a>    | 16,627   | 804                       | 37.04                           | \$448.95*      |
| <a href="#">Intel Core i7-10700E @ 2.90GHz</a>    | 16,599   | 805                       | 50.30                           | \$330.00*      |
| <a href="#">Intel Core i5-12500T</a>              | 16,557   | 806                       | 81.97                           | \$202.00*      |
| <a href="#">Intel Xeon E E-2434</a>               | 16,552   | 807                       | 58.90                           | \$281.00*      |
| <a href="#">AMD Ryzen 5 6600U</a>                 | 16,545   | 808                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2695 v3 @ 2.30GHz</a>   | 16,509   | 809                       | 48.56                           | \$339.95       |
| <a href="#">Intel Core i9-9900 @ 3.10GHz</a>      | 16,492   | 810                       | 41.33                           | \$399.00       |
| <a href="#">Intel Xeon E7-4809 v2 @ 1.90GHz</a>   | 16,471   | 811                       | NA                              | NA             |
| <a href="#">Intel Xeon Silver 4214Y @ 2.20GHz</a> | 16,442   | 812                       | 7.84                            | \$2,096.00     |
| <a href="#">Intel Core i7-10700F @ 2.90GHz</a>    | 16,414   | 813                       | 78.54                           | \$208.99       |
| <a href="#">Intel Core i7-10700 @ 2.90GHz</a>     | 16,403   | 814                       | 68.35                           | \$239.99       |
| <a href="#">Intel Xeon E-2278GE @ 3.30GHz</a>     | 16,379   | 815                       | 33.15                           | \$494.00*      |
| <a href="#">Intel Xeon E5-2680 v2 @ 2.60GHz</a>   | 16,366   | 816                       | 4,628.34                        | \$9.99         |
| <a href="#">AMD Ryzen 5 F</a>                     |          |                           |                                 | NA             |

 CPU Benchmarks 

| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Ryzen 7 1800X</a>                | 16,354   | 819                       | 181.74                          | \$89.99        |
| <a href="#">Intel Xeon E5-2698B v3 @ 2.00GHz</a> | 16,287   | 820                       | NA                              | NA             |
| <a href="#">Intel Core i9-10900TE @ 1.80GHz</a>  | 16,251   | 821                       | 36.60                           | \$444.00*      |
| <a href="#">AMD Ryzen Embedded V2546</a>         | 16,236   | 822                       | NA                              | NA             |
| <a href="#">Intel Xeon D-2733NT @ 2.10GHz</a>    | 16,206   | 823                       | 20.26                           | \$800.00*      |
| <a href="#">Intel Core i5-12400T</a>             | 16,193   | 824                       | 107.96                          | \$149.99*      |
| <a href="#">Intel Xeon Silver 4214 @ 2.20GHz</a> | 16,190   | 825                       | 50.86                           | \$318.35       |
| <a href="#">AMD Ryzen 5 PRO 4650G</a>            | 16,163   | 826                       | 146.95                          | \$109.99       |
| <a href="#">Intel Core i3-1220PE</a>             | 16,146   | 827                       | 54.73                           | \$295.00*      |
| <a href="#">AMD Ryzen 5 4500</a>                 | 16,120   | 828                       | 230.32                          | \$69.99        |
| <a href="#">Intel Xeon E5-2669 v3 @ 2.30GHz</a>  | 16,107   | 829                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 5875U</a>            | 16,078   | 830                       | NA                              | NA             |
| <a href="#">AMD Ryzen Embedded V2718</a>         | 16,075   | 831                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 4600G</a>                | 16,065   | 832                       | 154.53                          | \$103.96       |
| <a href="#">Intel Core i5-11500H @ 2.90GHz</a>   | 16,064   | 833                       | 64.26                           | \$250.00*      |
| <a href="#">AMD Ryzen 5 7530U</a>                | 16,061   | 834                       | NA                              | NA             |
| <a href="#">Intel Xeon W-11865MLE @ 1.50GHz</a>  | 15,958   | 835                       | 34.17                           | \$467.00*      |
| <a href="#">Intel Core 7 150U</a>                | 15,949   | 836                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2660 v4 @ 2.00GHz</a>  | 15,934   | 837                       | 325.17                          | \$49.00        |
| <a href="#">Intel Xeon E5-4650 v4 @ 2.20GHz</a>  | 15,871   | 838                       | 161.94                          | \$98.00*       |
| <a href="#">AMD Ryzen 7 5700U</a>                | 15,846   | 839                       | NA                              | NA             |
| <a href="#">Intel Core i9-13900TE</a>            | 15,819   | 840                       | 28.55                           | \$554.00*      |
| <a href="#">AMD Ryzen 5 4600GE</a>               | 15,816   | 842                       | NA                              | NA             |
| <a href="#">Intel Xeon Gold 5117 @ 2.00GHz</a>   | 15,816   | 841                       | NA                              | NA             |
| <a href="#">Intel Core i5-11260H @ 2.60GHz</a>   | 15,737   | 844                       | 62.95                           | \$250.00*      |
| <a href="#">Intel Xeon W-10885M @ 2.40GHz</a>    | 15,737   | 843                       | 25.26                           | \$623.00*      |
| <a href="#">AMD Ryzen 7 2700</a>                 | 15,699   | 845                       | 182.97                          | \$85.80        |
| <a href="#">AMD Ryzen 7 1700X</a>                | 15,668   | 846                       | 196.34                          | \$79.80        |
| <a href="#">Intel Core i5-11400H @ 2.70GHz</a>   | 15,633   | 847                       | 62.53                           | \$250.00*      |
| <a href="#">Intel Xeon Gold 5215 @ 2.50GHz</a>   | 15,624   | 848                       | 20.83                           | \$749.95       |
| <a href="#">AMD Ryzen 7 PRO 1700X</a>            | 15,577   | 849                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 4650GE</a>           | 15,564   | 850                       | NA                              | NA             |
| <a href="#">Intel Core i7-11700T @ 1.40GHz</a>   | 15,500   | 851                       | 40.47                           | \$323.00*      |
| <a href="#">AMD Ryzen 5 7</a>                    |          |                           |                                 | NA             |

 CPU Benchmarks 

| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon D-1726 @ 2.90GHz</a>       | 15,511   | 854                       | 31.65                           | \$490.00*      |
| <a href="#">AMD Ryzen 5 5600U</a>                 | 15,440   | 855                       | NA                              | NA             |
| <a href="#">Intel Core i9-10980HK @ 2.40GHz</a>   | 15,433   | 856                       | 26.47                           | \$583.00*      |
| <a href="#">Intel Xeon Gold 5217 @ 3.00GHz</a>    | 15,429   | 857                       | 10.29                           | \$1,498.95     |
| <a href="#">Intel Xeon E5-4667 v3 @ 2.00GHz</a>   | 15,397   | 858                       | 2.69                            | \$5,729.00*    |
| <a href="#">Intel Xeon E5-4660 v4 @ 2.20GHz</a>   | 15,375   | 859                       | 4.26                            | \$3,609.00*    |
| <a href="#">Intel Core i3-14100F</a>              | 15,306   | 860                       | 169.16                          | \$90.48        |
| <a href="#">AMD Ryzen 7 PRO 2700</a>              | 15,300   | 861                       | NA                              | NA             |
| <a href="#">Intel Xeon w3-2423</a>                | 15,275   | 862                       | NA                              | NA             |
| <a href="#">Intel Xeon Silver 4116T @ 2.10GHz</a> | 15,187   | 863                       | 13.66                           | \$1,112.00*    |
| <a href="#">AMD Ryzen 7 PRO 4750U</a>             | 15,185   | 864                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2680 v3 @ 2.50GHz</a>   | 15,147   | 865                       | 420.87                          | \$35.99        |
| <a href="#">AMD Ryzen 5 5560U</a>                 | 15,143   | 866                       | NA                              | NA             |
| <a href="#">Intel Xeon Silver 4210R @ 2.40GHz</a> | 15,118   | 867                       | 31.04                           | \$487.00       |
| <a href="#">Intel Core i5-1345U</a>               | 15,109   | 868                       | 48.90                           | \$309.00*      |
| <a href="#">Intel Core Ultra 7 164U</a>           | 15,106   | 869                       | NA                              | NA             |
| <a href="#">Intel Xeon D-2166NT @ 2.00GHz</a>     | 15,105   | 870                       | 15.03                           | \$1,005.00*    |
| <a href="#">Intel Xeon E-2286M @ 2.40GHz</a>      | 15,092   | 871                       | 10.99                           | \$1,373.18*    |
| <a href="#">Intel Core 3 100U</a>                 | 15,072   | 872                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 7530U</a>             | 15,047   | 873                       | NA                              | NA             |
| <a href="#">Intel Core i3-14100</a>               | 15,047   | 874                       | 118.48                          | \$127.00       |
| <a href="#">Intel Xeon Silver 4215R @ 3.20GHz</a> | 15,004   | 875                       | 20.39                           | \$736.00       |
| <a href="#">AMD EPYC 7301</a>                     | 14,991   | 876                       | 10.06                           | \$1,490.00     |
| <a href="#">AMD Ryzen 5 5625U</a>                 | 14,937   | 877                       | NA                              | NA             |
| <a href="#">AMD EPYC 7251</a>                     | 14,935   | 878                       | 29.28                           | \$510.00       |
| <a href="#">AMD Ryzen 5 PRO 5650U</a>             | 14,904   | 879                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2658A v3 @ 2.20GHz</a>  | 14,879   | 880                       | 8.12                            | \$1,832.00*    |
| <a href="#">Intel Core i7-10875H @ 2.30GHz</a>    | 14,876   | 881                       | 33.06                           | \$450.00*      |
| <a href="#">Intel Xeon D-1733NT @ 2.00GHz</a>     | 14,849   | 882                       | 20.62                           | \$720.00*      |
| <a href="#">Intel Core i7-1365U</a>               | 14,836   | 884                       | 34.83                           | \$426.00*      |
| <a href="#">Intel Core i9-10885H @ 2.40GHz</a>    | 14,836   | 883                       | 26.68                           | \$556.00*      |
| <a href="#">Intel Core i9-10900T @ 1.90GHz</a>    | 14,822   | 885                       | 42.35                           | \$349.99*      |
| <a href="#">Intel Xeon E5-1624 v3 @ 2.00GHz</a>   | 14,820   | 886                       | NA                              | NA             |
| <a href="#">AMD Ryzen 7 1</a>                     |          |                           |                                 | \$69.77        |



## CPU Benchmarks

| CPU Name                                | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <u>AMD Ryzen 5 PRO 4400GE</u>           | 14,795   | 889                       | NA                              | NA             |
| <u>AMD Ryzen 3 PRO 8300GE</u>           | 14,753   | 890                       | NA                              | NA             |
| <u>Intel Xeon E5-2683 v3 @ 2.00GHz</u>  | 14,749   | 891                       | 186.70                          | \$79.00        |
| <u>Intel Core i5-1335U</u>              | 14,746   | 892                       | 43.37                           | \$340.00*      |
| <u>Intel Xeon E5-2678 v3 @ 2.50GHz</u>  | 14,712   | 893                       | 138.54                          | \$106.19*      |
| <u>Intel Core i5-11600T @ 1.70GHz</u>   | 14,679   | 894                       | 68.92                           | \$213.00*      |
| <u>Intel Xeon Gold 5115 @ 2.40GHz</u>   | 14,677   | 895                       | 39.67                           | \$369.95       |
| <u>Montage Jintide C4215R</u>           | 14,672   | 896                       | NA                              | NA             |
| <u>Intel Xeon Silver 4116 @ 2.10GHz</u> | 14,660   | 897                       | 192.89                          | \$76.00        |
| <u>AMD Ryzen 7 PRO 1700</u>             | 14,658   | 898                       | NA                              | NA             |
| <u>AMD Ryzen 7 2700E</u>                | 14,657   | 899                       | NA                              | NA             |
| <u>Intel Core i9-10880H @ 2.30GHz</u>   | 14,642   | 900                       | NA                              | NA             |
| <u>AMD Ryzen 5 PRO 5675U</u>            | 14,639   | 901                       | NA                              | NA             |
| <u>Intel Xeon E5-2687W v3 @ 3.10GHz</u> | 14,615   | 902                       | 584.84                          | \$24.99        |
| <u>Intel Core i3-13100F</u>             | 14,614   | 903                       | 182.70                          | \$79.99        |
| <u>AMD Ryzen 3 PRO 8300G</u>            | 14,599   | 904                       | NA                              | NA             |
| <u>Intel Core i3-12300</u>              | 14,540   | 905                       | 101.68                          | \$143.00*      |
| <u>Intel Core i5-12500TE</u>            | 14,536   | 906                       | 70.91                           | \$205.00*      |
| <u>Intel Core i3-1220P</u>              | 14,490   | 907                       | 51.57                           | \$281.00*      |
| <u>Intel CC150 @ 3.50GHz</u>            | 14,488   | 908                       | NA                              | NA             |
| <u>Intel Core i7-6900K @ 3.20GHz</u>    | 14,470   | 909                       | 120.58                          | \$120.00       |
| <u>Intel Core i7-9700K @ 3.60GHz</u>    | 14,459   | 910                       | 76.10                           | \$189.99       |
| <u>Intel Xeon W-2135 @ 3.70GHz</u>      | 14,440   | 911                       | 14.33                           | \$1,007.70*    |
| <u>Intel Xeon Silver 4215 @ 2.50GHz</u> | 14,439   | 912                       | 25.60                           | \$564.00       |
| <u>AMD Ryzen 5 PRO 4655GE</u>           | 14,436   | 913                       | NA                              | NA             |
| <u>Intel Xeon E5-2658 v4 @ 2.30GHz</u>  | 14,434   | 914                       | 577.58                          | \$24.99*       |
| <u>AMD Ryzen 5 4600H</u>                | 14,426   | 915                       | NA                              | NA             |
| <u>Intel Core i7-10870H @ 2.20GHz</u>   | 14,424   | 916                       | 34.59                           | \$417.00*      |
| <u>Intel Xeon Silver 4123 @ 3.00GHz</u> | 14,405   | 917                       | NA                              | NA             |
| <u>Intel Xeon W-2235 @ 3.80GHz</u>      | 14,367   | 918                       | 21.54                           | \$666.99       |
| <u>Intel Xeon W-1250P @ 4.10GHz</u>     | 14,353   | 919                       | 44.64                           | \$321.50*      |
| <u>Intel Core i5-10600K @ 4.10GHz</u>   | 14,305   | 920                       | 102.99                          | \$138.90       |
| <u>Intel Xeon E5-2680 v2 @ 2.60GHz</u>  | 14,284   | 921                       | NA                              | NA             |
| <u>Intel Core i7-80</u>                 |          |                           |                                 | \$211.00       |



## CPU Benchmarks

| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i7-9700KF @ 3.60GHz</a>  | 14,257   | 924                       | 83.87                           | \$169.99       |
| <a href="#">Intel Xeon E5-4660 v3 @ 2.10GHz</a> | 14,256   | 925                       | 2.97                            | \$4,800.00*    |
| <a href="#">Intel Xeon D-1732TE @ 1.90GHz</a>   | 14,254   | 926                       | 18.78                           | \$759.00*      |
| <a href="#">Intel Core i3-12100E</a>            | 14,250   | 927                       | 103.26                          | \$138.00*      |
| <a href="#">AMD Ryzen 5 4600HS</a>              | 14,230   | 928                       | NA                              | NA             |
| <a href="#">Intel Core i5-10600KF @ 4.10GHz</a> | 14,227   | 929                       | 142.27                          | \$100.00       |
| <a href="#">Intel Xeon E5-2673 v3 @ 2.40GHz</a> | 14,219   | 930                       | 20.31                           | \$700.00*      |
| <a href="#">Intel Xeon E5-1680 v4 @ 3.40GHz</a> | 14,211   | 931                       | 9.48                            | \$1,498.95*    |
| <a href="#">Apple M1 8 Core 3200 MHz</a>        | 14,162   | 932                       | NA                              | NA             |
| <a href="#">Intel Core i7-1260U</a>             | 14,127   | 933                       | NA                              | NA             |
| <a href="#">Intel Core i9-9980HK @ 2.40GHz</a>  | 14,117   | 934                       | 24.21                           | \$583.00*      |
| <a href="#">Intel Core i3-12100F</a>            | 14,114   | 935                       | 178.68                          | \$78.99        |
| <a href="#">Intel Core i7-1370PRE</a>           | 14,103   | 936                       | 29.57                           | \$477.00*      |
| <a href="#">Intel Xeon E5-2696 v2 @ 2.50GHz</a> | 14,096   | 937                       | NA                              | NA             |
| <a href="#">Intel Xeon E-2286G @ 4.00GHz</a>    | 14,020   | 938                       | 11.19                           | \$1,253.00*    |
| <a href="#">Intel Xeon E-2236 @ 3.40GHz</a>     | 14,012   | 939                       | 33.44                           | \$419.02       |
| <a href="#">Intel Xeon E-2276G @ 3.80GHz</a>    | 13,946   | 940                       | 30.30                           | \$460.29*      |
| <a href="#">AMD EPYC 3251</a>                   | 13,912   | 941                       | 44.17                           | \$315.00*      |
| <a href="#">AMD Ryzen 5 2600X</a>               | 13,907   | 942                       | 79.47                           | \$175.00       |
| <a href="#">AMD Ryzen 3 PRO 5350G</a>           | 13,851   | 943                       | NA                              | NA             |
| <a href="#">AMD Ryzen 3 8300GE</a>              | 13,846   | 944                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2667 v4 @ 3.20GHz</a> | 13,829   | 945                       | 30.74                           | \$449.95       |
| <a href="#">Intel Xeon E-2186G @ 3.80GHz</a>    | 13,817   | 946                       | 32.13                           | \$429.99*      |
| <a href="#">Intel Core i7-1265U</a>             | 13,794   | 947                       | 32.38                           | \$426.00*      |
| <a href="#">Intel Core i3-14100T</a>            | 13,727   | 948                       | 102.44                          | \$134.00*      |
| <a href="#">Intel Core i9-9880H @ 2.30GHz</a>   | 13,700   | 949                       | 24.64                           | \$556.00*      |
| <a href="#">Intel Core i5-10600 @ 3.30GHz</a>   | 13,687   | 950                       | 104.52                          | \$130.95       |
| <a href="#">Intel Xeon E-2246G @ 3.60GHz</a>    | 13,676   | 951                       | 43.97                           | \$311.00*      |
| <a href="#">Intel Core i5-11400T @ 1.30GHz</a>  | 13,660   | 952                       | 75.05                           | \$182.00*      |
| <a href="#">Intel Core i7-8700K @ 3.70GHz</a>   | 13,627   | 953                       | 80.24                           | \$169.83       |
| <a href="#">Intel Core i7-1255U</a>             | 13,616   | 954                       | 31.96                           | \$426.00*      |
| <a href="#">Intel Xeon E5-1660 v4 @ 3.20GHz</a> | 13,610   | 956                       | 38.63                           | \$352.36       |
| <a href="#">Intel Xeon W-1250 @ 3.30GHz</a>     | 13,610   | 955                       | 40.84                           | \$333.48*      |
| <a href="#">Intel Xeon E-23</a>                 |          |                           |                                 | \$419.43       |



## CPU Benchmarks

| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon E-2176G @ 3.70GHz</a>     | 13,598   | 959                       | 28.33                           | \$479.99       |
| <a href="#">Intel Xeon E5-2650 v4 @ 2.20GHz</a>  | 13,580   | 960                       | 205.80                          | \$65.99        |
| <a href="#">Intel Xeon E5-2670 v3 @ 2.30GHz</a>  | 13,575   | 961                       | 123.46                          | \$109.95*      |
| <a href="#">Intel Xeon D-1587 @ 1.70GHz</a>      | 13,566   | 962                       | NA                              | NA             |
| <a href="#">Intel Xeon W-1270TE @ 2.00GHz</a>    | 13,553   | 963                       | 36.93                           | \$367.00*      |
| <a href="#">Intel Xeon E5-2676 v3 @ 2.40GHz</a>  | 13,524   | 964                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 2600</a>             | 13,509   | 965                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2658 v3 @ 2.20GHz</a>  | 13,487   | 966                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2690 v2 @ 3.00GHz</a>  | 13,483   | 967                       | 182.23                          | \$73.99        |
| <a href="#">AMD Ryzen 5 4600U</a>                | 13,470   | 968                       | NA                              | NA             |
| <a href="#">Intel Xeon E-2136 @ 3.30GHz</a>      | 13,460   | 969                       | 38.13                           | \$352.99       |
| <a href="#">Intel Xeon Silver 4210 @ 2.20GHz</a> | 13,457   | 970                       | 46.17                           | \$291.49       |
| <a href="#">Intel Core i5-10500 @ 3.10GHz</a>    | 13,453   | 971                       | 86.80                           | \$154.99       |
| <a href="#">Intel Core i3-13100</a>              | 13,420   | 972                       | 114.76                          | \$116.94       |
| <a href="#">Intel Core i5-1245U</a>              | 13,408   | 973                       | 43.39                           | \$309.00*      |
| <a href="#">Intel Core i5-1235U</a>              | 13,394   | 974                       | 43.35                           | \$309.00*      |
| <a href="#">AMD Ryzen 7 4700U</a>                | 13,374   | 975                       | NA                              | NA             |
| <a href="#">Intel Xeon E5-2695 v2 @ 2.40GHz</a>  | 13,306   | 976                       | 192.84                          | \$69.00        |
| <a href="#">Intel Xeon D-1581 @ 1.80GHz</a>      | 13,282   | 977                       | NA                              | NA             |
| <a href="#">Intel Xeon E-2146G @ 3.50GHz</a>     | 13,259   | 978                       | 26.75                           | \$495.64*      |
| <a href="#">Intel Core i7-9700F @ 3.00GHz</a>    | 13,250   | 979                       | 77.94                           | \$169.99       |
| <a href="#">Intel Core i7-9700 @ 3.00GHz</a>     | 13,199   | 980                       | 77.68                           | \$169.90       |
| <a href="#">AMD Ryzen 5 2600</a>                 | 13,192   | 981                       | 219.90                          | \$59.99        |
| <a href="#">Intel Core i5-1334U</a>              | 13,182   | 982                       | 38.77                           | \$340.00*      |
| <a href="#">Intel Xeon E5-2675 v3 @ 1.80GHz</a>  | 13,180   | 983                       | NA                              | NA             |
| <a href="#">Intel Xeon Silver 4114 @ 2.20GHz</a> | 13,161   | 984                       | 506.39                          | \$25.99        |
| <a href="#">AMD Ryzen 5 3500X</a>                | 13,160   | 985                       | 105.28                          | \$125.00       |
| <a href="#">Intel Xeon E5-2660 v3 @ 2.60GHz</a>  | 13,135   | 986                       | 69.15                           | \$189.95       |
| <a href="#">Intel Xeon E5-1680 v3 @ 3.20GHz</a>  | 13,090   | 987                       | 22.19                           | \$589.99*      |
| <a href="#">Intel Core i3-12300T</a>             | 13,077   | 988                       | 83.29                           | \$157.00*      |
| <a href="#">Intel Core i3-13100T</a>             | 13,076   | 989                       | 97.58                           | \$134.00*      |
| <a href="#">AMD Ryzen 3 5300GE</a>               | 13,074   | 990                       | NA                              | NA             |
| <a href="#">Apple A18</a>                        | 12,974   | 991                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 1</a>                    |          |                           |                                 | \$68.99        |



## CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i9-9900T @ 2.10GHz</a>    | 13,020   | 994                       | 29.66                           | \$439.00*      |
| <a href="#">AMD Ryzen Embedded V2516</a>         | 13,016   | 995                       | NA                              | NA             |
| <a href="#">AMD Ryzen 5 5500U</a>                | 13,013   | 996                       | NA                              | NA             |
| <a href="#">Intel Xeon E-2334 @ 3.40GHz</a>      | 13,011   | 997                       | 40.66                           | \$319.99       |
| <a href="#">Intel Core i5-11500T @ 1.50GHz</a>   | 13,002   | 998                       | 67.72                           | \$192.00*      |
| <a href="#">AMD Ryzen 3 7440U</a>                | 12,991   | 999                       | NA                              | NA             |
| <a href="#">Intel Core i7-10700TE @ 2.00GHz</a>  | 12,969   | 1001                      | 39.30                           | \$330.00*      |
| <a href="#">Intel Xeon E5-4627 v4 @ 2.60GHz</a>  | 12,969   | 1000                      | 12.97                           | \$999.99*      |
| <a href="#">Intel Xeon E5-2685 v3 @ 2.60GHz</a>  | 12,944   | 1002                      | NA                              | NA             |
| <a href="#">AMD Ryzen 3 5300G</a>                | 12,902   | 1003                      | NA                              | NA             |
| <a href="#">Intel Xeon Gold 6128 @ 3.40GHz</a>   | 12,881   | 1004                      | 43.09                           | \$298.95       |
| <a href="#">Intel Core i7-7800X @ 3.50GHz</a>    | 12,853   | 1005                      | 58.69                           | \$219.00       |
| <a href="#">Intel Core i7-8700 @ 3.20GHz</a>     | 12,839   | 1006                      | 87.34                           | \$147.00       |
| <a href="#">Intel Core i7-10700T @ 2.00GHz</a>   | 12,816   | 1007                      | 59.61                           | \$214.99*      |
| <a href="#">AMD Ryzen 3 8440U</a>                | 12,805   | 1008                      | NA                              | NA             |
| <a href="#">AMD Ryzen 5 3500</a>                 | 12,789   | 1009                      | 116.28                          | \$109.98       |
| <a href="#">Intel Core i7-5960X @ 3.00GHz</a>    | 12,743   | 1010                      | 60.97                           | \$209.00       |
| <a href="#">Intel Xeon E5-2650L v4 @ 1.70GHz</a> | 12,719   | 1011                      | 55.31                           | \$229.95*      |
| <a href="#">Intel Xeon E5-2667 v3 @ 3.20GHz</a>  | 12,663   | 1012                      | 12.68                           | \$998.94*      |
| <a href="#">Intel Xeon W-2133 @ 3.60GHz</a>      | 12,658   | 1013                      | 20.51                           | \$617.00*      |
| <a href="#">Intel Core i5-1240U</a>              | 12,652   | 1014                      | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 4650U</a>            | 12,644   | 1015                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-2680 v2 @ 2.80GHz</a>  | 12,635   | 1016                      | 97.23                           | \$129.95       |
| <a href="#">AMD Ryzen 3 3300X</a>                | 12,631   | 1017                      | 157.91                          | \$79.99        |
| <a href="#">Intel Xeon W-10855M @ 2.80GHz</a>    | 12,624   | 1018                      | 28.05                           | \$450.00*      |
| <a href="#">Intel Xeon E5-1680 v2 @ 3.00GHz</a>  | 12,618   | 1019                      | NA                              | NA             |
| <a href="#">Intel Core i3-12100T</a>             | 12,613   | 1020                      | 103.39                          | \$122.00*      |
| <a href="#">Intel Core i7-9700E @ 2.60GHz</a>    | 12,595   | 1021                      | 39.00                           | \$323.00*      |
| <a href="#">Intel Xeon W-11555MLE @ 1.90GHz</a>  | 12,591   | 1022                      | 36.18                           | \$348.00*      |
| <a href="#">AMD Ryzen 3 PRO 5350GE</a>           | 12,584   | 1023                      | NA                              | NA             |
| <a href="#">Virtual @ 3.80GHz</a>                | 12,575   | 1024                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-1660 v3 @ 3.00GHz</a>  | 12,482   | 1025                      | 237.98                          | \$52.45        |
| <a href="#">Intel Xeon E5-2640 v4 @ 2.40GHz</a>  | 12,472   | 1026                      | 242.52                          | \$39.90        |
| <a href="#">Intel Xeon E5-4</a>                  |          |                           |                                 | \$2,535.00*    |



## CPU Benchmarks

| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon E5-2618L v4 @ 2.20GHz</a> | 12,429   | 1029                      | 13.78                           | \$902.20*      |
| <a href="#">Intel Xeon E5-2649 v3 @ 2.30GHz</a>  | 12,399   | 1030                      | NA                              | NA             |
| <a href="#">AMD Ryzen 3 PRO 7330U</a>            | 12,331   | 1031                      | NA                              | NA             |
| <a href="#">Hygon C86 3350 8-core</a>            | 12,292   | 1032                      | NA                              | NA             |
| <a href="#">Intel Atom P5342</a>                 | 12,291   | 1033                      | 19.45                           | \$632.00*      |
| <a href="#">AMD Ryzen 5 1600</a>                 | 12,278   | 1035                      | 102.32                          | \$120.00       |
| <a href="#">Intel Core i3-1315U</a>              | 12,278   | 1034                      | 39.74                           | \$309.00*      |
| <a href="#">Intel Xeon E5-2667 v2 @ 3.30GHz</a>  | 12,269   | 1036                      | 49.08                           | \$249.95       |
| <a href="#">Apple A17 Pro</a>                    | 12,255   | 1037                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-2687W v2 @ 3.40GHz</a> | 12,254   | 1038                      | 28.50                           | \$429.95       |
| <a href="#">AMD Ryzen 3 7335U</a>                | 12,230   | 1039                      | NA                              | NA             |
| <a href="#">Intel Xeon W-1250E @ 3.50GHz</a>     | 12,212   | 1040                      | 46.97                           | \$260.00*      |
| <a href="#">Intel Xeon D-2143IT @ 2.20GHz</a>    | 12,207   | 1041                      | 21.57                           | \$566.00*      |
| <a href="#">Intel Core i5-10400F @ 2.90GHz</a>   | 12,197   | 1042                      | 131.17                          | \$92.99        |
| <a href="#">Intel Core i5-10505 @ 3.20GHz</a>    | 12,156   | 1043                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-2673 v2 @ 3.30GHz</a>  | 12,128   | 1044                      | NA                              | NA             |
| <a href="#">Intel Core i5-10400 @ 2.90GHz</a>    | 12,127   | 1045                      | 98.13                           | \$123.58       |
| <a href="#">Intel Xeon E5-2692 v2 @ 2.20GHz</a>  | 12,119   | 1046                      | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 4500U</a>            | 12,117   | 1048                      | NA                              | NA             |
| <a href="#">Intel Xeon D-2141I @ 2.20GHz</a>     | 12,117   | 1047                      | 21.83                           | \$555.00*      |
| <a href="#">Intel Core Ultra 5 134U</a>          | 12,058   | 1049                      | 36.32                           | \$332.00*      |
| <a href="#">Intel Xeon E-2278GEL @ 2.00GHz</a>   | 12,024   | 1050                      | 24.34                           | \$494.00*      |
| <a href="#">Intel Xeon E E-2414</a>              | 11,923   | 1051                      | 55.98                           | \$213.00*      |
| <a href="#">Intel Core i5-1335UE</a>             | 11,921   | 1052                      | 38.21                           | \$312.00*      |
| <a href="#">Intel Core i7-8700B @ 3.20GHz</a>    | 11,900   | 1053                      | 39.27                           | \$303.00*      |
| <a href="#">Intel Xeon E5-2650L v3 @ 1.80GHz</a> | 11,880   | 1054                      | 51.66                           | \$229.95       |
| <a href="#">Intel Core i3-12100TE</a>            | 11,859   | 1055                      | 94.87                           | \$125.00*      |
| <a href="#">Intel Core i7-10750H @ 2.60GHz</a>   | 11,853   | 1056                      | NA                              | NA             |
| <a href="#">Intel Xeon E-2276M @ 2.80GHz</a>     | 11,846   | 1057                      | 26.32                           | \$450.00*      |
| <a href="#">ARM Neoverse-N1 32 Core 1700 MHz</a> | 11,841   | 1058                      | NA                              | NA             |
| <a href="#">Intel Core i7-11375H @ 3.30GHz</a>   | 11,819   | 1059                      | 24.52                           | \$482.00*      |
| <a href="#">Intel Core i7-10850H @ 2.70GHz</a>   | 11,809   | 1060                      | 29.90                           | \$395.00*      |
| <a href="#">Intel Xeon E5-2650 v2 @ 2.80GHz</a>  | 11,788   | 1061                      | 21.88                           | \$555.00*      |
| <a href="#">Intel Xeon E5-2</a>                  |          |                           |                                 | NA             |

| CPU Name | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|----------|---------------------------|---------------------------------|----------------|
|----------|----------|---------------------------|---------------------------------|----------------|



## CPU Benchmarks ▼

|  |        |      |        |             |
|--|--------|------|--------|-------------|
| <u>ARM Neoverse-N1 80 Core 2800 MHz</u>    | 11,755 | 1064 | NA     | NA          |
| <u>Intel Xeon D-2146NT @ 2.30GHz</u>       | 11,736 | 1065 | 18.31  | \$641.00*   |
| <u>Microsoft SQ3 @ 3.0 GHz</u>             | 11,727 | 1066 | NA     | NA          |
| <u>Intel Core i7-1250U</u>                 | 11,694 | 1067 | 27.45  | \$426.00*   |
| <u>Intel Core i7-11370H @ 3.30GHz</u>      | 11,685 | 1068 | 27.43  | \$426.00*   |
| <u>Intel Xeon Platinum 8481C @ 2.70GHz</u> | 11,681 | 1069 | NA     | NA          |
| <u>AMD Ryzen 5 5500H</u>                   | 11,661 | 1070 | NA     | NA          |
| <u>Intel Core i3-13100E</u>                | 11,650 | 1071 | 85.03  | \$137.00*   |
| <u>Intel Xeon D-1577 @ 1.30GHz</u>         | 11,645 | 1072 | 9.90   | \$1,176.00* |
| <u>Intel Xeon E5-4657L v2 @ 2.40GHz</u>    | 11,613 | 1073 | 15.46  | \$751.19*   |
| <u>Intel Xeon E5-2630 v4 @ 2.20GHz</u>     | 11,604 | 1074 | 774.14 | \$14.99     |
| <u>AMD Ryzen 3 3100</u>                    | 11,599 | 1075 | 161.15 | \$71.98     |
| <u>Intel Xeon E5-2648L v4 @ 1.80GHz</u>    | 11,547 | 1076 | 8.34   | \$1,384.57* |
| <u>QTI SM8650</u>                          | 11,527 | 1077 | NA     | NA          |
| <u>Intel Xeon E5-4669 v4 @ 2.20GHz</u>     | 11,523 | 1078 | NA     | NA          |
| <u>Hygon C86 3250 8-core</u>               | 11,476 | 1079 | NA     | NA          |
| <u>Intel Core i7-6850K @ 3.60GHz</u>       | 11,466 | 1080 | 109.20 | \$105.00    |
| <u>Intel Xeon E-2186M @ 2.90GHz</u>        | 11,455 | 1082 | 18.39  | \$623.00*   |
| <u>Intel Xeon E5-1650 v4 @ 3.60GHz</u>     | 11,455 | 1081 | 26.64  | \$429.95*   |
| <u>Intel Core i5-10600T @ 2.40GHz</u>      | 11,419 | 1083 | 53.61  | \$213.00*   |
| <u>AMD Ryzen 3 PRO 5475U</u>               | 11,381 | 1084 | NA     | NA          |
| <u>Intel Core i3-11100B @ 3.60GHz</u>      | 11,357 | 1085 | NA     | NA          |
| <u>AMD Ryzen 3 5425U</u>                   | 11,348 | 1086 | NA     | NA          |
| <u>Intel Xeon E5-4627 v3 @ 2.60GHz</u>     | 11,344 | 1087 | 4.73   | \$2,400.00* |
| <u>Intel Xeon E5-2670 v2 @ 2.50GHz</u>     | 11,343 | 1088 | 667.60 | \$16.99*    |
| <u>AMD Ryzen 3 PRO 4200G</u>               | 11,315 | 1089 | NA     | NA          |
| <u>Intel Core i3-11100HE @ 2.40GHz</u>     | 11,289 | 1090 | 48.45  | \$233.00*   |
| <u>Intel Xeon Silver 4208 @ 2.10GHz</u>    | 11,259 | 1091 | 37.53  | \$300.00    |
| <u>AMD Ryzen 5 PRO 1600</u>                | 11,240 | 1092 | NA     | NA          |
| <u>Intel Core i5-10500H @ 2.50GHz</u>      | 11,232 | 1093 | 44.93  | \$250.00*   |
| <u>AMD Ryzen 3 4300GE</u>                  | 11,211 | 1094 | NA     | NA          |
| <u>Intel Xeon E5-2618L v3 @ 2.30GHz</u>    | 11,181 | 1095 | 10.86  | \$1,029.95* |
| <u>AMD Ryzen 5 7225U</u>                   | 11,170 | 1096 | NA     | NA          |
| <u>Intel Xeon E5-2</u>                     |        |      |        | \$900.99    |



## CPU Benchmarks

| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon E-2226G @ 3.40GHz</a>      | 11,110   | 1099                      | 33.53                           | \$331.37*      |
| <a href="#">Intel Xeon Silver 4209T @ 2.20GHz</a> | 11,080   | 1100                      | 17.07                           | \$649.25*      |
| <a href="#">Intel Xeon E5-2628L v4 @ 1.90GHz</a>  | 11,079   | 1101                      | 20.94                           | \$529.18*      |
| <a href="#">Apple A16 Bionic</a>                  | 11,068   | 1102                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-4650 v2 @ 2.40GHz</a>   | 11,064   | 1103                      | 44.26                           | \$249.95*      |
| <a href="#">Intel Core i7-9850H @ 2.60GHz</a>     | 11,049   | 1104                      | 8.46                            | \$1,305.76*    |
| <a href="#">AMD Ryzen 3 4100</a>                  | 11,045   | 1105                      | 160.11                          | \$68.98        |
| <a href="#">AMD Ryzen 3 5400U</a>                 | 11,041   | 1106                      | NA                              | NA             |
| <a href="#">Apple A12X Bionic</a>                 | 11,035   | 1107                      | NA                              | NA             |
| <a href="#">AMD Ryzen 3 PRO 5450U</a>             | 11,026   | 1108                      | NA                              | NA             |
| <a href="#">Intel Core i5-11320H @ 3.20GHz</a>    | 10,988   | 1109                      | 35.56                           | \$309.00*      |
| <a href="#">AMD Ryzen 3 7330U</a>                 | 10,978   | 1110                      | NA                              | NA             |
| <a href="#">Intel Core i5-1230U</a>               | 10,977   | 1111                      | 35.53                           | \$309.00*      |
| <a href="#">AMD Ryzen 3 PRO 4350GE</a>            | 10,971   | 1112                      | NA                              | NA             |
| <a href="#">AMD Ryzen 3 PRO 4200GE</a>            | 10,930   | 1113                      | NA                              | NA             |
| <a href="#">AMD Ryzen 3 4300G</a>                 | 10,922   | 1114                      | 101.70                          | \$107.39       |
| <a href="#">AMD Ryzen 3 PRO 4350G</a>             | 10,921   | 1115                      | NA                              | NA             |
| <a href="#">AMD Ryzen 5 4500U</a>                 | 10,920   | 1116                      | NA                              | NA             |
| <a href="#">Intel Core i5-11300H @ 3.10GHz</a>    | 10,915   | 1117                      | 35.32                           | \$309.00*      |
| <a href="#">Intel Xeon E5-4655 v4 @ 2.50GHz</a>   | 10,912   | 1118                      | 2.36                            | \$4,616.00*    |
| <a href="#">Mediatek MT6989</a>                   | 10,899   | 1119                      | NA                              | NA             |
| <a href="#">Intel Xeon E-2176M @ 2.70GHz</a>      | 10,890   | 1120                      | 24.20                           | \$450.00*      |
| <a href="#">Samsung s5e9945</a>                   | 10,882   | 1121                      | NA                              | NA             |
| <a href="#">Intel Core i3-1215U</a>               | 10,879   | 1122                      | NA                              | NA             |
| <a href="#">Intel Core i7-9850HE @ 2.70GHz</a>    | 10,868   | 1123                      | 27.51                           | \$395.00*      |
| <a href="#">Intel Xeon E5-4650 v3 @ 2.10GHz</a>   | 10,838   | 1124                      | 2.82                            | \$3,838.00*    |
| <a href="#">Intel Core i5-10500E @ 3.10GHz</a>    | 10,827   | 1125                      | 55.52                           | \$195.00*      |
| <a href="#">Intel Core i7-9750H @ 2.60GHz</a>     | 10,818   | 1126                      | 11.27                           | \$960.00*      |
| <a href="#">Intel Core i7-9700T @ 2.00GHz</a>     | 10,776   | 1127                      | 33.36                           | \$323.00*      |
| <a href="#">Intel Core i7-6800K @ 3.40GHz</a>     | 10,769   | 1128                      | 119.65                          | \$90.00        |
| <a href="#">Virtual @ 3.41GHz</a>                 | 10,760   | 1129                      | NA                              | NA             |
| <a href="#">Intel Core i7-1195G7 @ 2.90GHz</a>    | 10,748   | 1130                      | 25.23                           | \$426.00*      |
| <a href="#">Intel Core i5-9600K @ 3.70GHz</a>     | 10,682   | 1131                      | 22.22                           | \$107.00       |
| <a href="#">Intel Xeon E5-2</a>                   |          |                           |                                 | \$39.56*       |



## CPU Benchmarks

| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i7-9750HF @ 2.60GHz</a>    | 10,608   | 1134                      | 26.86                           | \$395.00*      |
| <a href="#">AMD Ryzen 3 PRO 4355GE</a>            | 10,559   | 1135                      | NA                              | NA             |
| <a href="#">Intel Xeon W-2225 @ 4.10GHz</a>       | 10,533   | 1136                      | 20.36                           | \$517.38*      |
| <a href="#">Intel Xeon E5-2658 v2 @ 2.40GHz</a>   | 10,528   | 1137                      | 83.07                           | \$126.74*      |
| <a href="#">Intel Xeon E5-4620 v3 @ 2.00GHz</a>   | 10,525   | 1138                      | 521.58                          | \$20.18*       |
| <a href="#">Intel Core i3-1210U</a>               | 10,513   | 1139                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-2660 v2 @ 2.20GHz</a>   | 10,485   | 1140                      | 617.13                          | \$16.99        |
| <a href="#">Intel Core i9-8950HK @ 2.90GHz</a>    | 10,472   | 1141                      | 17.96                           | \$583.00*      |
| <a href="#">Intel Xeon E5-2643 v3 @ 3.40GHz</a>   | 10,465   | 1142                      | 45.51                           | \$229.95       |
| <a href="#">Intel Xeon D-1567 @ 2.10GHz</a>       | 10,447   | 1143                      | NA                              | NA             |
| <a href="#">Intel Core i5-9600 @ 3.10GHz</a>      | 10,440   | 1144                      | 65.25                           | \$160.00       |
| <a href="#">Intel Xeon E5-1650 v3 @ 3.50GHz</a>   | 10,424   | 1145                      | 6.91                            | \$1,508.00     |
| <a href="#">Intel Xeon E-2126G @ 3.30GHz</a>      | 10,392   | 1146                      | 30.56                           | \$339.99*      |
| <a href="#">Intel Xeon E5-2630 v3 @ 2.40GHz</a>   | 10,382   | 1147                      | 1,156.11                        | \$8.98         |
| <a href="#">Intel Core i7-1185G7 @ 3.00GHz</a>    | 10,379   | 1148                      | 24.36                           | \$426.00*      |
| <a href="#">Intel Xeon E5-4640 v3 @ 1.90GHz</a>   | 10,372   | 1149                      | NA                              | NA             |
| <a href="#">QTI QCS8550</a>                       | 10,369   | 1150                      | NA                              | NA             |
| <a href="#">Intel Xeon Silver 4109T @ 2.00GHz</a> | 10,348   | 1151                      | 14.95                           | \$692.02*      |
| <a href="#">Intel Core i7-5930K @ 3.50GHz</a>     | 10,323   | 1152                      | 46.42                           | \$222.37*      |
| <a href="#">Intel Core i7-1365URE</a>             | 10,278   | 1153                      | 22.20                           | \$463.00*      |
| <a href="#">Intel Core i3-10325 @ 3.90GHz</a>     | 10,268   | 1155                      | 54.01                           | \$190.10*      |
| <a href="#">Intel Xeon E5-1660 v2 @ 3.70GHz</a>   | 10,268   | 1154                      | 16.72                           | \$614.29*      |
| <a href="#">Intel Core i7-1185G7E @ 2.80GHz</a>   | 10,256   | 1156                      | 23.80                           | \$431.00*      |
| <a href="#">Intel Xeon Silver 4110 @ 2.10GHz</a>  | 10,215   | 1157                      | 68.12                           | \$149.95       |
| <a href="#">Intel Core i7-8850H @ 2.60GHz</a>     | 10,214   | 1158                      | 25.86                           | \$395.00*      |
| <a href="#">Intel Core i7-9700TE @ 1.80GHz</a>    | 10,203   | 1159                      | 31.59                           | \$323.00*      |
| <a href="#">Intel Core i5-8600K @ 3.60GHz</a>     | 10,202   | 1160                      | 113.36                          | \$90.00        |
| <a href="#">Intel Core i7-1165G7 @ 2.80GHz</a>    | 10,189   | 1161                      | 23.92                           | \$426.00*      |
| <a href="#">Intel Core i7-8700T @ 2.40GHz</a>     | 10,180   | 1162                      | 51.16                           | \$199.00       |
| <a href="#">Snapdragon 8cx Gen 3 @ 2.69 GHz</a>   | 10,110   | 1163                      | NA                              | NA             |
| <a href="#">Intel Core i5-1155G7 @ 2.50GHz</a>    | 10,106   | 1164                      | 32.71                           | \$309.00*      |
| <a href="#">Intel Core i5-10500T @ 2.30GHz</a>    | 10,084   | 1165                      | 100.85                          | \$99.99*       |
| <a href="#">Intel Core i7-4900Y @ 2.00GHz</a>     | 10,000   | 1166                      | 45.05                           | \$219.00       |
| <a href="#">Intel Xeon D-15</a>                   |          |                           |                                 | NA             |

| CPU Name | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|----------|---------------------------|---------------------------------|----------------|
|----------|----------|---------------------------|---------------------------------|----------------|



## CPU Benchmarks

|  |        |      |        |             |
|--|--------|------|--------|-------------|
| <a href="#">Intel Xeon W-2125 @ 4.00GHz</a>          | 10,031 | 1168 | 17.76  | \$564.95*   |
| <a href="#">Intel Xeon D-1540 @ 2.00GHz</a>          | 10,025 | 1170 | NA     | NA          |
| <a href="#">Intel Core i3-10320 @ 3.80GHz</a>        | 10,011 | 1171 | 71.51  | \$139.99    |
| <a href="#">Intel Xeon E5-2687W @ 3.10GHz</a>        | 9,996  | 1172 | 8.47   | \$1,180.00* |
| <a href="#">Intel Core i3-N305</a>                   | 9,975  | 1173 | 32.28  | \$309.00*   |
| <a href="#">Intel Core i5-8600 @ 3.10GHz</a>         | 9,970  | 1174 | 77.29  | \$129.00    |
| <a href="#">AMD Ryzen 3 PRO 4450U</a>                | 9,949  | 1175 | NA     | NA          |
| <a href="#">Intel Xeon E5-2628L v3 @ 2.00GHz</a>     | 9,949  | 1176 | NA     | NA          |
| <a href="#">Intel Xeon E5-2630L v4 @ 1.80GHz</a>     | 9,943  | 1177 | 116.98 | \$85.00*    |
| <a href="#">Intel Core i7-11390H @ 3.40GHz</a>       | 9,935  | 1178 | 23.32  | \$426.00*   |
| <a href="#">Apple A15 Bionic</a>                     | 9,903  | 1179 | NA     | NA          |
| <a href="#">Intel Xeon E-2274G @ 4.00GHz</a>         | 9,892  | 1180 | 22.92  | \$431.54*   |
| <a href="#">Intel Core i3-1215UE</a>                 | 9,886  | 1181 | 31.59  | \$313.00*   |
| <a href="#">Intel Core i7-8750H @ 2.20GHz</a>        | 9,886  | 1182 | 25.03  | \$395.00*   |
| <a href="#">ARM Firestorm-M1-Pro 8 Core 2064 MHz</a> | 9,872  | 1183 | NA     | NA          |
| <a href="#">Intel Xeon E5-2650 v2 @ 2.60GHz</a>      | 9,866  | 1184 | 75.92  | \$129.95    |
| <a href="#">Intel Core i5-9500TE @ 2.20GHz</a>       | 9,861  | 1185 | 51.36  | \$192.00*   |
| <a href="#">Intel Xeon E5-2648L v3 @ 1.80GHz</a>     | 9,847  | 1186 | 16.40  | \$600.53*   |
| <a href="#">Intel Core i7-5820K @ 3.30GHz</a>        | 9,841  | 1187 | 70.80  | \$139.00    |
| <a href="#">Intel Core i5-9500 @ 3.00GHz</a>         | 9,801  | 1188 | 79.68  | \$123.00    |
| <a href="#">Intel Core i5-1145G7 @ 2.60GHz</a>       | 9,799  | 1189 | NA     | NA          |
| <a href="#">Intel Core i7-13800HRE</a>               | 9,781  | 1190 | 19.72  | \$496.00*   |
| <a href="#">Intel Core i5-10400T @ 2.00GHz</a>       | 9,771  | 1191 | 53.69  | \$182.00*   |
| <a href="#">Intel Xeon E-2324G @ 3.10GHz</a>         | 9,771  | 1192 | 35.53  | \$274.99    |
| <a href="#">Intel Core i5-1135G7 @ 2.40GHz</a>       | 9,754  | 1193 | 31.57  | \$309.00*   |
| <a href="#">Intel Xeon E5-2690 @ 2.90GHz</a>         | 9,740  | 1194 | 5.18   | \$1,882.00  |
| <a href="#">Intel Xeon D-1718T @ 2.60GHz</a>         | 9,713  | 1195 | 30.93  | \$314.00*   |
| <a href="#">Intel Xeon E-2174G @ 3.80GHz</a>         | 9,689  | 1196 | 31.72  | \$305.46*   |
| <a href="#">Intel Xeon E5-2689 @ 2.60GHz</a>         | 9,685  | 1197 | 52.99  | \$182.75*   |
| <a href="#">AMD Ryzen 3 5300U</a>                    | 9,673  | 1198 | NA     | NA          |
| <a href="#">Intel Core i7-7700K @ 4.20GHz</a>        | 9,647  | 1199 | 74.22  | \$129.99    |
| <a href="#">AMD Ryzen 5 PRO 3350GE</a>               | 9,643  | 1200 | NA     | NA          |
| <a href="#">Intel Xeon E-2274G @ 2.00GHz</a>         | 9,634  | 1204 | 22.75  | \$334.73*   |
| <a href="#">Intel Core i5-96</a>                     |        |      |        | \$213.00*   |



## CPU Benchmarks

| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i7-7740X @ 4.30GHz</a>                 | 9,607    | 1204                      | 107.94                          | \$89.00        |
| <a href="#">Intel Xeon E5-4620 v2 @ 2.60GHz</a>               | 9,590    | 1205                      | 105.38                          | \$91.00*       |
| <a href="#">Intel Core i7-10710U @ 1.10GHz</a>                | 9,581    | 1206                      | 14.85                           | \$644.99*      |
| <a href="#">Intel Xeon Bronze 3408U</a>                       | 9,557    | 1207                      | 23.03                           | \$415.00*      |
| <a href="#">Intel Core i5-8500 @ 3.00GHz</a>                  | 9,545    | 1208                      | 87.57                           | \$109.00       |
| <a href="#">Intel Xeon E5-2651 v2 @ 1.80GHz</a>               | 9,544    | 1209                      | 34.32                           | \$278.10*      |
| <a href="#">ARM HUAWEI,Kunpeng 920 24 Core 2600 MHz</a>       | 9,496    | 1210                      | NA                              | NA             |
| <a href="#">Intel Xeon Gold 5222 @ 3.80GHz</a>                | 9,489    | 1211                      | 11.16                           | \$850.56       |
| <a href="#">Intel U300E</a>                                   | 9,478    | 1212                      | 48.36                           | \$196.00*      |
| <a href="#">Intel Core i7-1265UE</a>                          | 9,471    | 1213                      | 20.06                           | \$472.00*      |
| <a href="#">AMD Ryzen 5 2500X</a>                             | 9,469    | 1214                      | NA                              | NA             |
| <a href="#">Intel Core i5-9400F @ 2.90GHz</a>                 | 9,466    | 1215                      | 135.26                          | \$69.98        |
| <a href="#">ZHAOXIN KaiXian KX-7000</a>                       | 9,450    | 1216                      | NA                              | NA             |
| <a href="#">AMD Custom APU 0932</a>                           | 9,443    | 1217                      | NA                              | NA             |
| <a href="#">Intel Core i7-4930K @ 3.40GHz</a>                 | 9,400    | 1218                      | 95.92                           | \$98.00        |
| <a href="#">Intel Xeon E5-2680 @ 2.70GHz</a>                  | 9,396    | 1219                      | 28.05                           | \$335.00       |
| <a href="#">Intel Core i5-9400 @ 2.90GHz</a>                  | 9,378    | 1220                      | 70.02                           | \$133.93       |
| <a href="#">Intel Xeon E5-4655 v3 @ 2.90GHz</a>               | 9,377    | 1221                      | 2.03                            | \$4,616.00*    |
| <a href="#">Apple A12Z Bionic</a>                             | 9,365    | 1222                      | NA                              | NA             |
| <a href="#">Snapdragon 8 Gen2 Mobile Platform for Galaxy.</a> | 9,362    | 1223                      | NA                              | NA             |
| <a href="#">AMD Ryzen 5 3350GE</a>                            | 9,343    | 1224                      | NA                              | NA             |
| <a href="#">Intel Core i5-8600T @ 2.30GHz</a>                 | 9,331    | 1225                      | 46.66                           | \$199.99*      |
| <a href="#">Intel Xeon E5-1650 v2 @ 3.50GHz</a>               | 9,330    | 1226                      | 40.57                           | \$229.95       |
| <a href="#">Intel Xeon E5-4627 v2 @ 3.30GHz</a>               | 9,320    | 1227                      | 18.68                           | \$498.95*      |
| <a href="#">Intel Xeon E-2144G @ 3.60GHz</a>                  | 9,314    | 1228                      | 28.07                           | \$331.84*      |
| <a href="#">Intel Core i3-10300 @ 3.70GHz</a>                 | 9,308    | 1229                      | 124.11                          | \$75.00        |
| <a href="#">Intel Pentium Gold 8505</a>                       | 9,305    | 1230                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1275 v6 @ 3.80GHz</a>               | 9,303    | 1231                      | 26.07                           | \$356.83*      |
| <a href="#">Intel Core i3-10305 @ 3.80GHz</a>                 | 9,291    | 1232                      | 39.73                           | \$233.89       |
| <a href="#">Intel Xeon D-1557 @ 1.50GHz</a>                   | 9,285    | 1233                      | 13.38                           | \$694.00*      |
| <a href="#">Intel Core i5-1245UE</a>                          | 9,283    | 1234                      | 29.75                           | \$312.00*      |
| <a href="#">Intel Core i5-1145G7E @ 2.60GHz</a>               | 9,279    | 1235                      | 29.74                           | \$312.00*      |
| <a href="#">Intel Core i7-1065G7 @ 2.30GHz</a>                | 9,278    | 1236                      | 24.78                           | \$426.00*      |
| <a href="#">AMD Ryzen 5 F</a>                                 |          |                           |                                 | NA             |



## CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Hygon C86 3185 8-core</a>            | 9,243    | 1239                      | NA                              | NA             |
| <a href="#">Intel Xeon E-2134 @ 3.50GHz</a>      | 9,239    | 1240                      | 13.25                           | \$697.00*      |
| <a href="#">Intel Core i5-8400 @ 2.80GHz</a>     | 9,233    | 1241                      | 112.59                          | \$82.00        |
| <a href="#">AMD Ryzen 5 7520U</a>                | 9,214    | 1242                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-2620 v4 @ 2.10GHz</a>  | 9,193    | 1243                      | 167.14                          | \$55.00        |
| <a href="#">Intel Xeon E5-2643 v2 @ 3.50GHz</a>  | 9,184    | 1244                      | 460.35                          | \$19.95*       |
| <a href="#">Intel Core i7-1160G7 @ 1.20GHz</a>   | 9,181    | 1245                      | 21.55                           | \$426.00*      |
| <a href="#">Intel Xeon E5-2629 v3 @ 2.40GHz</a>  | 9,139    | 1246                      | 18.28                           | \$499.88*      |
| <a href="#">Mediatek MT6983W/CZA</a>             | 9,136    | 1247                      | NA                              | NA             |
| <a href="#">QTI SM8550</a>                       | 9,121    | 1248                      | NA                              | NA             |
| <a href="#">Intel Xeon E-2234 @ 3.60GHz</a>      | 9,114    | 1249                      | 15.44                           | \$590.42       |
| <a href="#">Mediatek MT8798Z/CNZA</a>            | 9,110    | 1250                      | NA                              | NA             |
| <a href="#">Intel Xeon D-1715TER @ 2.40GHz</a>   | 9,104    | 1251                      | 31.94                           | \$285.00*      |
| <a href="#">AMD Ryzen 5 1500X</a>                | 9,101    | 1252                      | 201.08                          | \$45.26        |
| <a href="#">AMD Ryzen 5 PRO 1500</a>             | 9,099    | 1253                      | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 3400G</a>            | 9,091    | 1254                      | NA                              | NA             |
| <a href="#">Intel Xeon D-1548 @ 2.00GHz</a>      | 9,075    | 1255                      | 16.35                           | \$555.00*      |
| <a href="#">Intel Xeon E5-4648 v3 @ 1.70GHz</a>  | 9,061    | 1256                      | NA                              | NA             |
| <a href="#">Intel Core i9-9900B @ 3.10GHz</a>    | 9,060    | 1257                      | NA                              | NA             |
| <a href="#">Intel Core i5-1140G7 @ 1.10GHz</a>   | 9,056    | 1258                      | NA                              | NA             |
| <a href="#">Google Tensor G4</a>                 | 9,051    | 1259                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-2450 v2 @ 2.50GHz</a>  | 9,041    | 1260                      | 31.73                           | \$284.95*      |
| <a href="#">Intel Xeon E3-1280 v6 @ 3.90GHz</a>  | 9,032    | 1261                      | 16.07                           | \$562.00       |
| <a href="#">Intel Core i3-10105F @ 3.70GHz</a>   | 8,996    | 1262                      | 110.32                          | \$81.54        |
| <a href="#">AMD Ryzen 5 3350G</a>                | 8,989    | 1263                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-2670 @ 2.60GHz</a>     | 8,959    | 1264                      | 40.17                           | \$223.00       |
| <a href="#">Intel Core i5-8500B @ 3.00GHz</a>    | 8,945    | 1265                      | 46.59                           | \$192.00*      |
| <a href="#">Intel Xeon E3-1270 v6 @ 3.80GHz</a>  | 8,931    | 1266                      | 12.40                           | \$719.95       |
| <a href="#">Intel Core i7-6700K @ 4.00GHz</a>    | 8,928    | 1267                      | 66.14                           | \$134.99       |
| <a href="#">Intel Xeon Silver 4108 @ 1.80GHz</a> | 8,909    | 1268                      | 44.78                           | \$198.95       |
| <a href="#">AMD Ryzen 5 3400GE</a>               | 8,907    | 1269                      | 25.06                           | \$355.40*      |
| <a href="#">Intel Core i3-1315UE</a>             | 8,906    | 1270                      | 28.55                           | \$312.00*      |
| <a href="#">Intel Core i5-10200G7 @ 2.00GHz</a>  | 8,888    | 1271                      | 27.78                           | \$320.00*      |
| <a href="#">Intel Core i5-31</a>                 |          |                           |                                 | NA             |



## CPU Benchmarks



| CPU Name                                | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <u>AMD Ryzen 3 7320U</u>                | 8,846    | 1274                      | NA                              | NA             |
| <u>Intel Xeon E5-2648L v2 @ 1.90GHz</u> | 8,828    | 1275                      | 9.34                            | \$945.00*      |
| <u>Intel Core i3-1305U</u>              | 8,789    | 1276                      | 28.44                           | \$309.00*      |
| <u>Intel Core i3-10100F @ 3.60GHz</u>   | 8,760    | 1277                      | 131.43                          | \$66.65        |
| <u>Intel Xeon E3-1245 v6 @ 3.70GHz</u>  | 8,759    | 1278                      | 44.13                           | \$198.48       |
| <u>AMD Ryzen 5 2400G</u>                | 8,727    | 1279                      | 117.31                          | \$74.40        |
| <u>Intel Xeon E5-2630L v3 @ 1.80GHz</u> | 8,701    | 1280                      | 110.13                          | \$79.00*       |
| <u>Intel Core i3-N300</u>               | 8,693    | 1281                      | 28.13                           | \$309.00*      |
| <u>ARM - 32 Core 3300 MHz</u>           | 8,684    | 1282                      | NA                              | NA             |
| <u>ARM X-Gene 32 Core 3300 MHz</u>      | 8,684    | 1283                      | NA                              | NA             |
| <u>AMD EPYC 3201</u>                    | 8,672    | 1284                      | NA                              | NA             |
| <u>Intel Xeon E3-1240 v6 @ 3.70GHz</u>  | 8,656    | 1285                      | 288.62                          | \$29.99        |
| <u>Intel Core i3-10100 @ 3.60GHz</u>    | 8,652    | 1286                      | 99.46                           | \$86.99        |
| <u>Intel Core i7-7700 @ 3.60GHz</u>     | 8,648    | 1287                      | 86.48                           | \$100.00       |
| <u>Intel Atom C5125</u>                 | 8,631    | 1288                      | 28.87                           | \$299.00*      |
| <u>Intel Xeon E5-4650 @ 2.70GHz</u>     | 8,630    | 1289                      | 616.90                          | \$13.99*       |
| <u>AMD Ryzen 3 7320C</u>                | 8,614    | 1290                      | NA                              | NA             |
| <u>ARM - 8 Core 2424 MHz</u>            | 8,610    | 1291                      | NA                              | NA             |
| <u>QTI SM7675</u>                       | 8,597    | 1292                      | NA                              | NA             |
| <u>Intel Xeon W-2223 @ 3.60GHz</u>      | 8,584    | 1293                      | 21.47                           | \$399.83       |
| <u>Intel Core i3-10105 @ 3.70GHz</u>    | 8,569    | 1294                      | 99.18                           | \$86.39        |
| <u>AMD Ryzen Embedded V1807B</u>        | 8,553    | 1295                      | NA                              | NA             |
| <u>Apple A14 Bionic</u>                 | 8,546    | 1297                      | NA                              | NA             |
| <u>Intel Core i7-8809G @ 3.10GHz</u>    | 8,546    | 1296                      | NA                              | NA             |
| <u>Intel Core i5-1130G7 @ 1.10GHz</u>   | 8,545    | 1298                      | 27.65                           | \$309.00*      |
| <u>Intel Core i7-3970X @ 3.50GHz</u>    | 8,541    | 1299                      | 123.78                          | \$69.00        |
| <u>Intel Core i5-1145GRE @ 2.60GHz</u>  | 8,536    | 1300                      | 23.58                           | \$362.00*      |
| <u>Intel Xeon E3-1285 v6 @ 4.10GHz</u>  | 8,536    | 1301                      | 8.62                            | \$989.95       |
| <u>Intel Xeon E5-4650L @ 2.60GHz</u>    | 8,533    | 1302                      | 42.66                           | \$200.00*      |
| <u>QTI SM8635</u>                       | 8,530    | 1303                      | NA                              | NA             |
| <u>Mediatek MT8792</u>                  | 8,526    | 1304                      | NA                              | NA             |
| <u>AMD Ryzen 5 PRO 2400G</u>            | 8,512    | 1305                      | NA                              | NA             |
| <u>Intel Core i5-10210U @ 2.60GHz</u>   | 8,502    | 1306                      | 21.61                           | \$250.00*      |
| <u>Intel Xeon W-11000</u>               | 8,498    | 1307                      | NA                              | \$242.00*      |

| CPU Name | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|----------|---------------------------|---------------------------------|----------------|
|----------|----------|---------------------------|---------------------------------|----------------|



## CPU Benchmarks

|   |       |      |        |           |
|---|-------|------|--------|-----------|
| <u>AMD Ryzen Embedded R2544</u>         | 8,486 | 1309 | NA     | NA        |
| <u>Intel Xeon W-2123 @ 3.60GHz</u>      | 8,467 | 1310 | 19.82  | \$427.11* |
| <u>Intel Core i5-10500TE @ 2.30GHz</u>  | 8,449 | 1311 | 43.33  | \$195.00* |
| <u>Intel Xeon E5-2628 v3 @ 2.50GHz</u>  | 8,447 | 1312 | 168.97 | \$49.99*  |
| <u>Intel Core i7-3960X @ 3.30GHz</u>    | 8,446 | 1313 | 30.73  | \$274.85* |
| <u>Mediatek MT8195</u>                  | 8,419 | 1314 | NA     | NA        |
| <u>Intel Xeon E5-1660 @ 3.30GHz</u>     | 8,413 | 1315 | 31.49  | \$267.19* |
| <u>Intel Xeon E3-1585 v5 @ 3.50GHz</u>  | 8,408 | 1316 | 15.12  | \$556.00* |
| <u>Intel Xeon E3-1280 v5 @ 3.70GHz</u>  | 8,407 | 1317 | 28.12  | \$298.95  |
| <u>Intel Atom x7835RE</u>               | 8,400 | 1318 | 66.14  | \$127.00* |
| <u>AMD EPYC 3151</u>                    | 8,376 | 1319 | NA     | NA        |
| <u>Intel Core i7-8559U @ 2.70GHz</u>    | 8,374 | 1320 | 13.57  | \$617.00* |
| <u>Intel Core i5-10300H @ 2.50GHz</u>   | 8,369 | 1321 | 33.48  | \$250.00* |
| <u>Intel Core i3-10100E @ 3.20GHz</u>   | 8,365 | 1322 | 66.92  | \$125.00* |
| <u>Intel Xeon E3-1270 v5 @ 3.60GHz</u>  | 8,356 | 1323 | 21.29  | \$392.45* |
| <u>Intel Core i5-9400T @ 1.80GHz</u>    | 8,353 | 1324 | 45.89  | \$182.00* |
| <u>Intel Xeon E5-2665 @ 2.40GHz</u>     | 8,307 | 1325 | 55.40  | \$149.95  |
| <u>Intel U300</u>                       | 8,299 | 1326 | 43.00  | \$193.00* |
| <u>Intel Xeon E5-2470 @ 2.30GHz</u>     | 8,295 | 1327 | 66.01  | \$125.66* |
| <u>Intel Core i7-1180G7 @ 1.30GHz</u>   | 8,293 | 1328 | 19.47  | \$426.00* |
| <u>AMD Opteron 6386 SE</u>              | 8,291 | 1329 | 9.42   | \$880.11* |
| <u>Intel Core i7-1065G7 @ 1.30GHz</u>   | 8,289 | 1330 | 19.46  | \$426.00* |
| <u>AMD Ryzen 5 PRO 3400GE</u>           | 8,285 | 1331 | NA     | NA        |
| <u>AMD Ryzen Embedded V1756B</u>        | 8,262 | 1332 | NA     | NA        |
| <u>AMD Athlon Gold PRO 4150GE</u>       | 8,259 | 1333 | NA     | NA        |
| <u>Intel Xeon E3-1240 v5 @ 3.50GHz</u>  | 8,249 | 1334 | 10.27  | \$803.00  |
| <u>Intel Core i7-8569U @ 2.80GHz</u>    | 8,235 | 1335 | 19.11  | \$431.00* |
| <u>ARM Avalanche-M2 4 Core 2424 MHz</u> | 8,233 | 1336 | NA     | NA        |
| <u>Intel Xeon E3-1260L v5 @ 2.90GHz</u> | 8,226 | 1337 | 31.80  | \$258.70* |
| <u>Intel Core i5-9500T @ 2.20GHz</u>    | 8,216 | 1338 | 42.79  | \$192.00* |
| <u>Intel Xeon E3-1230 v6 @ 3.50GHz</u>  | 8,212 | 1339 | 18.25  | \$449.95  |
| <u>Intel Core i7-3930K @ 3.20GHz</u>    | 8,205 | 1340 | 164.13 | \$49.99*  |
| <u>ARM X-Gene 300 3 Core 2000 MHz</u>   | 8,200 | 1344 | NA     | NA        |
| <u>Intel Xeon E-22</u>                  |       |      |        | \$450.00* |

 CPU Benchmarks 

| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon E5-2660 @ 2.20GHz</a>     | 8,149    | 1344                      | 627.33                          | \$12.99        |
| <a href="#">Intel Xeon E-2314 @ 2.80GHz</a>      | 8,146    | 1345                      | 33.47                           | \$243.37*      |
| <a href="#">Google Tensor G3</a>                 | 8,145    | 1346                      | NA                              | NA             |
| <a href="#">Intel Core i5-10200H @ 2.40GHz</a>   | 8,139    | 1347                      | 32.56                           | \$250.00*      |
| <a href="#">Intel Core i3-10305T @ 3.00GHz</a>   | 8,136    | 1348                      | 56.90                           | \$143.00*      |
| <a href="#">ARM - 32 Core 2911 MHz</a>           | 8,132    | 1349                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-1650 @ 3.20GHz</a>     | 8,114    | 1350                      | 78.02                           | \$104.00*      |
| <a href="#">Intel Core i5-1035G7 @ 1.20GHz</a>   | 8,108    | 1351                      | 25.34                           | \$320.00*      |
| <a href="#">AMD Ryzen 7 3750H</a>                | 8,105    | 1352                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1585L v5 @ 3.00GHz</a> | 8,083    | 1353                      | 18.16                           | \$445.00*      |
| <a href="#">Intel Core i7-6700 @ 3.40GHz</a>     | 8,080    | 1354                      | 103.73                          | \$77.90        |
| <a href="#">Intel Xeon E3-1285L v4 @ 3.40GHz</a> | 8,074    | 1355                      | 6.61                            | \$1,222.00*    |
| <a href="#">Intel Core i7-4790K @ 4.00GHz</a>    | 8,064    | 1356                      | 80.72                           | \$99.90        |
| <a href="#">CentaurHauls @2500MHz</a>            | 8,055    | 1357                      | NA                              | NA             |
| <a href="#">Intel Core i7-1185GRE @ 2.80GHz</a>  | 8,046    | 1358                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1245 v5 @ 3.50GHz</a>  | 8,028    | 1359                      | 23.73                           | \$338.27*      |
| <a href="#">Intel Xeon D-1559 @ 1.50GHz</a>      | 8,015    | 1360                      | NA                              | NA             |
| <a href="#">AMD Ryzen 7 2800H</a>                | 8,013    | 1361                      | NA                              | NA             |
| <a href="#">AMD Ryzen 5 2600H</a>                | 8,002    | 1362                      | NA                              | NA             |
| <a href="#">Intel Core i3-10105T @ 3.00GHz</a>   | 7,997    | 1363                      | 88.86                           | \$89.99        |
| <a href="#">Intel Xeon D-2712T @ 1.90GHz</a>     | 7,990    | 1364                      | 22.01                           | \$363.00*      |
| <a href="#">Intel Core i3-10300T @ 3.00GHz</a>   | 7,975    | 1365                      | 80.55                           | \$99.00        |
| <a href="#">Intel Xeon E3-1535M v6 @ 3.10GHz</a> | 7,953    | 1366                      | 12.77                           | \$623.00*      |
| <a href="#">Intel Core i7-8709G @ 3.10GHz</a>    | 7,947    | 1367                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1515M v5 @ 2.80GHz</a> | 7,938    | 1368                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1230 v5 @ 3.40GHz</a>  | 7,930    | 1369                      | 209.79                          | \$37.80        |
| <a href="#">Intel Core i5-9400H @ 2.50GHz</a>    | 7,902    | 1370                      | 31.61                           | \$250.00*      |
| <a href="#">Intel Core i7-9850HL @ 1.90GHz</a>   | 7,897    | 1371                      | 19.99                           | \$395.00*      |
| <a href="#">Mediatek Dimensity 9200 (MT6985)</a> | 7,878    | 1372                      | NA                              | NA             |
| <a href="#">Intel Core i5-8259U @ 2.30GHz</a>    | 7,874    | 1373                      | 15.14                           | \$519.99*      |
| <a href="#">Intel Core i5-1035G4 @ 1.10GHz</a>   | 7,868    | 1374                      | 25.46                           | \$309.00*      |
| <a href="#">Intel Core i7-995X @ 3.60GHz</a>     | 7,862    | 1375                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1575M v5 @ 3.00GHz</a> | 7,857    | 1376                      | 6.54                            | \$1,207.00*    |
| <a href="#">AMD Opteron 6</a>                    |          |                           |                                 | \$1,100.11*    |



## CPU Benchmarks

| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon E3-1285 v4 @ 3.50GHz</a>  | 7,808    | 1379                      | NA                              | NA             |
| <a href="#">Intel Core i7-5950HQ @ 2.90GHz</a>   | 7,807    | 1380                      | NA                              | NA             |
| <a href="#">ARM Firestorm 4 Core 2064 MHz</a>    | 7,804    | 1381                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-2620 v3 @ 2.40GHz</a>  | 7,804    | 1382                      | 269.10                          | \$29.00        |
| <a href="#">ARM Firestorm-M1 4 Core 2064 MHz</a> | 7,803    | 1383                      | NA                              | NA             |
| <a href="#">AMD Ryzen Embedded V1807F</a>        | 7,775    | 1384                      | NA                              | NA             |
| <a href="#">AMD Ryzen 5 3550H</a>                | 7,763    | 1385                      | NA                              | NA             |
| <a href="#">AMD Ryzen 5 1400</a>                 | 7,755    | 1386                      | 70.50                           | \$110.00       |
| <a href="#">Mediatek MT6983Z/CZA</a>             | 7,726    | 1387                      | NA                              | NA             |
| <a href="#">Intel Core i5-8500T @ 2.10GHz</a>    | 7,724    | 1388                      | 33.59                           | \$229.95*      |
| <a href="#">AMD Athlon Gold PRO 3150G</a>        | 7,702    | 1389                      | NA                              | NA             |
| <a href="#">Intel Core i3-9350K @ 4.00GHz</a>    | 7,700    | 1390                      | 64.71                           | \$119.00       |
| <a href="#">Intel Core i7-5775C @ 3.30GHz</a>    | 7,697    | 1391                      | 44.02                           | \$174.85       |
| <a href="#">Intel Core i7-8705G @ 3.10GHz</a>    | 7,687    | 1392                      | 5.01                            | \$1,535.11*    |
| <a href="#">Mediatek MT6895Z_A/TCZA</a>          | 7,686    | 1393                      | NA                              | NA             |
| <a href="#">AMD Ryzen 5 3550U</a>                | 7,681    | 1394                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1270L v4 @ 3.00GHz</a> | 7,662    | 1395                      | NA                              | NA             |
| <a href="#">AMD Ryzen 5 PRO 2400GE</a>           | 7,660    | 1396                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-2440 v2 @ 1.90GHz</a>  | 7,655    | 1397                      | 58.91                           | \$129.95*      |
| <a href="#">Intel Xeon E-2224G @ 3.50GHz</a>     | 7,641    | 1398                      | 28.51                           | \$268.02*      |
| <a href="#">Intel Core i5-8400H @ 2.50GHz</a>    | 7,636    | 1399                      | 30.55                           | \$250.00*      |
| <a href="#">MediaTek MT6895</a>                  | 7,615    | 1400                      | NA                              | NA             |
| <a href="#">Intel Core i7-5775R @ 3.30GHz</a>    | 7,609    | 1401                      | NA                              | NA             |
| <a href="#">Intel Xeon D-1531 @ 2.20GHz</a>      | 7,592    | 1402                      | 21.82                           | \$348.00*      |
| <a href="#">Intel Xeon E5-2640 v2 @ 2.00GHz</a>  | 7,590    | 1403                      | 50.62                           | \$149.95       |
| <a href="#">Intel Xeon E5-2650L v2 @ 1.70GHz</a> | 7,586    | 1404                      | 194.51                          | \$39.00*       |
| <a href="#">Intel Xeon E5-1630 v4 @ 3.70GHz</a>  | 7,585    | 1405                      | NA                              | NA             |
| <a href="#">Intel Core i7-7700T @ 2.90GHz</a>    | 7,580    | 1406                      | 50.53                           | \$150.00       |
| <a href="#">Intel Core i5-9300H @ 2.40GHz</a>    | 7,577    | 1407                      | 30.31                           | \$250.00*      |
| <a href="#">AMD Ryzen 3 2300X</a>                | 7,571    | 1408                      | 42.51                           | \$178.09*      |
| <a href="#">Intel Core i3-9350KF @ 4.00GHz</a>   | 7,549    | 1409                      | 50.68                           | \$148.94*      |
| <a href="#">Intel Core i7-7820EQ @ 3.00GHz</a>   | 7,542    | 1410                      | 19.95                           | \$378.00*      |
| <a href="#">Intel Xeon E3-1274 v3 @ 3.00GHz</a>  | 7,524    | 1414                      | 24.24                           | \$123.50*      |
| <a href="#">Intel Xeon E5-2</a>                  |          |                           |                                 | \$49.00*       |



CPU Benchmarks



| CPU Name                                  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| AMD Ryzen 5 2400GE                        | 7,521    | 1414                      | NA                              | NA             |
| Intel Xeon E3-1535M v5 @ 2.90GHz          | 7,511    | 1415                      | 12.06                           | \$623.00*      |
| Intel Xeon E3-1276 v3 @ 3.60GHz           | 7,508    | 1416                      | 8.29                            | \$906.00*      |
| Intel Core i5-8260U @ 1.60GHz             | 7,485    | 1417                      | 17.01                           | \$439.99*      |
| Intel Core i5-8279U @ 2.40GHz             | 7,477    | 1418                      | 23.36                           | \$320.00*      |
| Intel Core i5-8257U @ 1.40GHz             | 7,475    | 1419                      | 23.36                           | \$320.00*      |
| Intel Xeon E5-2630 v2 @ 2.60GHz           | 7,473    | 1420                      | 66.72                           | \$112.00       |
| Intel Xeon E5-2637 v4 @ 3.50GHz           | 7,472    | 1421                      | 62.30                           | \$119.95       |
| AMD Ryzen 7 PRO 3700U                     | 7,471    | 1423                      | NA                              | NA             |
| Intel Xeon E3-1505M v6 @ 3.00GHz          | 7,471    | 1422                      | NA                              | NA             |
| Intel Core i5-8300H @ 2.30GHz             | 7,462    | 1424                      | 29.85                           | \$250.00*      |
| Intel Xeon E3-1281 v3 @ 3.70GHz           | 7,452    | 1425                      | 13.64                           | \$546.25*      |
| Intel Xeon E5-2608L v4 @ 1.60GHz          | 7,447    | 1426                      | 20.51                           | \$363.00*      |
| Intel Xeon D-1537 @ 1.70GHz               | 7,444    | 1428                      | 13.04                           | \$571.00*      |
| Mediatek MT6897                           | 7,444    | 1427                      | NA                              | NA             |
| Intel Core i5-8400T @ 1.70GHz             | 7,443    | 1429                      | 53.54                           | \$139.00*      |
| AMD Ryzen 3 4300U                         | 7,441    | 1430                      | NA                              | NA             |
| Mediatek Dimensity 8200-Ultimate (MT6896) | 7,435    | 1431                      | NA                              | NA             |
| Intel Xeon E3-1286 v3 @ 3.70GHz           | 7,418    | 1432                      | 8.84                            | \$839.00*      |
| Intel Xeon E5-1630 v3 @ 3.70GHz           | 7,396    | 1433                      | 5.46                            | \$1,354.00*    |
| Intel Xeon E3-1280 v3 @ 3.60GHz           | 7,393    | 1434                      | 29.69                           | \$249.00*      |
| Intel Xeon E5-1620 v4 @ 3.50GHz           | 7,389    | 1435                      | 65.65                           | \$112.55       |
| Intel Core i7-7820HK @ 2.90GHz            | 7,385    | 1436                      | 19.54                           | \$378.00*      |
| Intel Atom P5322                          | 7,378    | 1437                      | 20.96                           | \$352.00*      |
| Intel Xeon E5-2650 @ 2.00GHz              | 7,375    | 1438                      | 143.23                          | \$51.49        |
| Intel Core i5-1035G1 @ 1.00GHz            | 7,370    | 1439                      | 24.81                           | \$297.00*      |
| Intel Core i7-7920HQ @ 3.10GHz            | 7,369    | 1440                      | 12.97                           | \$568.00*      |
| Intel Xeon E-2124G @ 3.40GHz              | 7,365    | 1441                      | 15.86                           | \$464.45*      |
| Intel Xeon @ 2.00GHz                      | 7,363    | 1442                      | NA                              | NA             |
| Intel Core i3-9320 @ 3.70GHz              | 7,358    | 1443                      | 34.12                           | \$215.67*      |
| Intel Core i7-6920HQ @ 2.90GHz            | 7,358    | 1444                      | 12.95                           | \$568.00*      |
| Intel Core i7-8557U @ 1.70GHz             | 7,342    | 1445                      | 17.04                           | \$431.00*      |
| Intel Core i5-9300H @ 2.40GHz             | 7,334    | 1446                      | 22.22                           | \$250.00*      |
| Intel Xeon E-22                           |          |                           |                                 | \$296.95*      |

 CPU Benchmarks 

| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">QTI SM7475</a>                            | 7,310    | 1449                      | NA                              | NA             |
| <a href="#">AMD Ryzen 3 3200GE</a>                    | 7,309    | 1450                      | NA                              | NA             |
| <a href="#">Intel Xeon Phi 7210 @ 1.30GHz</a>         | 7,306    | 1451                      | 3.88                            | \$1,881.00*    |
| <a href="#">Intel Xeon E3-1246 v3 @ 3.50GHz</a>       | 7,296    | 1452                      | 9.63                            | \$758.00*      |
| <a href="#">Mediatek MT6891Z T/CZA</a>                | 7,294    | 1453                      | NA                              | NA             |
| <a href="#">QTI SM8475</a>                            | 7,290    | 1454                      | NA                              | NA             |
| <a href="#">Intel Core i7-8706G @ 3.10GHz</a>         | 7,287    | 1455                      | NA                              | NA             |
| <a href="#">Intel Core i3-10100T @ 3.00GHz</a>        | 7,281    | 1456                      | 59.68                           | \$122.00*      |
| <a href="#">AMD Opteron 6281</a>                      | 7,279    | 1457                      | NA                              | NA             |
| <a href="#">AMD Ryzen 5 3580U</a>                     | 7,271    | 1458                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1270 v3 @ 3.50GHz</a>       | 7,269    | 1459                      | 17.35                           | \$419.00       |
| <a href="#">Intel Core i7-4790 @ 3.60GHz</a>          | 7,268    | 1460                      | 121.23                          | \$59.95        |
| <a href="#">Mediatek MT8797Z/CNZA</a>                 | 7,260    | 1461                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-2637 v3 @ 3.50GHz</a>       | 7,246    | 1462                      | 31.51                           | \$229.95       |
| <a href="#">AMD Ryzen 5 Microsoft Surface Edition</a> | 7,243    | 1463                      | NA                              | NA             |
| <a href="#">Samsung s5e8845</a>                       | 7,238    | 1464                      | NA                              | NA             |
| <a href="#">AMD Ryzen 3 PRO 1300</a>                  | 7,234    | 1465                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-4610 v3 @ 1.70GHz</a>       | 7,229    | 1466                      | 5.93                            | \$1,219.00*    |
| <a href="#">Intel Xeon W3690 @ 3.47GHz</a>            | 7,226    | 1467                      | 144.55                          | \$49.99        |
| <a href="#">Intel Xeon E3-1275 v3 @ 3.50GHz</a>       | 7,213    | 1468                      | 16.27                           | \$443.41       |
| <a href="#">Intel Core i7-6700T @ 2.80GHz</a>         | 7,210    | 1469                      | 54.60                           | \$132.05       |
| <a href="#">Intel Xeon E5-2628L v2 @ 1.90GHz</a>      | 7,181    | 1470                      | NA                              | NA             |
| <a href="#">AMD Ryzen 7 PRO 2700U</a>                 | 7,175    | 1471                      | NA                              | NA             |
| <a href="#">Intel Xeon D-1539 @ 1.60GHz</a>           | 7,175    | 1472                      | 14.76                           | \$486.00*      |
| <a href="#">Intel Core i7-7820HQ @ 2.90GHz</a>        | 7,169    | 1473                      | 18.96                           | \$378.00*      |
| <a href="#">Intel 300</a>                             | 7,160    | 1474                      | 87.32                           | \$82.00*       |
| <a href="#">Intel Core i7-990X @ 3.47GHz</a>          | 7,154    | 1475                      | 71.55                           | \$99.99        |
| <a href="#">AMD Ryzen 7 3700U</a>                     | 7,153    | 1476                      | NA                              | NA             |
| <a href="#">vendor Kirin9000E</a>                     | 7,141    | 1477                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1241 v3 @ 3.50GHz</a>       | 7,139    | 1478                      | 28.02                           | \$254.74       |
| <a href="#">Intel Core i3-9300 @ 3.70GHz</a>          | 7,137    | 1480                      | 36.60                           | \$195.00       |
| <a href="#">Intel Core i7-4771 @ 3.50GHz</a>          | 7,137    | 1479                      | 91.52                           | \$77.99        |
| <a href="#">Intel Core i7-4770K @ 3.50GHz</a>         | 7,132    | 1484                      | 52.82                           | \$135.00*      |
| <a href="#">AMD Ryzen 3 3200G</a>                     |          |                           |                                 | \$78.99        |



## CPU Benchmarks

| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i5-8269U @ 2.60GHz</a>    | 7,111    | 1484                      | 22.22                           | \$320.00*      |
| <a href="#">Intel Xeon X5679 @ 3.20GHz</a>       | 7,095    | 1485                      | NA                              | NA             |
| <a href="#">Intel Core i7-6770HQ @ 2.60GHz</a>   | 7,087    | 1486                      | 11.45                           | \$619.00*      |
| <a href="#">Intel Core i7-4770 @ 3.40GHz</a>     | 7,060    | 1487                      | 112.08                          | \$62.99        |
| <a href="#">Intel Core i7-6820HK @ 2.70GHz</a>   | 7,055    | 1488                      | 18.66                           | \$378.00*      |
| <a href="#">Intel Xeon E3-1231 v3 @ 3.40GHz</a>  | 7,047    | 1489                      | 20.14                           | \$349.95       |
| <a href="#">Mediatek MT6895Z_B/TCZA</a>          | 7,044    | 1490                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1240 v3 @ 3.40GHz</a>  | 7,042    | 1491                      | 38.57                           | \$182.56*      |
| <a href="#">Intel Xeon E5-2430 v2 @ 2.50GHz</a>  | 7,039    | 1492                      | 5.71                            | \$1,233.00     |
| <a href="#">Intel Xeon E5-4620 @ 2.20GHz</a>     | 7,037    | 1493                      | 121.43                          | \$57.95        |
| <a href="#">Intel Xeon X5690 @ 3.47GHz</a>       | 7,037    | 1494                      | 37.79                           | \$186.20*      |
| <a href="#">Intel Core i7-5850EQ @ 2.70GHz</a>   | 7,036    | 1495                      | 16.17                           | \$435.00*      |
| <a href="#">Intel Xeon E3-1245 v3 @ 3.40GHz</a>  | 7,022    | 1496                      | 13.15                           | \$534.00*      |
| <a href="#">Intel Core i7-4790S @ 3.20GHz</a>    | 7,015    | 1497                      | 73.05                           | \$96.04        |
| <a href="#">Intel Xeon E5-4640 @ 2.40GHz</a>     | 7,012    | 1498                      | 501.24                          | \$13.99*       |
| <a href="#">AMD Ryzen 5 PRO 3500U</a>            | 7,011    | 1499                      | NA                              | NA             |
| <a href="#">AMD Athlon Gold PRO 3150GE</a>       | 7,006    | 1500                      | NA                              | NA             |
| <a href="#">Intel Core i5-7640X @ 4.00GHz</a>    | 7,001    | 1502                      | 46.99                           | \$149.00       |
| <a href="#">Intel Core i7-6820EQ @ 2.80GHz</a>   | 7,001    | 1501                      | NA                              | NA             |
| <a href="#">AMD Ryzen Embedded R2514</a>         | 6,998    | 1503                      | NA                              | NA             |
| <a href="#">Intel Xeon W3680 @ 3.33GHz</a>       | 6,995    | 1504                      | 55.94                           | \$125.05*      |
| <a href="#">Intel Xeon E5-1620 v3 @ 3.50GHz</a>  | 6,992    | 1505                      | 538.26                          | \$12.99        |
| <a href="#">Intel Xeon E5-4607 v2 @ 2.60GHz</a>  | 6,986    | 1506                      | 95.96                           | \$72.80*       |
| <a href="#">AMD Ryzen 3 PRO 3200G</a>            | 6,978    | 1507                      | NA                              | NA             |
| <a href="#">AMD Ryzen 3 1300X</a>                | 6,977    | 1508                      | 112.07                          | \$62.26*       |
| <a href="#">Intel Xeon E3-1285 v3 @ 3.60GHz</a>  | 6,974    | 1509                      | NA                              | NA             |
| <a href="#">AMD Ryzen 7 3780U</a>                | 6,961    | 1510                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1505M v5 @ 2.80GHz</a> | 6,957    | 1511                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1265L v4 @ 2.30GHz</a> | 6,954    | 1512                      | NA                              | NA             |
| <a href="#">Intel Core i5-8305G @ 2.80GHz</a>    | 6,951    | 1513                      | NA                              | NA             |
| <a href="#">AMD Ryzen 5 3500U</a>                | 6,942    | 1514                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-2623 v4 @ 2.60GHz</a>  | 6,940    | 1515                      | 701.73                          | \$9.89*        |
| <a href="#">Intel Core i7-980 @ 2.80GHz</a>      | 6,938    | 1516                      | 22.85                           | \$290.84*      |
| <a href="#">Intel Xeon E3-1</a>                  |          |                           |                                 | \$774.00*      |



## CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon E-2124 @ 3.30GHz</a>      | 6,915    | 1519                      | 15.05                           | \$459.53*      |
| <a href="#">vendor Kirin9000</a>                 | 6,914    | 1520                      | NA                              | NA             |
| <a href="#">Intel Core i7-7700HQ @ 2.80GHz</a>   | 6,908    | 1521                      | 18.28                           | \$378.00*      |
| <a href="#">Intel Core i3-8350K @ 4.00GHz</a>    | 6,871    | 1522                      | 43.21                           | \$159.00       |
| <a href="#">Intel Core i3-9100E @ 3.10GHz</a>    | 6,868    | 1523                      | NA                              | NA             |
| <a href="#">Intel Core i7-5850HQ @ 2.70GHz</a>   | 6,866    | 1524                      | 15.82                           | \$434.00*      |
| <a href="#">Intel Xeon X5680 @ 3.33GHz</a>       | 6,833    | 1525                      | 284.84                          | \$23.99*       |
| <a href="#">Intel Core i7-4940MX @ 3.10GHz</a>   | 6,830    | 1526                      | 9.76                            | \$699.95*      |
| <a href="#">Intel Xeon D-1528 @ 1.90GHz</a>      | 6,823    | 1527                      | NA                              | NA             |
| <a href="#">Intel Core i7-6820HQ @ 2.70GHz</a>   | 6,819    | 1528                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1230 v3 @ 3.30GHz</a>  | 6,816    | 1529                      | 22.00                           | \$309.88       |
| <a href="#">AMD Ryzen 3 PRO 2200G</a>            | 6,812    | 1530                      | NA                              | NA             |
| <a href="#">Intel Core i7-980X @ 3.33GHz</a>     | 6,811    | 1531                      | 117.45                          | \$57.99        |
| <a href="#">AMD Ryzen 7 2700U</a>                | 6,810    | 1532                      | NA                              | NA             |
| <a href="#">Intel Core i5-7600K @ 3.80GHz</a>    | 6,803    | 1533                      | 85.05                           | \$79.99        |
| <a href="#">Intel Xeon E3-1285L v3 @ 3.10GHz</a> | 6,803    | 1534                      | 7.57                            | \$898.50*      |
| <a href="#">Intel Xeon E5-2623 v3 @ 3.00GHz</a>  | 6,790    | 1535                      | 29.53                           | \$229.95       |
| <a href="#">AMD FX-9590 Eight-Core</a>           | 6,789    | 1536                      | 30.86                           | \$219.99*      |
| <a href="#">ARM Firestorm 8 Core 2064 MHz</a>    | 6,775    | 1537                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-2448L v2 @ 1.80GHz</a> | 6,774    | 1538                      | 4.76                            | \$1,424.00*    |
| <a href="#">AMD Ryzen 3 2200G</a>                | 6,756    | 1539                      | 115.55                          | \$58.47        |
| <a href="#">Intel Core i7-4770S @ 3.10GHz</a>    | 6,748    | 1540                      | 84.36                           | \$79.99        |
| <a href="#">Intel Core i3-9100F @ 3.60GHz</a>    | 6,735    | 1541                      | 134.73                          | \$49.99        |
| <a href="#">Intel Pentium Gold G7400</a>         | 6,735    | 1542                      | 62.58                           | \$107.62       |
| <a href="#">Qualcomm SM8250</a>                  | 6,734    | 1543                      | NA                              | NA             |
| <a href="#">AMD Ryzen 5 3450U</a>                | 6,730    | 1544                      | NA                              | NA             |
| <a href="#">Snapdragon 8cx Gen 2 @ 3.0 GHz</a>   | 6,728    | 1545                      | NA                              | NA             |
| <a href="#">Google Tensor</a>                    | 6,718    | 1546                      | NA                              | NA             |
| <a href="#">QTI SG8175P</a>                      | 6,713    | 1547                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-2630L v2 @ 2.40GHz</a> | 6,703    | 1548                      | 80.70                           | \$83.06*       |
| <a href="#">AMD Ryzen 3 PRO 3200GE</a>           | 6,701    | 1549                      | NA                              | NA             |
| <a href="#">Intel Core i7-10610U @ 1.80GHz</a>   | 6,699    | 1550                      | 16.38                           | \$409.00*      |
| <a href="#">AMD Opteron 6300</a>                 | 6,687    | 1551                      | 10.00                           | \$369.96       |
| <a href="#">AMD Ryzen En</a>                     |          |                           |                                 | NA             |



CPU Benchmarks



| CPU Name                                   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <u>HiSilicon Kirin</u>                     | 6,669    | 1554                      | NA                              | NA             |
| <u>Snapdragon 8cx Gen 2 @ 3.15 GHz</u>     | 6,657    | 1555                      | NA                              | NA             |
| <u>Mediatek MT6895Z/TCZA</u>               | 6,652    | 1556                      | NA                              | NA             |
| <u>AMD Ryzen 5 PRO 2500U</u>               | 6,648    | 1557                      | NA                              | NA             |
| <u>Mediatek MT6891Z/CZA</u>                | 6,644    | 1558                      | NA                              | NA             |
| <u>Mediatek MT8789</u>                     | 6,640    | 1559                      | NA                              | NA             |
| <u>QTI SM7550</u>                          | 6,639    | 1560                      | NA                              | NA             |
| <u>Intel Xeon E3-1275 V2 @ 3.50GHz</u>     | 6,635    | 1561                      | 17.74                           | \$374.00       |
| <u>Intel Core i3-9100 @ 3.60GHz</u>        | 6,627    | 1562                      | 73.35                           | \$90.34        |
| <u>Intel Core i7-4770R @ 3.20GHz</u>       | 6,620    | 1563                      | NA                              | NA             |
| <u>MediaTek MT6983</u>                     | 6,615    | 1564                      | NA                              | NA             |
| <u>Qualcomm Technologies, Inc SM8350AC</u> | 6,588    | 1565                      | NA                              | NA             |
| <u>QTI SM8250</u>                          | 6,586    | 1566                      | NA                              | NA             |
| <u>Intel Core i7-10510U @ 1.80GHz</u>      | 6,584    | 1567                      | 16.10                           | \$409.00*      |
| <u>Intel Xeon E3-1280 V2 @ 3.60GHz</u>     | 6,563    | 1568                      | 12.50                           | \$525.00       |
| <u>Qualcomm Technologies, Inc SA8195P</u>  | 6,554    | 1569                      | NA                              | NA             |
| <u>MT8797Z/CNZA</u>                        | 6,550    | 1570                      | NA                              | NA             |
| <u>CentaurHauls @2000MHz</u>               | 6,549    | 1571                      | NA                              | NA             |
| <u>Qualcomm SM8350</u>                     | 6,549    | 1572                      | NA                              | NA             |
| <u>Intel Core i7-970 @ 3.20GHz</u>         | 6,546    | 1574                      | 12.51                           | \$523.26*      |
| <u>Intel Xeon E5-1620 v2 @ 3.70GHz</u>     | 6,546    | 1573                      | 46.76                           | \$140.00       |
| <u>AMD Ryzen 5 2500U</u>                   | 6,544    | 1576                      | NA                              | NA             |
| <u>QTI SM8350</u>                          | 6,544    | 1575                      | NA                              | NA             |
| <u>Intel Core i5-7600 @ 3.50GHz</u>        | 6,537    | 1577                      | 82.74                           | \$79.00        |
| <u>Intel Xeon E3-1290 V2 @ 3.70GHz</u>     | 6,526    | 1578                      | 7.37                            | \$885.00*      |
| <u>Intel Core i7-6700HQ @ 2.60GHz</u>      | 6,524    | 1579                      | 17.26                           | \$378.00*      |
| <u>Intel Core i7-4980HQ @ 2.80GHz</u>      | 6,523    | 1580                      | NA                              | NA             |
| <u>Intel Xeon E3-1240L v5 @ 2.10GHz</u>    | 6,511    | 1581                      | 23.42                           | \$278.00*      |
| <u>Mediatek MT6891Z_Z/CZA</u>              | 6,509    | 1582                      | NA                              | NA             |
| <u>Intel Core i7-4820K @ 3.70GHz</u>       | 6,495    | 1583                      | 80.63                           | \$80.55        |
| <u>Intel Xeon E3-1270 V2 @ 3.50GHz</u>     | 6,488    | 1585                      | 41.87                           | \$154.96       |
| <u>Samsung s5e9925</u>                     | 6,488    | 1584                      | NA                              | NA             |
| <u>MT6893Z_Z/CZ ^</u>                      | 6,485    | 1586                      | NA                              | NA             |
| <u>Microsoft SQ2 7C</u>                    | 6,482    | 1587                      | NA                              | NA             |

| CPU Name | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|----------|---------------------------|---------------------------------|----------------|
|----------|----------|---------------------------|---------------------------------|----------------|



## CPU Benchmarks

|   |       |      |        |             |
|---|-------|------|--------|-------------|
| <u>Intel Core i7-1060NG7 @ 1.20GHz</u>                    | 6,466 | 1589 | NA     | NA          |
| <u>Intel Core i7-3770K @ 3.50GHz</u>                      | 6,465 | 1590 | 73.46  | \$88.00     |
| <u>Intel Xeon E5-4610 @ 2.40GHz</u>                       | 6,460 | 1591 | 30.58  | \$211.23*   |
| <u>Intel Xeon E5-2637 v2 @ 3.50GHz</u>                    | 6,457 | 1592 | 49.69  | \$129.95*   |
| <u>Odin based Qualcomm Technologies, Inc SM8350</u>       | 6,456 | 1593 | NA     | NA          |
| <u>Intel Xeon W3670 @ 3.20GHz</u>                         | 6,449 | 1594 | 21.85  | \$295.19*   |
| <u>redwood based Qualcomm Technologies, Inc. SM7325</u>   | 6,448 | 1595 | NA     | NA          |
| <u>Intel Xeon Silver 4112 @ 2.60GHz</u>                   | 6,446 | 1596 | 26.88  | \$239.84    |
| <u>Intel Core i5-10310U @ 1.70GHz</u>                     | 6,431 | 1597 | 21.65  | \$297.00*   |
| <u>Qualcomm Technologies, Inc SM7325</u>                  | 6,431 | 1598 | NA     | NA          |
| <u>Mediatek MT6893Z_T/CZA</u>                             | 6,430 | 1599 | NA     | NA          |
| <u>Qualcomm Technologies, Inc SM8250_AC</u>               | 6,416 | 1600 | NA     | NA          |
| <u>Intel Xeon E5-2608L v3 @ 2.00GHz</u>                   | 6,415 | 1601 | 14.55  | \$441.00*   |
| <u>Mediatek MT6889</u>                                    | 6,415 | 1602 | NA     | NA          |
| <u>Intel Core i7-3770 @ 3.40GHz</u>                       | 6,413 | 1604 | 130.88 | \$49.00     |
| <u>Mediatek MT6883Z/CZA</u>                               | 6,413 | 1603 | NA     | NA          |
| <u>AMD Ryzen 3 PRO 2200GE</u>                             | 6,407 | 1605 | NA     | NA          |
| <u>Intel Xeon X5675 @ 3.07GHz</u>                         | 6,396 | 1606 | 457.51 | \$13.98*    |
| <u>QTI SM8450</u>   | 6,389 | 1607 | NA     | NA          |
| <u>AMD Opteron 6282 SE</u>                                | 6,385 | 1608 | 8.29   | \$770.11*   |
| <u>MT6893Z_B/CZA</u>                                      | 6,371 | 1609 | NA     | NA          |
| <u>taoyao based Qualcomm Technologies, Inc. Yupik IDP</u> | 6,359 | 1610 | NA     | NA          |
| <u>Intel Xeon E3-1240 V2 @ 3.40GHz</u>                    | 6,358 | 1611 | 42.39  | \$150.00    |
| <u>Intel Xeon E5-2420 v2 @ 2.20GHz</u>                    | 6,356 | 1612 | 99.84  | \$63.66     |
| <u>Intel Xeon E-2276ML @ 2.00GHz</u>                      | 6,353 | 1613 | NA     | NA          |
| <u>Mediatek Dimensity 7300-Ultra (MT6878).</u>            | 6,350 | 1614 | NA     | NA          |
| <u>AMD Opteron 6276</u>                                   | 6,348 | 1615 | 15.99  | \$396.99    |
| <u>Intel Core i7-4930MX @ 3.00GHz</u>                     | 6,348 | 1616 | 5.79   | \$1,096.00* |
| <u>AMD Ryzen 7 3700C</u>                                  | 6,346 | 1617 | NA     | NA          |
| <u>Intel Core i7-4790T @ 2.70GHz</u>                      | 6,346 | 1618 | 25.39  | \$249.88*   |
| <u>Intel Core i7-4960HQ @ 2.60GHz</u>                     | 6,344 | 1619 | 10.18  | \$623.00*   |
| <u>Intel Xeon E3-1268L v5 @ 2.40GHz</u>                   | 6,334 | 1620 | 13.87  | \$456.54*   |
| <u>Intel Xeon E-2276ML @ 2.00GHz</u>                      | 6,333 | 1621 | NA     | NA          |
| <u>Intel Core i5-66</u>                                   |       |      |        | \$69.00     |



## CPU Benchmarks



| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i7-4870HQ @ 2.50GHz</a>      | 6,310    | 1624                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1245 V2 @ 3.40GHz</a>     | 6,308    | 1625                      | 20.03                           | \$315.00       |
| <a href="#">Intel Core i3-8300 @ 3.70GHz</a>        | 6,305    | 1626                      | 52.98                           | \$119.00       |
| <a href="#">Intel Core i7-4760HQ @ 2.10GHz</a>      | 6,300    | 1627                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-4617 @ 2.90GHz</a>        | 6,298    | 1628                      | 175.52                          | \$35.88*       |
| <a href="#">Intel Xeon E5-2640 @ 2.50GHz</a>        | 6,292    | 1629                      | 125.99                          | \$49.94        |
| <a href="#">Intel Xeon E3-1275L v3 @ 2.70GHz</a>    | 6,290    | 1630                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc KONA-IOT</a> | 6,282    | 1631                      | NA                              | NA             |
| <a href="#">AMD Ryzen 3 1200</a>                    | 6,280    | 1632                      | 66.10                           | \$95.00        |
| <a href="#">Intel Core i7-8650U @ 1.90GHz</a>       | 6,267    | 1633                      | 5.97                            | \$1,049.00*    |
| <a href="#">Intel Xeon E5-1428L v2 @ 2.20GHz</a>    | 6,255    | 1634                      | 307.05                          | \$20.37*       |
| <a href="#">Intel Core i7-8665U @ 1.90GHz</a>       | 6,247    | 1635                      | 8.87                            | \$704.49*      |
| <a href="#">Intel Xeon E5-2620 v2 @ 2.10GHz</a>     | 6,246    | 1636                      | 480.80                          | \$12.99        |
| <a href="#">Intel Core i7-4860HQ @ 2.40GHz</a>      | 6,242    | 1637                      | NA                              | NA             |
| <a href="#">Intel Core i3-10100TE @ 2.30GHz</a>     | 6,237    | 1638                      | 45.19                           | \$138.00*      |
| <a href="#">Intel Core i7-4910MQ @ 2.90GHz</a>      | 6,235    | 1639                      | 13.56                           | \$459.95*      |
| <a href="#">Intel Core i5-8350U @ 1.70GHz</a>       | 6,222    | 1640                      | 20.95                           | \$297.00*      |
| <a href="#">Intel Xeon D-1622 @ 2.60GHz</a>         | 6,205    | 1641                      | 36.50                           | \$170.00*      |
| <a href="#">Intel Xeon E3-1265L v3 @ 2.50GHz</a>    | 6,204    | 1642                      | 15.55                           | \$398.95       |
| <a href="#">Intel Core i5-10210U @ 1.60GHz</a>      | 6,196    | 1644                      | 8.82                            | \$702.62*      |
| <a href="#">Intel Xeon E3-1230 V2 @ 3.30GHz</a>     | 6,196    | 1643                      | 32.62                           | \$189.95       |
| <a href="#">AMD FX-9370 Eight-Core</a>              | 6,193    | 1645                      | 32.35                           | \$191.43       |
| <a href="#">Intel Xeon E5-2650L @ 1.80GHz</a>       | 6,192    | 1646                      | 213.52                          | \$29.00*       |
| <a href="#">Intel Xeon E5-2430L v2 @ 2.40GHz</a>    | 6,190    | 1647                      | NA                              | NA             |
| <a href="#">Intel Core i7-8565UC @ 1.80GHz</a>      | 6,187    | 1648                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-2630 @ 2.30GHz</a>        | 6,183    | 1649                      | 218.18                          | \$28.34        |
| <a href="#">Intel Core i7-3770S @ 3.10GHz</a>       | 6,181    | 1650                      | 104.76                          | \$59.00        |
| <a href="#">Intel Core i3-1025G1 @ 1.20GHz</a>      | 6,180    | 1651                      | NA                              | NA             |
| <a href="#">AMD FX-8370 Eight-Core</a>              | 6,173    | 1652                      | 36.36                           | \$169.75       |
| <a href="#">Intel Core i3-1215UL</a>                | 6,161    | 1653                      | 21.62                           | \$285.00*      |
| <a href="#">AMD Ryzen 3 PRO 1200</a>                | 6,154    | 1654                      | NA                              | NA             |
| <a href="#">Intel Core i7-4850HQ @ 2.30GHz</a>      | 6,143    | 1655                      | 14.15                           | \$434.00*      |
| <a href="#">MT6893Z_C/C7^</a>                       | 6,138    | 1656                      | NA                              | NA             |
| <a href="#">Samsung Exyn</a>                        |          |                           |                                 | NA             |

 CPU Benchmarks 

| CPU Name                                  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <u>SM8350</u>                             | 6,134    | 1659                      | NA                              | NA             |
| <u>vendor Kirin990</u>                    | 6,132    | 1660                      | NA                              | NA             |
| <u>Qualcomm Technologies, Inc SM8350</u>  | 6,117    | 1661                      | NA                              | NA             |
| <u>Intel Core i5-8365U @ 1.60GHz</u>      | 6,112    | 1662                      | 11.34                           | \$539.07*      |
| <u>Intel Core i7-4900MQ @ 2.80GHz</u>     | 6,109    | 1663                      | 30.55                           | \$200.00*      |
| <u>Intel Core i3-9300T @ 3.20GHz</u>      | 6,108    | 1664                      | 42.72                           | \$143.00*      |
| <u>Intel Core i3-8100 @ 3.60GHz</u>       | 6,105    | 1665                      | 152.65                          | \$39.99        |
| <u>Intel Xeon X5670 @ 2.93GHz</u>         | 6,104    | 1666                      | 203.52                          | \$29.99        |
| <u>Intel Xeon E5-2440 @ 2.40GHz</u>       | 6,091    | 1667                      | 3.12                            | \$1,950.00*    |
| <u>Intel Core i7-5675C @ 3.10GHz</u>      | 6,089    | 1668                      | NA                              | NA             |
| <u>Intel Xeon E3-1505L v6 @ 2.20GHz</u>   | 6,088    | 1669                      | NA                              | NA             |
| <u>SM7325</u>                             | 6,074    | 1670                      | NA                              | NA             |
| <u>Intel Xeon E5-2658 @ 2.10GHz</u>       | 6,073    | 1671                      | 4.50                            | \$1,350.70*    |
| <u>AMD Opteron 6344</u>                   | 6,069    | 1672                      | 17.34                           | \$349.99       |
| <u>Qualcomm QCM6490</u>                   | 6,068    | 1673                      | NA                              | NA             |
| <u>Intel Core i7-4810MQ @ 2.80GHz</u>     | 6,066    | 1674                      | 33.71                           | \$179.95*      |
| <u>Intel Core i7-8565U @ 1.80GHz</u>      | 6,065    | 1675                      | 9.86                            | \$615.00*      |
| <u>AMD FX-8350 Eight-Core</u>             | 6,064    | 1677                      | 67.38                           | \$89.99        |
| <u>Qualcomm SM7325</u>                    | 6,064    | 1676                      | NA                              | NA             |
| <u>Intel Core i7-4770HQ @ 2.20GHz</u>     | 6,061    | 1678                      | NA                              | NA             |
| <u>Intel Core i5-6600 @ 3.30GHz</u>       | 6,056    | 1679                      | 121.14                          | \$49.99        |
| <u>Intel Core i3-1115G4 @ 3.00GHz</u>     | 6,055    | 1680                      | 21.55                           | \$281.00*      |
| <u>AMD EPYC 3101 4-Core</u>               | 6,050    | 1682                      | NA                              | NA             |
| <u>MT6893Z_A/CZA</u>                      | 6,050    | 1681                      | NA                              | NA             |
| <u>Intel Core i7-5700HQ @ 2.70GHz</u>     | 6,048    | 1683                      | NA                              | NA             |
| <u>Intel Core i5-7500 @ 3.40GHz</u>       | 6,036    | 1684                      | 104.08                          | \$57.99        |
| <u>AMD Ryzen Embedded R2314</u>           | 6,031    | 1685                      | NA                              | NA             |
| <u>Snapdragon 7cPlus Gen 3 @ 2.40 GHz</u> | 6,028    | 1686                      | NA                              | NA             |
| <u>MT6891Z/CZA</u>                        | 6,025    | 1687                      | NA                              | NA             |
| <u>AMD Ryzen 3 2200GE</u>                 | 6,018    | 1688                      | NA                              | NA             |
| <u>Intel Xeon X5660 @ 2.80GHz</u>         | 6,015    | 1689                      | 40.11                           | \$149.95*      |
| <u>Intel Core i3-8100B @ 3.60GHz</u>      | 6,014    | 1690                      | 45.22                           | \$133.00*      |
| <u>Samsung s5e8</u>                       | 6,011    | 1691                      | NA                              | NA             |
| <u>AMD Ryzen En</u>                       |          |                           |                                 | NA             |

| CPU Name | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|----------|---------------------------|---------------------------------|----------------|
|----------|----------|---------------------------|---------------------------------|----------------|



## CPU Benchmarks

|   |       |      |        |           |
|---|-------|------|--------|-----------|
| <a href="#">Intel Xeon E3-1225 v5 @ 3.30GHz</a>   | 5,984 | 1694 | 34.19  | \$175.00  |
| <a href="#">Intel Core i7-4770T @ 2.50GHz</a>     | 5,973 | 1695 | 79.65  | \$74.99*  |
| <a href="#">AMD Ryzen 3 PRO 3300U</a>             | 5,950 | 1696 | NA     | NA        |
| <a href="#">Intel Core i5-8265U @ 1.60GHz</a>     | 5,950 | 1697 | 11.90  | \$499.88* |
| <a href="#">Intel Core i5-7600T @ 2.80GHz</a>     | 5,927 | 1698 | 40.07  | \$147.91* |
| <a href="#">Intel Xeon E-2104G @ 3.20GHz</a>      | 5,913 | 1699 | 11.59  | \$510.00* |
| <a href="#">QTI SM7325</a>                        | 5,912 | 1700 | NA     | NA        |
| <a href="#">Intel Core i7-3840QM @ 2.80GHz</a>    | 5,909 | 1701 | 10.77  | \$548.87* |
| <a href="#">Intel Core i7-8550U @ 1.80GHz</a>     | 5,905 | 1702 | NA     | NA        |
| <a href="#">AMD Opteron 6378</a>                  | 5,889 | 1703 | 29.45  | \$199.99* |
| <a href="#">Intel Xeon E5-2450L @ 1.80GHz</a>     | 5,880 | 1704 | 75.39  | \$78.00*  |
| <a href="#">Intel Core i5-8250U @ 1.60GHz</a>     | 5,870 | 1705 | NA     | NA        |
| <a href="#">Intel Xeon E5-1620 @ 3.60GHz</a>      | 5,862 | 1706 | 83.74  | \$70.00   |
| <a href="#">Qualcomm Technologies, Inc SM8250</a> | 5,857 | 1707 | NA     | NA        |
| <a href="#">Intel Core i7-4710MQ @ 2.50GHz</a>    | 5,835 | 1708 | 21.49  | \$271.57* |
| <a href="#">Intel Core i7-3940XM @ 3.00GHz</a>    | 5,831 | 1709 | 16.95  | \$344.04* |
| <a href="#">AMD Ryzen 3 3350U</a>                 | 5,822 | 1710 | NA     | NA        |
| <a href="#">MT6891</a>                            | 5,817 | 1711 | NA     | NA        |
| <a href="#">Intel Xeon E3-1220 v5 @ 3.00GHz</a>   | 5,805 | 1712 | 38.19  | \$152.00  |
| <a href="#">Intel Core i7-5700EQ @ 2.60GHz</a>    | 5,803 | 1713 | NA     | NA        |
| <a href="#">AMD Ryzen 3 PRO 2300U</a>             | 5,795 | 1714 | NA     | NA        |
| <a href="#">Intel Xeon E3-1220 v6 @ 3.00GHz</a>   | 5,783 | 1715 | 26.16  | \$221.09  |
| <a href="#">AMD Opteron 4274 HE</a>               | 5,776 | 1716 | 75.05  | \$76.96*  |
| <a href="#">Intel Xeon E3-1268L v3 @ 2.30GHz</a>  | 5,770 | 1717 | NA     | NA        |
| <a href="#">Intel N97</a>                         | 5,769 | 1718 | 45.07  | \$128.00* |
| <a href="#">Intel Core i7-3820 @ 3.60GHz</a>      | 5,765 | 1719 | 164.76 | \$34.99*  |
| <a href="#">Intel Xeon E3-1225 v6 @ 3.30GHz</a>   | 5,765 | 1720 | 57.65  | \$100.00  |
| <a href="#">Intel Core i7-4720HQ @ 2.60GHz</a>    | 5,760 | 1721 | NA     | NA        |
| <a href="#">Intel Xeon Bronze 3106 @ 1.70GHz</a>  | 5,753 | 1722 | 10.16  | \$566.45  |
| <a href="#">Intel Core i7-2700K @ 3.50GHz</a>     | 5,750 | 1723 | 64.62  | \$88.99   |
| <a href="#">Microsoft SQ1 @ 3.0 GHz</a>           | 5,750 | 1724 | NA     | NA        |
| <a href="#">Intel Core i3-8300T @ 3.20GHz</a>     | 5,749 | 1725 | 36.17  | \$158.95* |
| <a href="#">Spreadtrum UIS7825 (untested)</a>     | 5,744 | 1726 | NA     | NA        |
| <a href="#">Intel Core i5-10</a>                  |       |      |        | NA        |



## CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">MT8195AV/ZA</a>                        | 5,735    | 1729                      | NA                              | NA             |
| <a href="#">Intel Core i7-4800MQ @ 2.70GHz</a>     | 5,715    | 1730                      | 23.81                           | \$239.99*      |
| <a href="#">Intel Xeon E5-1410 v2 @ 2.80GHz</a>    | 5,715    | 1731                      | 297.65                          | \$19.20*       |
| <a href="#">Intel Xeon X5650 @ 2.67GHz</a>         | 5,715    | 1732                      | 38.11                           | \$149.95       |
| <a href="#">Intel Core i5-7440EQ @ 2.90GHz</a>     | 5,711    | 1734                      | 22.84                           | \$250.00*      |
| <a href="#">Intel Core i5-8365UE @ 1.60GHz</a>     | 5,711    | 1733                      | 19.23                           | \$297.00*      |
| <a href="#">Intel Core i7-3920XM @ 2.90GHz</a>     | 5,710    | 1735                      | 5.21                            | \$1,096.00*    |
| <a href="#">Apple A13 Bionic</a>                   | 5,702    | 1736                      | NA                              | NA             |
| <a href="#">MT6893Z D/CZA</a>                      | 5,701    | 1737                      | NA                              | NA             |
| <a href="#">Intel Xeon D-1521 @ 2.40GHz</a>        | 5,696    | 1738                      | NA                              | NA             |
| <a href="#">Intel Core i7-3740QM @ 2.70GHz</a>     | 5,694    | 1739                      | 26.12                           | \$218.02*      |
| <a href="#">Intel Core i5-4690K @ 3.50GHz</a>      | 5,688    | 1740                      | 118.49                          | \$48.00        |
| <a href="#">Intel Core i7-4750HQ @ 2.00GHz</a>     | 5,687    | 1741                      | NA                              | NA             |
| <a href="#">Intel Xeon E5649 @ 2.53GHz</a>         | 5,686    | 1742                      | 440.80                          | \$12.90*       |
| <a href="#">QTI SM6450</a>                         | 5,685    | 1744                      | NA                              | NA             |
| <a href="#">QTI SM7435</a>                         | 5,685    | 1743                      | NA                              | NA             |
| <a href="#">AMD Ryzen 5 3500C</a>                  | 5,682    | 1745                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1205 v6 @ 3.00GHz</a>    | 5,682    | 1746                      | 29.44                           | \$193.00*      |
| <a href="#">AMD Ryzen 3 3300U</a>                  | 5,679    | 1747                      | NA                              | NA             |
| <a href="#">Intel Core i7-3720QM @ 2.60GHz</a>     | 5,671    | 1748                      | 56.74                           | \$99.95*       |
| <a href="#">Intel Xeon Platinum 8151 @ 3.40GHz</a> | 5,669    | 1749                      | NA                              | NA             |
| <a href="#">MT6883Z/CZA</a>                        | 5,665    | 1750                      | NA                              | NA             |
| <a href="#">Qualcomm SM8150</a>                    | 5,664    | 1751                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc KONA</a>    | 5,662    | 1752                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1240L v3 @ 2.00GHz</a>   | 5,655    | 1753                      | 6.31                            | \$895.50*      |
| <a href="#">AMD Opteron 6274</a>                   | 5,643    | 1754                      | 17.10                           | \$329.95       |
| <a href="#">Intel Core i7-3820QM @ 2.70GHz</a>     | 5,630    | 1755                      | 10.26                           | \$549.00*      |
| <a href="#">SM8325</a>                             | 5,629    | 1756                      | NA                              | NA             |
| <a href="#">AMD Opteron 6238</a>                   | 5,625    | 1757                      | 12.79                           | \$439.96       |
| <a href="#">Intel Core i5-6500 @ 3.20GHz</a>       | 5,624    | 1758                      | 144.23                          | \$38.99        |
| <a href="#">Intel Core i7-4700HQ @ 2.40GHz</a>     | 5,623    | 1760                      | 14.68                           | \$383.00*      |
| <a href="#">Intel Xeon E3-1280 @ 3.50GHz</a>       | 5,623    | 1759                      | 15.71                           | \$358.00       |
| <a href="#">Intel Core i7-4720HQ @ 2.40GHz</a>     | 5,622    | 1761                      | NA                              | NA             |
| <a href="#">QTI SM7350</a>                         |          |                           |                                 | NA             |



## CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i5-5675C @ 3.10GHz</a>      | 5,606    | 1764                      | 62.29                           | \$90.00        |
| <a href="#">Intel Core i5-6600T @ 2.70GHz</a>      | 5,604    | 1765                      | 112.11                          | \$49.99        |
| <a href="#">Intel Core i7-3615QE @ 2.30GHz</a>     | 5,601    | 1766                      | NA                              | NA             |
| <a href="#">AMD Opteron 6376</a>                   | 5,572    | 1767                      | 2.91                            | \$1,913.00*    |
| <a href="#">Intel Core i5-4690 @ 3.50GHz</a>       | 5,572    | 1768                      | 99.49                           | \$56.00        |
| <a href="#">Intel Atom x7425E</a>                  | 5,570    | 1769                      | NA                              | NA             |
| <a href="#">Intel Core i5-4670K @ 3.40GHz</a>      | 5,566    | 1770                      | 139.21                          | \$39.98        |
| <a href="#">Intel Core i5-5675R @ 3.10GHz</a>      | 5,563    | 1771                      | NA                              | NA             |
| <a href="#">Snapdragon 7325</a>                    | 5,561    | 1772                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDM778G</a> | 5,553    | 1773                      | NA                              | NA             |
| <a href="#">Snapdragon 855 @ 2.84 GHz</a>          | 5,547    | 1774                      | NA                              | NA             |
| <a href="#">AMD Ryzen 3 2300U</a>                  | 5,544    | 1776                      | NA                              | NA             |
| <a href="#">ARM Neoverse-N2 8 Core 2500 MHz</a>    | 5,544    | 1775                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1226 v3 @ 3.30GHz</a>    | 5,540    | 1777                      | 8.67                            | \$639.00*      |
| <a href="#">Intel Xeon E5-2430L @ 2.00GHz</a>      | 5,539    | 1778                      | 26.21                           | \$211.31*      |
| <a href="#">Intel Core i7-4710HQ @ 2.50GHz</a>     | 5,537    | 1779                      | 14.65                           | \$378.00*      |
| <a href="#">ARM Phytium D3000 8 Core 2500 MHz</a>  | 5,528    | 1780                      | NA                              | NA             |
| <a href="#">Intel Core i5-4690S @ 3.20GHz</a>      | 5,518    | 1781                      | 91.98                           | \$59.99        |
| <a href="#">Intel Xeon E3-1275 @ 3.40GHz</a>       | 5,516    | 1782                      | 34.48                           | \$160.00       |
| <a href="#">Intel Core i7-4785T @ 2.20GHz</a>      | 5,508    | 1783                      | NA                              | NA             |
| <a href="#">Intel N100</a>                         | 5,508    | 1784                      | 43.03                           | \$128.00*      |
| <a href="#">Intel Core i7-4860EQ @ 1.80GHz</a>     | 5,500    | 1785                      | NA                              | NA             |
| <a href="#">Intel Xeon W-2104 @ 3.20GHz</a>        | 5,497    | 1786                      | 21.56                           | \$255.00*      |
| <a href="#">Intel Core i5-7440HQ @ 2.80GHz</a>     | 5,496    | 1787                      | NA                              | NA             |
| <a href="#">Intel Core i5-4670 @ 3.40GHz</a>       | 5,494    | 1788                      | 109.90                          | \$49.99        |
| <a href="#">Intel Xeon E5-2430 @ 2.20GHz</a>       | 5,492    | 1789                      | 140.83                          | \$39.00*       |
| <a href="#">Intel Core i7-2600K @ 3.40GHz</a>      | 5,491    | 1790                      | 109.84                          | \$49.99        |
| <a href="#">Intel Core i3-1115G4E @ 3.00GHz</a>    | 5,483    | 1791                      | 19.24                           | \$285.00*      |
| <a href="#">vendor Kirin985</a>                    | 5,481    | 1792                      | NA                              | NA             |
| <a href="#">Samsung Exynos 2100</a>                | 5,480    | 1793                      | NA                              | NA             |
| <a href="#">QTI SM7450</a>                         | 5,479    | 1794                      | NA                              | NA             |
| <a href="#">Intel Core i5-7400 @ 3.00GHz</a>       | 5,473    | 1795                      | 109.46                          | \$50.00        |
| <a href="#">ARM Cortex-A72 40 Core 2000 MHz</a>    | 5,470    | 1796                      | NA                              | NA             |
| <a href="#">Intel Core i3-91</a>                   |          |                           |                                 | \$122.00*      |

 CPU Benchmarks 

| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <u>AMD FX-8320 Eight-Core</u>                           | 5,445    | 1799                      | 136.20                          | \$39.98        |
| <u>Intel Core i5-6440EQ @ 2.70GHz</u>                   | 5,445    | 1800                      | NA                              | NA             |
| <u>Intel Core i7-3770T @ 2.50GHz</u>                    | 5,444    | 1801                      | 34.77                           | \$156.59*      |
| <u>Intel Xeon E5-2609 v4 @ 1.70GHz</u>                  | 5,443    | 1802                      | 17.79                           | \$305.95*      |
| <u>Intel Core i5-760S @ 2.53GHz</u>                     | 5,440    | 1803                      | NA                              | NA             |
| <u>Intel Xeon E5-2643 @ 3.30GHz</u>                     | 5,433    | 1804                      | 2.96                            | \$1,837.00*    |
| <u>Intel Xeon E3-1290 @ 3.60GHz</u>                     | 5,429    | 1805                      | 6.13                            | \$885.00*      |
| <u>AMD Ryzen Embedded V1500B Quad-core @ 2.20GHz</u>    | 5,417    | 1806                      | NA                              | NA             |
| <u>Intel Core i7-4700EQ @ 2.40GHz</u>                   | 5,417    | 1807                      | NA                              | NA             |
| <u>Mediatek MT6891</u>                                  | 5,412    | 1808                      | NA                              | NA             |
| <u>Intel Xeon E3-1240 @ 3.30GHz</u>                     | 5,403    | 1809                      | 40.93                           | \$132.00*      |
| <u>Venus based on Qualcomm Technologies, Inc SM8350</u> | 5,398    | 1810                      | NA                              | NA             |
| <u>Spreadtrum T820</u>                                  | 5,384    | 1811                      | NA                              | NA             |
| <u>Intel Xeon E5-2418L v2 @ 2.00GHz</u>                 | 5,380    | 1812                      | 8.86                            | \$607.00*      |
| <u>Intel Xeon E3-1270 @ 3.40GHz</u>                     | 5,376    | 1813                      | 30.20                           | \$178.00*      |
| <u>Intel N95</u>  | 5,375    | 1814                      | NA                              | NA             |
| <u>Intel Core i5-6402P @ 2.80GHz</u>                    | 5,370    | 1815                      | 72.55                           | \$74.02*       |
| <u>Intel Core i5-4590 @ 3.30GHz</u>                     | 5,368    | 1816                      | 286.45                          | \$18.74        |
| <u>Intel Pentium Silver N6005 @ 2.00GHz</u>             | 5,367    | 1817                      | NA                              | NA             |
| <u>Haydn based on Qualcomm Technologies, Inc SM8350</u> | 5,359    | 1818                      | NA                              | NA             |
| <u>Intel Core i7-4712HQ @ 2.30GHz</u>                   | 5,352    | 1819                      | 133.84                          | \$39.99*       |
| <u>Intel Core i7-2600 @ 3.40GHz</u>                     | 5,346    | 1820                      | 59.40                           | \$89.99        |
| <u>Intel Core i7-4700MQ @ 2.40GHz</u>                   | 5,344    | 1821                      | 28.42                           | \$188.02*      |
| <u>Intel Core i7-4702HQ @ 2.20GHz</u>                   | 5,339    | 1822                      | NA                              | NA             |
| <u>QTI SM8150</u>                                       | 5,335    | 1823                      | NA                              | NA             |
| <u>Intel Xeon E3-1245 @ 3.30GHz</u>                     | 5,334    | 1824                      | 21.77                           | \$245.00       |
| <u>AMD FX-8300 Eight-Core</u>                           | 5,319    | 1825                      | 127.22                          | \$41.81        |
| <u>Intel Core i7-4712MQ @ 2.30GHz</u>                   | 5,313    | 1826                      | NA                              | NA             |
| <u>Intel Xeon X5687 @ 3.60GHz</u>                       | 5,309    | 1827                      | 27.95                           | \$189.95*      |
| <u>QTI QCM4490</u>                                      | 5,308    | 1828                      | NA                              | NA             |
| <u>AMD FX-8370E Eight-Core</u>                          | 5,306    | 1830                      | 211.05                          | \$25.14*       |
| <u>AMD Opteron 6328</u>                                 | 5,306    | 1829                      | 10.61                           | \$499.99       |
| <u>Intel Xeon E5-2620 @ 2.80GHz</u>                     | 5,305    | 1831                      | 102.37                          | \$51.82*       |
| <u>Intel Xeon E3-1</u>                                  |          |                           |                                 | \$248.65*      |

| CPU Name | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|----------|---------------------------|---------------------------------|----------------|
|----------|----------|---------------------------|---------------------------------|----------------|



## CPU Benchmarks

|  |       |      |        |           |
|--|-------|------|--------|-----------|
| <u>Intel Xeon E5-2620 @ 2.00GHz</u>                    | 5,291 | 1835 | 58.82  | \$89.95   |
| <u>Snapdragon 860 @ 2.96 GHz</u>                       | 5,291 | 1834 | NA     | NA        |
| <u>Intel Core i3-8100T @ 3.10GHz</u>                   | 5,271 | 1836 | 62.01  | \$85.00   |
| <u>Intel Xeon E5-2648L @ 1.80GHz</u>                   | 5,262 | 1837 | NA     | NA        |
| <u>vendor Kirin980</u>                                 | 5,254 | 1838 | NA     | NA        |
| <u>MT6877V/TTZA</u>                                    | 5,253 | 1839 | NA     | NA        |
| <u>Intel Xeon E3-1230L v3 @ 1.80GHz</u>                | 5,251 | 1840 | 21.00  | \$250.00  |
| <u>AMD FX-8150 Eight-Core</u>                          | 5,250 | 1841 | 64.01  | \$82.02   |
| <u>Mediatek MT6875</u>                                 | 5,249 | 1842 | NA     | NA        |
| <u>Intel Core i7-6822EQ @ 2.00GHz</u>                  | 5,241 | 1844 | NA     | NA        |
| <u>Star based on Qualcomm Technologies, Inc SM8350</u> | 5,241 | 1843 | NA     | NA        |
| <u>AMD Opteron 6272</u>                                | 5,240 | 1845 | 40.32  | \$129.95  |
| <u>Mediatek MT6879V T/ZA</u>                           | 5,236 | 1846 | NA     | NA        |
| <u>Intel Core i5-4670R @ 3.00GHz</u>                   | 5,233 | 1847 | 18.96  | \$276.00* |
| <u>Mars based on Qualcomm Technologies, Inc SM8350</u> | 5,230 | 1849 | NA     | NA        |
| <u>Snapdragon 8c @ 2.46 GHz</u>                        | 5,230 | 1848 | NA     | NA        |
| <u>Intel Core i5-4570 @ 3.20GHz</u>                    | 5,226 | 1850 | 106.66 | \$49.00   |
| <u>Intel Core i5-7500T @ 2.70GHz</u>                   | 5,213 | 1852 | 75.55  | \$69.00   |
| <u>Intel Xeon D-1527 @ 2.20GHz</u>                     | 5,213 | 1851 | 24.48  | \$213.00* |
| <u>Intel Xeon E5-1607 v4 @ 3.10GHz</u>                 | 5,200 | 1853 | 29.21  | \$178.02* |
| <u>Intel Core i7-3615QM @ 2.30GHz</u>                  | 5,196 | 1854 | NA     | NA        |
| <u>Intel Pentium Gold 7505 @ 2.00GHz</u>               | 5,190 | 1855 | NA     | NA        |
| <u>Intel Core i7-4702MQ @ 2.20GHz</u>                  | 5,189 | 1856 | 14.74  | \$352.05* |
| <u>Intel Xeon E3-1220 v3 @ 3.10GHz</u>                 | 5,182 | 1857 | 57.61  | \$89.95   |
| <u>Intel Core i7-8665UE @ 1.70GHz</u>                  | 5,170 | 1858 | 12.64  | \$409.00* |
| <u>Intel Core i5-8265UC @ 1.60GHz</u>                  | 5,169 | 1859 | NA     | NA        |
| <u>Intel Core i5-6400 @ 2.70GHz</u>                    | 5,163 | 1860 | 73.77  | \$69.99   |
| <u>Intel Core i5-4670S @ 3.10GHz</u>                   | 5,160 | 1861 | 24.23  | \$213.00* |
| <u>AMD FX-8310 Eight-Core</u>                          | 5,149 | 1862 | 31.39  | \$164.04* |
| <u>Intel Xeon E3-1265L V2 @ 2.50GHz</u>                | 5,148 | 1863 | 11.11  | \$463.39* |
| <u>Intel N200</u>                                      | 5,145 | 1864 | 26.66  | \$193.00* |
| <u>Intel Xeon E3-1230 @ 3.20GHz</u>                    | 5,136 | 1865 | 18.54  | \$277.00  |
| <u>Intel Core i5-4570 @ 3.00GHz</u>                    | 5,134 | 1866 | 227.00 | \$13.99*  |
| <u>Intel Core i7-47</u>                                |       |      |        | \$498.95* |



## CPU Benchmarks



| CPU Name                                 | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <u>MT8188JV/A</u>                        | 5,120    | 1869                      | NA                              | NA             |
| <u>Intel Core i7-3630QM @ 2.40GHz</u>    | 5,119    | 1870                      | 22.35                           | \$229.00*      |
| <u>Intel Atom C3758R @ 2.40GHz</u>       | 5,116    | 1871                      | 22.84                           | \$224.00*      |
| <u>MT6893</u>                            | 5,102    | 1872                      | NA                              | NA             |
| <u>Intel Core i5-6440HQ @ 2.60GHz</u>    | 5,100    | 1873                      | NA                              | NA             |
| <u>AMD FX-8320E Eight-Core</u>           | 5,089    | 1874                      | 56.56                           | \$89.99        |
| <u>Intel Core i5-7300HQ @ 2.50GHz</u>    | 5,088    | 1875                      | NA                              | NA             |
| <u>Hisilicon Kirin9000</u>               | 5,083    | 1877                      | NA                              | NA             |
| <u>Intel Xeon E3-1505L v5 @ 2.00GHz</u>  | 5,083    | 1876                      | NA                              | NA             |
| <u>Intel Xeon W-2102 @ 2.90GHz</u>       | 5,079    | 1878                      | 17.70                           | \$286.99*      |
| <u>Intel Core i5-5575R @ 2.80GHz</u>     | 5,078    | 1879                      | NA                              | NA             |
| <u>vendor Kirin820</u>                   | 5,067    | 1880                      | NA                              | NA             |
| <u>Intel Xeon E3-1235 @ 3.20GHz</u>      | 5,053    | 1881                      | 23.07                           | \$219.00       |
| <u>Intel Xeon E5645 @ 2.40GHz</u>        | 5,046    | 1882                      | 36.83                           | \$137.00*      |
| <u>Intel Xeon X5677 @ 3.47GHz</u>        | 5,043    | 1883                      | 45.84                           | \$110.00*      |
| <u>Intel Core i5-4670K CPT @ 3.40GHz</u> | 5,034    | 1884                      | NA                              | NA             |
| <u>Intel Xeon E5-2420 @ 1.90GHz</u>      | 5,033    | 1885                      | 14.16                           | \$355.55*      |
| <u>Snapdragon 8cx @ 2.84 GHz</u>         | 5,032    | 1886                      | NA                              | NA             |
| <u>Intel Core i7-3610QE @ 2.30GHz</u>    | 5,026    | 1887                      | NA                              | NA             |
| <u>Intel Core i5-4570S @ 2.90GHz</u>     | 5,022    | 1888                      | 25.12                           | \$199.95*      |
| <u>Intel Xeon E3-1235L v5 @ 2.00GHz</u>  | 5,013    | 1889                      | NA                              | NA             |
| <u>Mediatek MT6877</u>                   | 5,009    | 1890                      | NA                              | NA             |
| <u>Intel Xeon X5672 @ 3.20GHz</u>        | 4,996    | 1891                      | 111.05                          | \$44.99*       |
| <u>Mediatek MT6877V/TTZA</u>             | 4,987    | 1892                      | NA                              | NA             |
| <u>Apple A12 Bionic</u>                  | 4,977    | 1893                      | NA                              | NA             |
| <u>Intel Core i3-7350K @ 4.20GHz</u>     | 4,967    | 1894                      | 99.36                           | \$49.99        |
| <u>Intel Core i5-3570K @ 3.40GHz</u>     | 4,953    | 1895                      | 50.03                           | \$99.00        |
| <u>Intel Xeon E5-1607 v3 @ 3.10GHz</u>   | 4,950    | 1896                      | NA                              | NA             |
| <u>Intel Core i5-3570 @ 3.40GHz</u>      | 4,930    | 1897                      | 71.45                           | \$69.00        |
| <u>Intel Core i7-3612QE @ 2.10GHz</u>    | 4,929    | 1898                      | NA                              | NA             |
| <u>Intel Xeon D-1520 @ 2.20GHz</u>       | 4,917    | 1899                      | NA                              | NA             |
| <u>Intel Core i3-1005G1 @ 1.20GHz</u>    | 4,915    | 1900                      | 17.49                           | \$281.00*      |
| <u>Intel Xeon E5-1440 @ 2.80GHz</u>      | 4,915    | 1901                      | 100.05                          | \$44.99*       |
| <u>Intel Core i7-10</u>                  |          |                           |                                 | \$403.00*      |



## CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <u>SM8450</u>  | 4,896    | 1904                      | NA                              | NA             |
| <u>Intel Core i5-4460 @ 3.20GHz</u>                      | 4,888    | 1905                      | 76.33                           | \$64.04        |
| <u>Intel Core i7-4770TE @ 2.30GHz</u>                    | 4,877    | 1906                      | NA                              | NA             |
| <u>Renoir based on Qualcomm Technologies, Inc SM7350</u> | 4,869    | 1907                      | NA                              | NA             |
| <u>AMD FX-8140 Eight-Core</u>                            | 4,860    | 1908                      | 32.65                           | \$148.86*      |
| <u>Samsung Technologies, Inc Exynos E1080</u>            | 4,846    | 1909                      | NA                              | NA             |
| <u>Intel Core i3-7320 @ 4.10GHz</u>                      | 4,844    | 1910                      | 45.28                           | \$106.98*      |
| <u>Mediatek MT6877V/TZA</u>                              | 4,841    | 1911                      | NA                              | NA             |
| <u>Intel Core i5-7442EQ @ 2.10GHz</u>                    | 4,834    | 1912                      | 19.34                           | \$250.00*      |
| <u>Intel Xeon Bronze 3204 @ 1.90GHz</u>                  | 4,832    | 1913                      | 31.29                           | \$154.44       |
| <u>MT6877V/TZA</u>                                       | 4,824    | 1914                      | NA                              | NA             |
| <u>Intel Core i7-3635QM @ 2.40GHz</u>                    | 4,816    | 1915                      | NA                              | NA             |
| <u>Intel Core i5-3550 @ 3.30GHz</u>                      | 4,811    | 1916                      | 14.35                           | \$335.31*      |
| <u>Mediatek MT6877V/ZA</u>                               | 4,800    | 1917                      | NA                              | NA             |
| <u>Intel Core i3-9100TE @ 2.20GHz</u>                    | 4,791    | 1918                      | 39.27                           | \$122.00*      |
| <u>Intel Core i5-6500T @ 2.50GHz</u>                     | 4,791    | 1919                      | 21.63                           | \$221.52*      |
| <u>Intel Core i5-4440 @ 3.10GHz</u>                      | 4,788    | 1920                      | 53.92                           | \$88.80*       |
| <u>MT6877V/ZA</u>  | 4,787    | 1921                      | NA                              | NA             |
| <u>Intel Core i5-6500TE @ 2.30GHz</u>                    | 4,772    | 1922                      | 9.74                            | \$489.95*      |
| <u>Intel Core i7-2960XM @ 2.70GHz</u>                    | 4,754    | 1923                      | 17.07                           | \$278.52*      |
| <u>AMD Opteron 6220</u>                                  | 4,753    | 1924                      | 13.98                           | \$339.99       |
| <u>Intel Xeon E3-1225 V2 @ 3.20GHz</u>                   | 4,752    | 1925                      | 22.64                           | \$209.86*      |
| <u>Intel Core i5-4470S @ 3.00GHz</u>                     | 4,742    | 1926                      | NA                              | NA             |
| <u>AMD Athlon Gold 7220U</u>                             | 4,740    | 1927                      | NA                              | NA             |
| <u>Spreadtrum T760</u>                                   | 4,735    | 1928                      | NA                              | NA             |
| <u>Mediatek Dimensity 7200-Pro (MT6886)</u>              | 4,732    | 1929                      | NA                              | NA             |
| <u>MT8771V/PZA</u>                                       | 4,723    | 1930                      | NA                              | NA             |
| <u>Intel Core i7-3632QM @ 2.20GHz</u>                    | 4,709    | 1931                      | 69.22                           | \$68.02*       |
| <u>Intel Atom C3858 @ 2.00GHz</u>                        | 4,707    | 1933                      | 14.18                           | \$332.00*      |
| <u>Intel Core i5-7400T @ 2.40GHz</u>                     | 4,707    | 1932                      | 62.76                           | \$75.00*       |
| <u>Intel Xeon E5-2603 v4 @ 1.70GHz</u>                   | 4,695    | 1934                      | 31.54                           | \$148.87       |
| <u>Intel Core i5-6300HQ @ 2.30GHz</u>                    | 4,693    | 1935                      | NA                              | NA             |
| <u>Intel Xeon E5-1608 v4 @ 2.00GHz</u>                   | 4,688    | 1936                      | NA                              | NA             |
| <u>Intel Core i5-34</u>                                  |          |                           |                                 | \$59.00        |



CPU Benchmarks



| CPU Name                                  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <u>AMD Opteron 4284</u>                   | 4,665    | 1939                      | 38.89                           | \$119.95       |
| <u>Intel Core i5-4430 @ 3.00GHz</u>       | 4,664    | 1940                      | 66.72                           | \$69.90        |
| <u>Intel Xeon X5667 @ 3.07GHz</u>         | 4,659    | 1941                      | 258.26                          | \$18.04*       |
| <u>Intel Core i7-3612QM @ 2.10GHz</u>     | 4,658    | 1942                      | NA                              | NA             |
| <u>Intel Xeon L5640 @ 2.27GHz</u>         | 4,645    | 1943                      | 51.64                           | \$89.95*       |
| <u>AMD FX-8120 Eight-Core</u>             | 4,641    | 1944                      | 59.49                           | \$78.02*       |
| <u>AMD Athlon Silver PRO 3125GE</u>       | 4,633    | 1945                      | NA                              | NA             |
| <u>AMD Ryzen Embedded V1500B</u>          | 4,633    | 1946                      | NA                              | NA             |
| <u>Intel Core i7-6970HQ @ 2.80GHz</u>     | 4,632    | 1947                      | NA                              | NA             |
| <u>Intel Core i5-3570S @ 3.10GHz</u>      | 4,630    | 1948                      | 77.18                           | \$59.99*       |
| <u>Intel Core i7-2600S @ 2.80GHz</u>      | 4,628    | 1949                      | 38.89                           | \$119.00       |
| <u>Intel Atom C3758 @ 2.20GHz</u>         | 4,614    | 1950                      | 23.91                           | \$193.00*      |
| <u>Intel Core i5-4690T @ 2.50GHz</u>      | 4,608    | 1952                      | NA                              | NA             |
| <u>Snapdragon 8350</u>                    | 4,608    | 1951                      | NA                              | NA             |
| <u>Qualcomm Technologies, Inc SM8150</u>  | 4,593    | 1953                      | NA                              | NA             |
| <u>Samsung Exynos 980</u>                 | 4,584    | 1954                      | NA                              | NA             |
| <u>Intel Core i5-4460S @ 2.90GHz</u>      | 4,583    | 1955                      | 28.66                           | \$159.95*      |
| <u>Qualcomm SC7180P</u>                   | 4,558    | 1956                      | NA                              | NA             |
| <u>AMD FX-6350 Six-Core</u>               | 4,551    | 1958                      | 81.73                           | \$55.68        |
| <u>Intel Celeron G6900</u>                | 4,551    | 1957                      | 113.81                          | \$39.99        |
| <u>MT6877T</u>                            | 4,548    | 1959                      | NA                              | NA             |
| <u>Intel Core i5-4570R @ 2.70GHz</u>      | 4,546    | 1960                      | NA                              | NA             |
| <u>AMD Athlon Silver 3050GE</u>           | 4,545    | 1961                      | NA                              | NA             |
| <u>Mediatek Dimensity 7025 (MT6855)</u>   | 4,545    | 1962                      | NA                              | NA             |
| <u>AMD Athlon 240GE</u>                   | 4,534    | 1963                      | 46.14                           | \$98.27*       |
| <u>Intel Xeon D-1518 @ 2.20GHz</u>        | 4,532    | 1964                      | NA                              | NA             |
| <u>Mediatek MT6833G</u>                   | 4,532    | 1965                      | NA                              | NA             |
| <u>Intel Core i3-7300 @ 4.00GHz</u>       | 4,529    | 1966                      | 48.70                           | \$93.00        |
| <u>Intel Core i3-1115GRE @ 3.00GHz</u>    | 4,524    | 1967                      | 13.38                           | \$338.00*      |
| <u>Intel Core i7-2860QM @ 2.50GHz</u>     | 4,517    | 1968                      | 45.17                           | \$100.00*      |
| <u>Intel Pentium Gold G6605 @ 4.30GHz</u> | 4,509    | 1969                      | 25.12                           | \$179.52*      |
| <u>Mediatek MT8390AV/A</u>                | 4,509    | 1970                      | NA                              | NA             |
| <u>Samsung s5e8725</u>                    | 4,500    | 1971                      | NA                              | NA             |
| <u>AMD Opteron 4</u>                      |          |                           |                                 | \$257.25       |

 CPU Benchmarks 

| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i5-3450 @ 3.10GHz</a>       | 4,502    | 1974                      | 47.39                           | \$95.00*       |
| <a href="#">Qualcomm Technologies, Inc SM8150P</a> | 4,495    | 1975                      | NA                              | NA             |
| <a href="#">Intel Core i5-6442EQ @ 1.90GHz</a>     | 4,487    | 1976                      | 17.95                           | \$250.00*      |
| <a href="#">AMD Athlon 3000G</a>                   | 4,484    | 1977                      | 49.83                           | \$89.99*       |
| <a href="#">Intel Core i5-10210Y @ 1.00GHz</a>     | 4,475    | 1978                      | NA                              | NA             |
| <a href="#">Intel Core i3-6320 @ 3.90GHz</a>       | 4,473    | 1979                      | 46.31                           | \$96.60*       |
| <a href="#">Mediatek DM700</a>                     | 4,471    | 1980                      | NA                              | NA             |
| <a href="#">Mediatek MT6833GP</a>                  | 4,471    | 1981                      | NA                              | NA             |
| <a href="#">Samsung s5e8825</a>                    | 4,471    | 1982                      | NA                              | NA             |
| <a href="#">Intel Core i5-4670T @ 2.30GHz</a>      | 4,441    | 1984                      | 17.15                           | \$259.02*      |
| <a href="#">Intel Xeon X5647 @ 2.93GHz</a>         | 4,441    | 1985                      | 222.81                          | \$19.93*       |
| <a href="#">SM6375</a>                             | 4,441    | 1983                      | NA                              | NA             |
| <a href="#">Intel Xeon Bronze 3104 @ 1.70GHz</a>   | 4,437    | 1986                      | 36.97                           | \$120.00*      |
| <a href="#">AMD FX-6330 Six-Core</a>               | 4,433    | 1987                      | NA                              | NA             |
| <a href="#">Intel Core i3-7101E @ 3.90GHz</a>      | 4,430    | 1988                      | 37.87                           | \$117.00*      |
| <a href="#">Intel Xeon E5-2609 v3 @ 1.90GHz</a>    | 4,430    | 1989                      | 23.32                           | \$189.95       |
| <a href="#">Intel Xeon E5-1603 v3 @ 2.80GHz</a>    | 4,427    | 1990                      | 343.70                          | \$12.88*       |
| <a href="#">AMD Athlon 220GE</a>                   | 4,424    | 1991                      | 36.23                           | \$122.10*      |
| <a href="#">Intel Pentium 6805 @ 1.10GHz</a>       | 4,424    | 1992                      | 27.48                           | \$161.00*      |
| <a href="#">Intel Core i5-3550S @ 3.00GHz</a>      | 4,422    | 1993                      | 29.49                           | \$149.95*      |
| <a href="#">Intel Xeon L5639 @ 2.13GHz</a>         | 4,419    | 1994                      | NA                              | NA             |
| <a href="#">Apple A11 Bionic</a>                   | 4,418    | 1995                      | NA                              | NA             |
| <a href="#">Mediatek MT8771V/PZA</a>               | 4,414    | 1996                      | NA                              | NA             |
| <a href="#">Rockchip RK3588</a>                    | 4,411    | 1997                      | NA                              | NA             |
| <a href="#">Qualcomm SDM845</a>                    | 4,409    | 1998                      | NA                              | NA             |
| <a href="#">AMD Athlon 320GE</a>                   | 4,399    | 1999                      | NA                              | NA             |
| <a href="#">Intel Core i5-4440S @ 2.80GHz</a>      | 4,393    | 2001                      | 35.47                           | \$123.85*      |
| <a href="#">MT6875</a>                             | 4,393    | 2000                      | NA                              | NA             |
| <a href="#">Intel Core i3-8121U @ 2.20GHz</a>      | 4,391    | 2002                      | 15.14                           | \$290.00*      |
| <a href="#">Intel Core i5-3470S @ 2.90GHz</a>      | 4,389    | 2003                      | 60.93                           | \$72.03*       |
| <a href="#">AMD Opteron 4386</a>                   | 4,378    | 2004                      | 9.52                            | \$459.94*      |
| <a href="#">Mediatek MT8781V/NA</a>                | 4,377    | 2005                      | NA                              | NA             |
| <a href="#">Hisilicon Kirin980</a>                 | 4,370    | 2006                      | NA                              | NA             |
| <a href="#">Intel Core i5-34</a>                   |          |                           |                                 | \$89.00*       |



## CPU Benchmarks

| CPU Name                                  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <u>Intel Pentium Gold G6505 @ 4.20GHz</u> | 4,371    | 2009                      | 58.28                           | \$75.00*       |
| <u>Mediatek MT6879V/ZA</u>                | 4,367    | 2010                      | NA                              | NA             |
| <u>Intel Core i7-2820QM @ 2.30GHz</u>     | 4,366    | 2011                      | 11.80                           | \$369.95*      |
| <u>AMD FX-6130 Six-Core</u>               | 4,353    | 2012                      | NA                              | NA             |
| <u>Qualcomm Technologies, Inc SDM750G</u> | 4,350    | 2013                      | NA                              | NA             |
| <u>Intel Celeron J6413 @ 1.80GHz</u>      | 4,349    | 2014                      | NA                              | NA             |
| <u>Intel Core i3-6300 @ 3.80GHz</u>       | 4,343    | 2015                      | 63.84                           | \$68.03        |
| <u>Intel Core i5-4430S @ 2.70GHz</u>      | 4,335    | 2016                      | 22.87                           | \$189.53*      |
| <u>Intel Core i3-7100 @ 3.90GHz</u>       | 4,325    | 2017                      | 78.65                           | \$54.99        |
| <u>Intel Core i3-8100H @ 3.00GHz</u>      | 4,310    | 2018                      | 19.16                           | \$225.00*      |
| <u>AMD Athlon PRO 300GE</u>               | 4,308    | 2019                      | NA                              | NA             |
| <u>QTI SM7250</u>                         | 4,304    | 2020                      | NA                              | NA             |
| <u>QTI SM7225</u>                         | 4,296    | 2021                      | NA                              | NA             |
| <u>Mediatek MT8789V/T</u>                 | 4,293    | 2022                      | NA                              | NA             |
| <u>Intel Core i5-3350P @ 3.10GHz</u>      | 4,289    | 2023                      | 71.49                           | \$60.00*       |
| <u>Intel Core i7-2920XM @ 2.50GHz</u>     | 4,286    | 2024                      | 35.72                           | \$120.00*      |
| <u>Intel Core i5-6400T @ 2.20GHz</u>      | 4,279    | 2025                      | 26.74                           | \$159.99*      |
| <u>Intel Core i5-3475S @ 2.90GHz</u>      | 4,277    | 2026                      | 17.11                           | \$249.95*      |
| <u>AMD Athlon 300GE</u>                   | 4,273    | 2027                      | NA                              | NA             |
| <u>Intel Pentium Gold G6600 @ 4.20GHz</u> | 4,273    | 2028                      | 17.81                           | \$239.90*      |
| <u>Intel Pentium Gold G5620 @ 4.00GHz</u> | 4,272    | 2029                      | 35.60                           | \$120.00       |
| <u>Qualcomm Technologies, Inc SM6375</u>  | 4,266    | 2030                      | NA                              | NA             |
| <u>Intel Core i3-8109U @ 3.00GHz</u>      | 4,263    | 2031                      | 8.53                            | \$499.99*      |
| <u>Mediatek MT6833V/ZA</u>                | 4,259    | 2033                      | NA                              | NA             |
| <u>天玑900</u>                              | 4,259    | 2032                      | NA                              | NA             |
| <u>Mediatek MT6789V/CD</u>                | 4,258    | 2034                      | NA                              | NA             |
| <u>Intel Core i5-6350HQ @ 2.30GHz</u>     | 4,255    | 2035                      | 13.90                           | \$306.00*      |
| <u>Intel Pentium Gold G6405 @ 4.10GHz</u> | 4,244    | 2036                      | 56.33                           | \$75.34        |
| <u>MediaTek G99 Ultimate (MT6789)</u>     | 4,237    | 2037                      | NA                              | NA             |
| <u>Intel Core i3-1110G4 @ 1.80GHz</u>     | 4,236    | 2038                      | 15.07                           | \$281.00*      |
| <u>Intel Core i3-8140U @ 2.10GHz</u>      | 4,227    | 2039                      | NA                              | NA             |
| <u>Intel Core i5-3340 @ 3.10GHz</u>       | 4,227    | 2040                      | 32.53                           | \$129.95*      |
| <u>vendor Kirin81C</u>                    | 4,210    | 2044                      | NA                              | NA             |
| <u>Qualcomm Tec</u>                       |          |                           |                                 | NA             |



## CPU Benchmarks



| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD FX-6300 Six-Core</a>                | 4,209    | 2044                      | 177.09                          | \$23.77        |
| <a href="#">Intel Core i5-2450P @ 3.20GHz</a>       | 4,203    | 2045                      | 32.33                           | \$129.99*      |
| <a href="#">Intel Atom x7433RE</a>                  | 4,194    | 2046                      | NA                              | NA             |
| <a href="#">Mediatek MT6781V/CDZAMB-H</a>           | 4,182    | 2047                      | NA                              | NA             |
| <a href="#">QTI SM6375</a>                          | 4,182    | 2048                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-1607 v2 @ 3.00GHz</a>     | 4,173    | 2049                      | 18.15                           | \$229.95*      |
| <a href="#">MT6833V/PNZA</a>                        | 4,164    | 2050                      | NA                              | NA             |
| <a href="#">Hisilicon Kirin985</a>                  | 4,162    | 2051                      | NA                              | NA             |
| <a href="#">MT6833P</a>                             | 4,158    | 2052                      | NA                              | NA             |
| <a href="#">QTI SM6350</a>                          | 4,152    | 2053                      | NA                              | NA             |
| <a href="#">AMD Ryzen Embedded R1606G</a>           | 4,144    | 2054                      | NA                              | NA             |
| <a href="#">Intel Core i3-6100 @ 3.70GHz</a>        | 4,142    | 2055                      | 48.72                           | \$85.00        |
| <a href="#">Intel Pentium Gold G6500 @ 4.10GHz</a>  | 4,140    | 2056                      | 58.32                           | \$70.98        |
| <a href="#">Qualcomm SM7150</a>                     | 4,138    | 2057                      | NA                              | NA             |
| <a href="#">AMD Opteron 3380</a>                    | 4,134    | 2058                      | 5.11                            | \$809.00*      |
| <a href="#">Intel Core i5-2550K @ 3.40GHz</a>       | 4,134    | 2059                      | 59.14                           | \$69.90        |
| <a href="#">Mediatek MT6853V/TNZA</a>               | 4,128    | 2060                      | NA                              | NA             |
| <a href="#">Intel Pentium Gold G5600F @ 3.90GHz</a> | 4,124    | 2061                      | 137.53                          | \$29.99        |
| <a href="#">Intel Pentium Gold G6400 @ 4.00GHz</a>  | 4,122    | 2062                      | 43.40                           | \$94.99        |
| <a href="#">MT8789V/CT</a>                          | 4,119    | 2063                      | NA                              | NA             |
| <a href="#">Intel Core i5-2500K @ 3.30GHz</a>       | 4,118    | 2064                      | 137.30                          | \$29.99        |
| <a href="#">Intel Celeron N5095A @ 2.00GHz</a>      | 4,117    | 2065                      | NA                              | NA             |
| <a href="#">Intel Core i5-2500 @ 3.30GHz</a>        | 4,115    | 2066                      | 137.21                          | \$29.99        |
| <a href="#">AMD Athlon 200GE</a>                    | 4,114    | 2067                      | 33.20                           | \$123.89*      |
| <a href="#">Intel Pentium J6426 @ 2.00GHz</a>       | 4,108    | 2068                      | 51.35                           | \$80.00*       |
| <a href="#">Mediatek MT8370AV/A</a>                 | 4,107    | 2069                      | NA                              | NA             |
| <a href="#">AMD Opteron 3365</a>                    | 4,105    | 2070                      | NA                              | NA             |
| <a href="#">MT6833V/ZA</a>                          | 4,104    | 2071                      | NA                              | NA             |
| <a href="#">MT8789V/T</a>                           | 4,104    | 2072                      | NA                              | NA             |
| <a href="#">Intel Core i3-8145UE @ 2.20GHz</a>      | 4,099    | 2073                      | 14.59                           | \$281.00*      |
| <a href="#">Intel Core i5-3330 @ 3.00GHz</a>        | 4,098    | 2074                      | 36.91                           | \$111.01*      |
| <a href="#">AMD FX-6200 Six-Core</a>                | 4,097    | 2075                      | 14.63                           | \$279.95*      |
| <a href="#">MediaTek MT6877</a>                     | 4,087    | 2076                      | NA                              | NA             |
| <a href="#">Intel Celeron N5100</a>                 | 4,086    | 2077                      | NA                              | NA             |

 CPU Benchmarks 

| CPU Name                                | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <u>AMD Athlon PRO 300U</u>              | 4,080    | 2080                      | NA                              | NA             |
| <u>ARM - 8 Core 1766 MHz</u>            | 4,080    | 2079                      | NA                              | NA             |
| <u>Intel Core i7-7660U @ 2.50GHz</u>    | 4,075    | 2081                      | NA                              | NA             |
| <u>Intel Core i7-7567U @ 3.50GHz</u>    | 4,074    | 2082                      | 5.55                            | \$733.99*      |
| <u>AMD Opteron 6234</u>                 | 4,072    | 2083                      | 9.47                            | \$429.96       |
| <u>Intel Core i5-4590T @ 2.00GHz</u>    | 4,071    | 2084                      | 51.59                           | \$78.90*       |
| <u>Intel Xeon E3-1260L @ 2.40GHz</u>    | 4,063    | 2085                      | 15.05                           | \$269.99*      |
| <u>AMD Ryzen 3 PRO 2100GE</u>           | 4,062    | 2086                      | NA                              | NA             |
| <u>Mediatek MT6833</u>                  | 4,055    | 2087                      | NA                              | NA             |
| <u>Intel Celeron N5105 @ 2.00GHz</u>    | 4,053    | 2088                      | 13.56                           | \$299.00*      |
| <u>Mediatek MT6853V/NZA</u>             | 4,049    | 2089                      | NA                              | NA             |
| <u>AMD FX-8100 Eight-Core</u>           | 4,046    | 2090                      | 41.28                           | \$98.02*       |
| <u>Intel Core i7-2710QE @ 2.10GHz</u>   | 4,044    | 2091                      | NA                              | NA             |
| <u>Mediatek MT6833V/PNZA</u>            | 4,037    | 2092                      | NA                              | NA             |
| <u>Intel Core i3-6098P @ 3.60GHz</u>    | 4,017    | 2093                      | 68.09                           | \$59.00        |
| <u>AMD Opteron 6212</u>                 | 4,007    | 2094                      | 8.23                            | \$487.00*      |
| <u>QTI QCM5430</u>                      | 4,006    | 2095                      | NA                              | NA             |
| <u>Intel Celeron G6900T</u>             | 4,003    | 2096                      | 95.32                           | \$42.00*       |
| <u>Intel Core i3-6300T @ 3.30GHz</u>    | 4,002    | 2097                      | 30.78                           | \$130.00*      |
| <u>Intel Core i7-2720QM @ 2.20GHz</u>   | 4,000    | 2098                      | 47.06                           | \$85.00*       |
| <u>AMD Athlon Gold 3150U</u>            | 3,992    | 2099                      | NA                              | NA             |
| <u>Intel Core i5-7260U @ 2.20GHz</u>    | 3,987    | 2100                      | 8.48                            | \$469.99*      |
| <u>Qualcomm SC7180</u>                  | 3,978    | 2101                      | NA                              | NA             |
| <u>Intel Core i5-4470 @ 3.30GHz</u>     | 3,971    | 2102                      | NA                              | NA             |
| <u>MT6781V/CD</u>                       | 3,969    | 2103                      | NA                              | NA             |
| <u>Hisilicon Kirin 990</u>              | 3,965    | 2104                      | NA                              | NA             |
| <u>Intel Core i5-3570T @ 2.30GHz</u>    | 3,962    | 2105                      | NA                              | NA             |
| <u>Intel Core i3-7101TE @ 3.40GHz</u>   | 3,957    | 2106                      | 33.82                           | \$117.00*      |
| <u>ARM Cortex-A78AE 8 Core 1984 MHz</u> | 3,954    | 2107                      | NA                              | NA             |
| <u>QTI SM4375</u>                       | 3,950    | 2108                      | NA                              | NA             |
| <u>AMD Opteron 4334</u>                 | 3,949    | 2109                      | 30.39                           | \$129.95       |
| <u>Mediatek MT8789V/CT</u>              | 3,946    | 2110                      | NA                              | NA             |
| <u>Intel Core i5-3340 @ 2.80GHz</u>     | 3,942    | 2111                      | 22.42                           | \$100.00*      |
| <u>AMD A9-9820</u>                      |          |                           |                                 | NA             |



CPU Benchmarks



| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Atom C3958 @ 2.00GHz</a>          | 3,929    | 2114                      | 8.75                            | \$449.00*      |
| <a href="#">Intel Core i7-985 @ 3.47GHz</a>         | 3,928    | 2115                      | NA                              | NA             |
| <a href="#">QTI SM4450</a>                          | 3,918    | 2116                      | NA                              | NA             |
| <a href="#">Qualcomm SM7250</a>                     | 3,914    | 2117                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1225 @ 3.10GHz</a>        | 3,912    | 2118                      | 19.00                           | \$205.88*      |
| <a href="#">AMD Opteron 4332 HE</a>                 | 3,911    | 2119                      | 7.05                            | \$554.92*      |
| <a href="#">ARM Kunpeng-920 8 Core 2600 MHz</a>     | 3,910    | 2120                      | NA                              | NA             |
| <a href="#">Intel Pentium Gold G6400E @ 3.80GHz</a> | 3,908    | 2121                      | 49.46                           | \$79.00*       |
| <a href="#">Intel Atom x6425E @ 2.00GHz</a>         | 3,905    | 2122                      | 69.72                           | \$56.00*       |
| <a href="#">QTI SM7125</a>                          | 3,904    | 2123                      | NA                              | NA             |
| <a href="#">Intel Atom x6413E @ 1.50GHz</a>         | 3,903    | 2124                      | 90.77                           | \$43.00*       |
| <a href="#">Intel Core i3-10110U @ 2.10GHz</a>      | 3,901    | 2125                      | 8.99                            | \$434.17*      |
| <a href="#">Hisilicon Kirin820</a>                  | 3,893    | 2126                      | NA                              | NA             |
| <a href="#">Intel Core i5-3330S @ 2.70GHz</a>       | 3,889    | 2127                      | 19.45                           | \$199.95*      |
| <a href="#">AMD FX-6120 Six-Core</a>                | 3,887    | 2128                      | 67.00                           | \$58.02*       |
| <a href="#">Rockchip RK3576</a>                     | 3,885    | 2129                      | NA                              | NA             |
| <a href="#">MT6781</a>                              | 3,875    | 2130                      | NA                              | NA             |
| <a href="#">Intel Pentium Gold G6500T @ 3.50GHz</a> | 3,874    | 2131                      | 51.65                           | \$75.00*       |
| <a href="#">Intel Celeron J6412 @ 2.00GHz</a>       | 3,870    | 2132                      | 71.66                           | \$54.00*       |
| <a href="#">AMD PRO A12-8870</a>                    | 3,869    | 2133                      | NA                              | NA             |
| <a href="#">AMD Athlon 300U</a>                     | 3,867    | 2134                      | NA                              | NA             |
| <a href="#">Intel Core i5-2400 @ 3.10GHz</a>        | 3,867    | 2135                      | 79.59                           | \$48.58        |
| <a href="#">AMD Phenom II X6 1100T</a>              | 3,865    | 2138                      | 35.14                           | \$109.99       |
| <a href="#">AMD Ryzen Embedded R2312</a>            | 3,865    | 2137                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc</a>          | 3,865    | 2136                      | NA                              | NA             |
| <a href="#">MT8186</a>                              | 3,862    | 2139                      | NA                              | NA             |
| <a href="#">Snapdragon 7c Gen 2 @ 2.55 GHz</a>      | 3,858    | 2140                      | NA                              | NA             |
| <a href="#">Intel Core i3-4370 @ 3.80GHz</a>        | 3,857    | 2141                      | 93.77                           | \$41.13        |
| <a href="#">Intel Core i5-7360U @ 2.30GHz</a>       | 3,848    | 2142                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1220 @ 3.10GHz</a>        | 3,847    | 2143                      | 148.03                          | \$25.99        |
| <a href="#">Intel Core i7-2840QM @ 2.40GHz</a>      | 3,842    | 2144                      | NA                              | NA             |
| <a href="#">Intel Core i7-2675QM @ 2.20GHz</a>      | 3,828    | 2145                      | NA                              | NA             |
| <a href="#">Intel Pentium Gold G5000 @ 3.80GHz</a>  | 3,825    | 2146                      | 42.22                           | \$318.00*      |
| <a href="#">Intel Pentium G</a>                     |          |                           |                                 | \$99.00        |



CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Samsung Exynos 9825</a>                | 3,815    | 2149                      | NA                              | NA             |
| <a href="#">AMD Ryzen 3 3250U</a>                  | 3,813    | 2150                      | NA                              | NA             |
| <a href="#">AMD Athlon X4 970</a>                  | 3,811    | 2151                      | NA                              | NA             |
| <a href="#">Mediatek MT6781</a>                    | 3,807    | 2152                      | NA                              | NA             |
| <a href="#">AMD Ryzen Embedded R1505G</a>          | 3,805    | 2153                      | NA                              | NA             |
| <a href="#">Qualcomm SM6225</a>                    | 3,801    | 2154                      | NA                              | NA             |
| <a href="#">Intel Core i5-6287U @ 3.10GHz</a>      | 3,799    | 2155                      | 12.50                           | \$304.00*      |
| <a href="#">Intel Core i5-2380P @ 3.10GHz</a>      | 3,797    | 2156                      | 45.84                           | \$82.83*       |
| <a href="#">AMD Athlon X4 845</a>                  | 3,796    | 2157                      | 107.12                          | \$35.44*       |
| <a href="#">AMD Ryzen 3 3200U</a>                  | 3,793    | 2158                      | NA                              | NA             |
| <a href="#">Intel Core i7-7560U @ 2.40GHz</a>      | 3,792    | 2159                      | NA                              | NA             |
| <a href="#">Intel Core i3-8145U @ 2.10GHz</a>      | 3,790    | 2161                      | 13.49                           | \$281.00*      |
| <a href="#">Intel Xeon E5630 @ 2.53GHz</a>         | 3,790    | 2160                      | 24.61                           | \$154.00*      |
| <a href="#">MT6833</a>                             | 3,784    | 2162                      | NA                              | NA             |
| <a href="#">Intel Xeon E5640 @ 2.67GHz</a>         | 3,782    | 2163                      | 54.74                           | \$69.10*       |
| <a href="#">Virtual @ 2.56GHz</a>                  | 3,778    | 2164                      | NA                              | NA             |
| <a href="#">Intel Core i5-3335S @ 2.70GHz</a>      | 3,770    | 2165                      | NA                              | NA             |
| <a href="#">AMD Phenom II X6 1090T</a>             | 3,766    | 2167                      | 69.88                           | \$53.89        |
| <a href="#">ARM Cortex-A57 8 Core 1766 MHz</a>     | 3,766    | 2166                      | NA                              | NA             |
| <a href="#">QTI SM7150</a>                         | 3,761    | 2169                      | NA                              | NA             |
| <a href="#">Samsung Exynos 9810</a>                | 3,761    | 2168                      | NA                              | NA             |
| <a href="#">Intel Core i3-7100T @ 3.40GHz</a>      | 3,760    | 2170                      | 25.91                           | \$145.12       |
| <a href="#">QTI QCS5430</a>                        | 3,760    | 2171                      | NA                              | NA             |
| <a href="#">Intel Pentium G4620 @ 3.70GHz</a>      | 3,754    | 2172                      | 26.83                           | \$139.90       |
| <a href="#">AMD PRO A10-8850B</a>                  | 3,752    | 2173                      | NA                              | NA             |
| <a href="#">Mediatek MT6781V/CD</a>                | 3,746    | 2174                      | NA                              | NA             |
| <a href="#">Intel Core i5-7287U @ 3.30GHz</a>      | 3,743    | 2175                      | NA                              | NA             |
| <a href="#">Qualcomm SM7125</a>                    | 3,742    | 2176                      | NA                              | NA             |
| <a href="#">Intel Core i7-2670QM @ 2.20GHz</a>     | 3,738    | 2177                      | 47.91                           | \$78.02        |
| <a href="#">Intel Pentium Gold G5420 @ 3.80GHz</a> | 3,738    | 2178                      | 46.78                           | \$79.90        |
| <a href="#">Intel Pentium Gold G5400 @ 3.70GHz</a> | 3,735    | 2179                      | 45.06                           | \$82.88        |
| <a href="#">Intel Xeon E5-1607 @ 3.00GHz</a>       | 3,731    | 2180                      | 323.58                          | \$11.53*       |
| <a href="#">Intel Xeon E3-1225L @ 3.40GHz</a>      | 3,728    | 2181                      | 42.85                           | \$268.98*      |
| <a href="#">AMD Opteron 3</a>                      |          |                           |                                 | \$72.02*       |

 CPU Benchmarks 

| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i7-7600U @ 2.80GHz</a>              | 3,709    | 2184                      | NA                              | NA             |
| <a href="#">Intel Xeon L5638 @ 2.00GHz</a>                 | 3,707    | 2185                      | 53.03                           | \$69.90*       |
| <a href="#">AMD PRO A12-9800</a>                           | 3,705    | 2186                      | 21.92                           | \$169.00*      |
| <a href="#">QTI SM4350</a>                                 | 3,705    | 2187                      | NA                              | NA             |
| <a href="#">Intel Pentium Gold G6505T @ 3.60GHz</a>        | 3,698    | 2188                      | 41.08                           | \$90.00*       |
| <a href="#">AMD Opteron 6174</a>                           | 3,697    | 2189                      | 4.98                            | \$742.52*      |
| <a href="#">AMD Athlon PRO 200GE</a>                       | 3,693    | 2191                      | NA                              | NA             |
| <a href="#">ZHAOXIN KaiXian KX-U6780@2.7GHz</a>            | 3,693    | 2190                      | NA                              | NA             |
| <a href="#">AMD Ryzen 3 2200U</a>                          | 3,690    | 2192                      | NA                              | NA             |
| <a href="#">AMD FX-6100 Six-Core</a>                       | 3,685    | 2193                      | 83.66                           | \$44.04*       |
| <a href="#">Intel Core i7-6567U @ 3.30GHz</a>              | 3,673    | 2194                      | NA                              | NA             |
| <a href="#">ZHAOXIN KaiXian KX-U6780A@2.7GHz</a>           | 3,673    | 2195                      | NA                              | NA             |
| <a href="#">Intel Core i5-2320 @ 3.00GHz</a>               | 3,669    | 2196                      | 140.51                          | \$26.11        |
| <a href="#">AMD Athlon X4 880K</a>                         | 3,659    | 2197                      | 38.68                           | \$94.61*       |
| <a href="#">Intel Core i5-2310 @ 2.90GHz</a>               | 3,657    | 2198                      | 76.84                           | \$47.59*       |
| <a href="#">Intel Core i3-6100T @ 3.20GHz</a>              | 3,653    | 2199                      | 84.97                           | \$42.99        |
| <a href="#">Intel Core i5-7300U @ 2.60GHz</a>              | 3,653    | 2200                      | 5.83                            | \$627.00*      |
| <a href="#">AMD PRO A10-9700</a>                           | 3,652    | 2201                      | 21.61                           | \$169.00*      |
| <a href="#">MediaTek MT6785V/CD</a>                        | 3,651    | 2202                      | NA                              | NA             |
| <a href="#">MediaTek Kompanio 520/528 (MT8186/MT8186T)</a> | 3,650    | 2203                      | NA                              | NA             |
| <a href="#">Intel Core i3-4360 @ 3.70GHz</a>               | 3,647    | 2205                      | 53.63                           | \$68.00        |
| <a href="#">Intel Core i5-4460T @ 1.90GHz</a>              | 3,647    | 2204                      | NA                              | NA             |
| <a href="#">Intel Core i7-7500U @ 2.70GHz</a>              | 3,646    | 2206                      | 6.76                            | \$539.00*      |
| <a href="#">MT6833V/NZA</a>                                | 3,641    | 2207                      | NA                              | NA             |
| <a href="#">Intel Core i5-7267U @ 3.10GHz</a>              | 3,633    | 2208                      | NA                              | NA             |
| <a href="#">DG1301SML87HY</a>                              | 3,624    | 2209                      | NA                              | NA             |
| <a href="#">Mediatek MT6833P</a>                           | 3,622    | 2210                      | NA                              | NA             |
| <a href="#">Mediatek MT6785</a>                            | 3,618    | 2211                      | NA                              | NA             |
| <a href="#">MT6853V/TNZA</a>                               | 3,616    | 2212                      | NA                              | NA             |
| <a href="#">Intel Pentium G4600 @ 3.60GHz</a>              | 3,610    | 2213                      | 40.15                           | \$89.90        |
| <a href="#">Intel Xeon W3580 @ 3.33GHz</a>                 | 3,609    | 2214                      | 16.82                           | \$214.50*      |
| <a href="#">Intel Core i7-6660U @ 2.40GHz</a>              | 3,606    | 2215                      | 8.69                            | \$415.00*      |
| <a href="#">Intel Core i7-6650U @ 2.80GHz</a>              | 3,605    | 2216                      | NA                              | NA             |
| <a href="#">Intel Pentium G</a>                            |          |                           |                                 | NA             |

 CPU Benchmarks 

| CPU Name                                     | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <u>AMD Athlon X4 950</u>                     | 3,596    | 2219                      | 122.91                          | \$29.26*       |
| <u>Mediatek MT6833V/NZA</u>                  | 3,591    | 2220                      | NA                              | NA             |
| <u>Intel Xeon E5620 @ 2.40GHz</u>            | 3,590    | 2221                      | 119.66                          | \$30.00        |
| <u>Intel Core i3-4170 @ 3.70GHz</u>          | 3,581    | 2222                      | 86.07                           | \$41.60        |
| <u>Qualcomm SM4350</u>                       | 3,575    | 2223                      | NA                              | NA             |
| <u>AMD PRO A10-8770</u>                      | 3,574    | 2224                      | NA                              | NA             |
| <u>AMD Opteron 6176 SE</u>                   | 3,564    | 2225                      | 14.26                           | \$249.89*      |
| <u>Intel Core i3-1000NG4 @ 1.10GHz</u>       | 3,564    | 2226                      | NA                              | NA             |
| <u>Intel Core i7-2630QM @ 2.00GHz</u>        | 3,555    | 2228                      | 18.71                           | \$189.95*      |
| <u>MT6785</u>                                | 3,555    | 2227                      | NA                              | NA             |
| <u>Intel Core i3-8130U @ 2.20GHz</u>         | 3,549    | 2229                      | 12.63                           | \$281.00*      |
| <u>Intel Core i3-4350 @ 3.60GHz</u>          | 3,548    | 2230                      | 31.65                           | \$112.10       |
| <u>AMD A10-9700</u>                          | 3,546    | 2231                      | 118.24                          | \$29.99        |
| <u>Intel Pentium Gold G6400T @ 3.40GHz</u>   | 3,545    | 2232                      | 55.38                           | \$64.00*       |
| <u>AMD A8-7680</u>                           | 3,544    | 2233                      | 96.50                           | \$36.73*       |
| <u>Intel Core i3-4330 @ 3.50GHz</u>          | 3,544    | 2234                      | 38.26                           | \$92.61*       |
| <u>Intel Pentium G4560 @ 3.50GHz</u>         | 3,537    | 2235                      | 51.58                           | \$68.57        |
| <u>AMD A10-7890K</u>                         | 3,533    | 2236                      | 25.94                           | \$136.17*      |
| <u>Intel Pentium N6415 @ 1.20GHz</u>         | 3,532    | 2237                      | 44.15                           | \$80.00*       |
| <u>QTI SM6225</u>                            | 3,525    | 2238                      | NA                              | NA             |
| <u>Snapdragon 835 @ 2.45 GHz</u>             | 3,524    | 2239                      | NA                              | NA             |
| <u>Qualcomm Technologies, Inc SDMMAGPIEP</u> | 3,523    | 2240                      | NA                              | NA             |
| <u>Intel Core i3-4160 @ 3.60GHz</u>          | 3,522    | 2241                      | 75.09                           | \$46.90        |
| <u>Qualcomm MSM8998</u>                      | 3,520    | 2242                      | NA                              | NA             |
| <u>Intel Xeon E5-2418L @ 2.00GHz</u>         | 3,518    | 2243                      | NA                              | NA             |
| <u>AMD Ryzen Embedded V1202B</u>             | 3,512    | 2244                      | NA                              | NA             |
| <u>MT6853V/ZA</u>                            | 3,505    | 2245                      | NA                              | NA             |
| <u>Intel Xeon E5-2407 v2 @ 2.40GHz</u>       | 3,504    | 2246                      | 86.53                           | \$40.49        |
| <u>Intel Core i7-975 @ 3.33GHz</u>           | 3,493    | 2247                      | 7.63                            | \$458.10*      |
| <u>AMD Opteron 4365 EE</u>                   | 3,485    | 2248                      | NA                              | NA             |
| <u>AMD Opteron 6164 HE</u>                   | 3,478    | 2249                      | NA                              | NA             |
| <u>Qualcomm Technologies, Inc ATOLL-AB</u>   | 3,475    | 2250                      | NA                              | NA             |
| <u>AMD A12-9800</u>                          | 3,474    | 2251                      | 5.40                            | \$670.15*      |
| <u>Intel Xeon E5-1</u>                       |          |                           |                                 | \$33.89*       |



## CPU Benchmarks



| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <u>AMD A10 PRO-7850B APU</u>                    | 3,459    | 2254                      | 23.37                           | \$148.02*      |
| <u>Qualcomm Technologies, Inc SM7250</u>        | 3,459    | 2255                      | NA                              | NA             |
| <u>AMD A10-7870K</u>                            | 3,458    | 2256                      | 6.69                            | \$517.20*      |
| <u>Intel Core i7-6498DU @ 2.50GHz</u>           | 3,454    | 2257                      | NA                              | NA             |
| <u>Intel Xeon X5698 @ 4.40GHz</u>               | 3,447    | 2258                      | NA                              | NA             |
| <u>Snapdragon 845 @ 2.8 GHz</u>                 | 3,446    | 2259                      | NA                              | NA             |
| <u>Mediatek MT6779</u>                          | 3,443    | 2260                      | NA                              | NA             |
| <u>AMD Opteron X3421 APU</u>                    | 3,440    | 2261                      | NA                              | NA             |
| <u>AMD A10-8850</u>                             | 3,438    | 2262                      | NA                              | NA             |
| <u>AMD Athlon X4 860K</u>                       | 3,434    | 2263                      | 49.07                           | \$69.97        |
| <u>Intel Core i5-2300 @ 2.80GHz</u>             | 3,434    | 2264                      | 156.14                          | \$21.99*       |
| <u>Intel Core i3-7100H @ 3.00GHz</u>            | 3,430    | 2265                      | 15.25                           | \$225.00*      |
| <u>Intel Core i7-6600U @ 2.60GHz</u>            | 3,430    | 2266                      | NA                              | NA             |
| <u>AMD Embedded R-Series RX-418GD Radeon R6</u> | 3,426    | 2267                      | NA                              | NA             |
| <u>MediaTek MT6853T</u>                         | 3,425    | 2268                      | NA                              | NA             |
| <u>Qualcomm Technologies, Inc SDM765G 5G</u>    | 3,425    | 2269                      | NA                              | NA             |
| <u>Intel Core i7-965 @ 3.20GHz</u>              | 3,424    | 2270                      | 85.61                           | \$39.99        |
| <u>AMD Phenom II X6 1075T</u>                   | 3,423    | 2271                      | 52.63                           | \$65.04*       |
| <u>AMD A8-7500</u>                              | 3,422    | 2272                      | NA                              | NA             |
| <u>Qualcomm Technologies, Inc LAGOON</u>        | 3,418    | 2273                      | NA                              | NA             |
| <u>MediaTek MT6785V/CC</u>                      | 3,412    | 2274                      | NA                              | NA             |
| <u>AMD Athlon X4 870K</u>                       | 3,410    | 2275                      | 99.70                           | \$34.20*       |
| <u>Intel Pentium Gold G5420T @ 3.20GHz</u>      | 3,408    | 2276                      | 53.25                           | \$64.00*       |
| <u>Intel Core i7-2635QM @ 2.00GHz</u>           | 3,406    | 2277                      | NA                              | NA             |
| <u>Qualcomm Technologies, Inc KHAJE</u>         | 3,405    | 2278                      | NA                              | NA             |
| <u>Intel Pentium Silver N5020 @ 1.10GHz</u>     | 3,404    | 2279                      | NA                              | NA             |
| <u>AMD Opteron 4226</u>                         | 3,400    | 2280                      | 35.81                           | \$94.96*       |
| <u>AMD A10-7850K APU</u>                        | 3,395    | 2282                      | 48.50                           | \$69.99        |
| <u>Snapdragon 7c @ 2.40 GHz</u>                 | 3,395    | 2281                      | NA                              | NA             |
| <u>Intel Core i3-4150 @ 3.50GHz</u>             | 3,394    | 2283                      | 84.85                           | \$40.00        |
| <u>Intel Core i5-2500S @ 2.70GHz</u>            | 3,391    | 2284                      | 61.27                           | \$55.34*       |
| <u>Intel Xeon E5-4603 @ 2.00GHz</u>             | 3,391    | 2285                      | 25.65                           | \$132.19*      |
| <u>Qualcomm Technologies, Inc SM7225</u>        | 3,388    | 2286                      | NA                              | NA             |
| <u>AMD Phenom I</u>                             |          |                           |                                 | \$66.37*       |



## CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i5-7200U @ 2.50GHz</a>          | 3,384    | 2289                      | 6.78                            | \$499.00*      |
| <a href="#">Qualcomm Technologies, Inc SDM730G AIE</a> | 3,384    | 2290                      | NA                              | NA             |
| <a href="#">AMD Opteron 6136</a>                       | 3,381    | 2291                      | 9.69                            | \$349.00       |
| <a href="#">Intel Core i5-4340M @ 2.90GHz</a>          | 3,376    | 2292                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDM845</a>      | 3,370    | 2293                      | NA                              | NA             |
| <a href="#">AMD FX-B4150 Quad-Core</a>                 | 3,369    | 2295                      | 37.57                           | \$89.68*       |
| <a href="#">Intel Xeon E5-2609 v2 @ 2.50GHz</a>        | 3,369    | 2294                      | 44.00                           | \$76.58        |
| <a href="#">Qualcomm Technologies, Inc SM7125</a>      | 3,369    | 2296                      | NA                              | NA             |
| <a href="#">Intel Core i3-7167U @ 2.80GHz</a>          | 3,368    | 2298                      | NA                              | NA             |
| <a href="#">Intel Xeon W5580 @ 3.20GHz</a>             | 3,368    | 2297                      | 5.81                            | \$579.45*      |
| <a href="#">Mediatek MT8788</a>                        | 3,367    | 2299                      | NA                              | NA             |
| <a href="#">AMD Athlon X4 850</a>                      | 3,366    | 2301                      | NA                              | NA             |
| <a href="#">Intel Xeon W3565 @ 3.20GHz</a>             | 3,366    | 2300                      | 56.15                           | \$59.95*       |
| <a href="#">AMD Ryzen Embedded R1600</a>               | 3,365    | 2302                      | NA                              | NA             |
| <a href="#">Intel Core i3-4370T @ 3.30GHz</a>          | 3,361    | 2303                      | 24.35                           | \$138.00*      |
| <a href="#">Intel Core i7-960 @ 3.20GHz</a>            | 3,347    | 2304                      | 68.30                           | \$49.00*       |
| <a href="#">Intel Core i5-6267U @ 2.90GHz</a>          | 3,346    | 2305                      | NA                              | NA             |
| <a href="#">Intel Xeon Platinum 8575C</a>              | 3,342    | 2306                      | NA                              | NA             |
| <a href="#">Intel Xeon W5590 @ 3.33GHz</a>             | 3,342    | 2307                      | 2.38                            | \$1,406.34*    |
| <a href="#">Intel Pentium Gold G6405T @ 3.50GHz</a>    | 3,341    | 2308                      | 52.20                           | \$64.00*       |
| <a href="#">Qualcomm Technologies, Inc LITO</a>        | 3,341    | 2309                      | NA                              | NA             |
| <a href="#">AMD Phenom II X6 1405T</a>                 | 3,335    | 2310                      | NA                              | NA             |
| <a href="#">AMD FX-9830P</a>                           | 3,330    | 2312                      | NA                              | NA             |
| <a href="#">MT6853V/NZA</a>                            | 3,330    | 2311                      | NA                              | NA             |
| <a href="#">AMD Phenom II X6 1055T</a>                 | 3,328    | 2313                      | 97.03                           | \$34.30*       |
| <a href="#">AMD FX-4150 Quad-Core</a>                  | 3,327    | 2315                      | NA                              | NA             |
| <a href="#">QTI SM6150</a>                             | 3,327    | 2314                      | NA                              | NA             |
| <a href="#">Intel Core i7-6560U @ 2.20GHz</a>          | 3,326    | 2316                      | NA                              | NA             |
| <a href="#">Snapdragon 850 @ 2.96 GHz</a>              | 3,326    | 2317                      | NA                              | NA             |
| <a href="#">AMD Athlon X4 840</a>                      | 3,325    | 2318                      | 26.61                           | \$124.95*      |
| <a href="#">AMD PRO A8-9600</a>                        | 3,322    | 2319                      | 27.92                           | \$119.00*      |
| <a href="#">AMD A10 PRO-7800B APU</a>                  | 3,319    | 2321                      | NA                              | NA             |
| <a href="#">Intel Core i7-880 @ 2.87GHz</a>            | 3,310    | 2320                      | 47.40                           | \$69.99*       |
| <a href="#">Intel Core i3-61</a>                       |          |                           |                                 | NA             |



## CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i3-4130 @ 3.40GHz</a>         | 3,314    | 2323                      | 80.83                           | \$41.00        |
| <a href="#">AMD FX-4350 Quad-Core</a>                | 3,313    | 2325                      | 36.01                           | \$92.02*       |
| <a href="#">Intel Pentium Gold G5500T @ 3.20GHz</a>  | 3,311    | 2326                      | 44.14                           | \$75.00*       |
| <a href="#">Intel Xeon X5570 @ 2.93GHz</a>           | 3,310    | 2327                      | 33.10                           | \$100.00*      |
| <a href="#">AMD A8-9600</a>                          | 3,307    | 2328                      | 29.40                           | \$112.49*      |
| <a href="#">AMD Embedded R-Series RX-421BD</a>       | 3,302    | 2329                      | NA                              | NA             |
| <a href="#">Mediatek MT8786V/CT</a>                  | 3,300    | 2330                      | NA                              | NA             |
| <a href="#">Intel Xeon L5609 @ 1.87GHz</a>           | 3,298    | 2331                      | NA                              | NA             |
| <a href="#">Intel Core i3-10110Y @ 1.00GHz</a>       | 3,297    | 2332                      | 11.49                           | \$287.00*      |
| <a href="#">AMD Athlon Gold 3150C</a>                | 3,292    | 2333                      | NA                              | NA             |
| <a href="#">Intel Celeron 6600HE @ 2.60GHz</a>       | 3,286    | 2334                      | 27.85                           | \$118.00*      |
| <a href="#">Intel Core i3-4360T @ 3.20GHz</a>        | 3,286    | 2335                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDM720G</a>   | 3,285    | 2336                      | NA                              | NA             |
| <a href="#">AMD A10-7860K</a>                        | 3,282    | 2337                      | 62.08                           | \$52.87        |
| <a href="#">Intel Xeon Platinum 8475B</a>            | 3,280    | 2338                      | NA                              | NA             |
| <a href="#">Intel Core i7-6500U @ 2.50GHz</a>        | 3,276    | 2339                      | 8.34                            | \$393.00*      |
| <a href="#">Intel Xeon X3480 @ 3.07GHz</a>           | 3,273    | 2340                      | NA                              | NA             |
| <a href="#">Intel Xeon X3470 @ 2.93GHz</a>           | 3,269    | 2341                      | 34.57                           | \$94.56*       |
| <a href="#">Intel Xeon W3570 @ 3.20GHz</a>           | 3,267    | 2342                      | 6.95                            | \$469.95*      |
| <a href="#">Qualcomm Technologies, Inc SM7150</a>    | 3,266    | 2343                      | NA                              | NA             |
| <a href="#">ARM - 8 Core 1800 MHz</a>                | 3,258    | 2344                      | NA                              | NA             |
| <a href="#">Intel Core i3-6167U @ 2.70GHz</a>        | 3,255    | 2345                      | NA                              | NA             |
| <a href="#">Intel Pentium Silver J5040 @ 2.00GHz</a> | 3,254    | 2346                      | NA                              | NA             |
| <a href="#">Intel Core i5-4400E @ 2.70GHz</a>        | 3,251    | 2347                      | 12.22                           | \$266.00*      |
| <a href="#">Intel Core i3-4570T @ 2.90GHz</a>        | 3,244    | 2348                      | NA                              | NA             |
| <a href="#">Intel Pentium D1508 @ 2.20GHz</a>        | 3,240    | 2349                      | 25.12                           | \$129.00*      |
| <a href="#">MT6833GP</a>                             | 3,238    | 2350                      | NA                              | NA             |
| <a href="#">BCM2712</a>                              | 3,236    | 2351                      | NA                              | NA             |
| <a href="#">Qualcomm SDM670</a>                      | 3,235    | 2352                      | NA                              | NA             |
| <a href="#">Intel Core i5-4330M @ 2.80GHz</a>        | 3,232    | 2353                      | 11.75                           | \$274.99*      |
| <a href="#">Mediatek MT6768G</a>                     | 3,232    | 2354                      | NA                              | NA             |
| <a href="#">Intel Core i5-6300U @ 2.40GHz</a>        | 3,231    | 2355                      | NA                              | NA             |
| <a href="#">MT8667</a>                               | 3,228    | 2356                      | NA                              | NA             |
| <a href="#">Qualcomm Tec</a>                         |          |                           |                                 | NA             |

| CPU Name | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|----------|---------------------------|---------------------------------|----------------|
|----------|----------|---------------------------|---------------------------------|----------------|



## CPU Benchmarks



|   |       |      |        |             |
|---|-------|------|--------|-------------|
| <u>AMD A10-8750</u>                         | 3,228 | 2359 | NA     | NA          |
| <u>AMD FX-870K Quad Core</u>                | 3,227 | 2361 | NA     | NA          |
| <u>Intel Xeon W3550 @ 3.07GHz</u>           | 3,227 | 2360 | 64.61  | \$49.95*    |
| <u>ZHAOXIN KaiXian KX-U6580@2.5GHz</u>      | 3,227 | 2362 | NA     | NA          |
| <u>Intel Core i5-2405S @ 2.50GHz</u>        | 3,224 | 2363 | 14.91  | \$216.18*   |
| <u>Intel Core i5-4570T @ 2.90GHz</u>        | 3,224 | 2364 | 46.05  | \$70.00*    |
| <u>Intel Core i7-2715QE @ 2.10GHz</u>       | 3,221 | 2365 | NA     | NA          |
| <u>AMD A8-7600 APU</u>                      | 3,220 | 2366 | 107.37 | \$29.99     |
| <u>Intel Core i3-4170T @ 3.20GHz</u>        | 3,218 | 2367 | 16.10  | \$199.95*   |
| <u>Intel Core i7-4610M @ 3.00GHz</u>        | 3,217 | 2368 | NA     | NA          |
| <u>Intel Core i7-950 @ 3.07GHz</u>          | 3,214 | 2369 | 32.14  | \$100.00*   |
| <u>AMD PRO A8-8650B</u>                     | 3,211 | 2370 | NA     | NA          |
| <u>Intel Core i5-6260U @ 1.80GHz</u>        | 3,210 | 2371 | 6.43   | \$499.00*   |
| <u>AMD Athlon Silver 7120U</u>              | 3,209 | 2372 | NA     | NA          |
| <u>AMD A10-7800 APU</u>                     | 3,206 | 2373 | 64.14  | \$49.99     |
| <u>AMD A10-7700K APU</u>                    | 3,203 | 2374 | 25.02  | \$128.02    |
| <u>AMD Phenom II X6 1045T</u>               | 3,200 | 2375 | 66.67  | \$47.99*    |
| <u>Intel Atom x6427FE @ 1.90GHz</u>         | 3,196 | 2376 | 38.51  | \$83.00*    |
| <u>AMD A8-7670K</u>                         | 3,192 | 2377 | 12.84  | \$248.65    |
| <u>AMD A10-6800K APU</u>                    | 3,189 | 2378 | 67.45  | \$47.28     |
| <u>Intel Core i7-4600M @ 2.90GHz</u>        | 3,186 | 2379 | NA     | NA          |
| <u>QTI SM611</u>                            | 3,180 | 2380 | NA     | NA          |
| <u>Intel Pentium Gold G5400T @ 3.10GHz</u>  | 3,173 | 2381 | 52.92  | \$59.95     |
| <u>AMD PRO A12-9800E</u>                    | 3,171 | 2382 | 18.76  | \$169.00*   |
| <u>Intel Atom C1110</u>                     | 3,170 | 2383 | NA     | NA          |
| <u>Mediatek MT8786V/N</u>                   | 3,168 | 2384 | NA     | NA          |
| <u>Samsung "Exynos 9610"</u>                | 3,168 | 2385 | NA     | NA          |
| <u>Qualcomm Technologies, Inc SDMMAGPIE</u> | 3,159 | 2386 | NA     | NA          |
| <u>Intel Xeon Gold 6262V @ 1.90GHz</u>      | 3,155 | 2387 | 0.95   | \$3,321.00* |
| <u>AMD Ryzen 3 3250C</u>                    | 3,153 | 2388 | NA     | NA          |
| <u>Intel Core i5-2400S @ 2.50GHz</u>        | 3,153 | 2389 | 45.04  | \$70.00     |
| <u>Intel Core i3-6100TE @ 2.70GHz</u>       | 3,152 | 2391 | NA     | NA          |
| <u>Unisoc T616</u>                          | 3,150 | 2392 | NA     | NA          |
| <u>AMD FX-4320</u>                          |       |      |        | NA          |



## CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i3-4350T @ 3.10GHz</a>          | 3,142    | 2395                      | NA                              | NA             |
| <a href="#">Samsung Exynos 8895</a>                    | 3,142    | 2394                      | NA                              | NA             |
| <a href="#">MT8786V/CA</a>                             | 3,137    | 2396                      | NA                              | NA             |
| <a href="#">ARM Cortex-A76 4 Core 1800 MHz</a>         | 3,135    | 2397                      | NA                              | NA             |
| <a href="#">Intel Core i7-870 @ 2.93GHz</a>            | 3,133    | 2398                      | 78.34                           | \$39.99        |
| <a href="#">Qualcomm Technologies, Inc BENGALP-IOT</a> | 3,127    | 2399                      | NA                              | NA             |
| <a href="#">Intel Xeon X5560 @ 2.80GHz</a>             | 3,124    | 2400                      | 31.24                           | \$100.00*      |
| <a href="#">AMD A8-7650K</a>                           | 3,123    | 2401                      | 82.21                           | \$37.99*       |
| <a href="#">AMD FX-4200 Quad-Core</a>                  | 3,119    | 2402                      | 52.03                           | \$59.95*       |
| <a href="#">Intel Core i3-4330T @ 3.00GHz</a>          | 3,115    | 2403                      | NA                              | NA             |
| <a href="#">Intel Core i5-6198DU @ 2.30GHz</a>         | 3,115    | 2404                      | NA                              | NA             |
| <a href="#">Intel Core i3-4160T @ 3.10GHz</a>          | 3,112    | 2405                      | 51.88                           | \$59.99*       |
| <a href="#">Intel Core i5-5287U @ 2.90GHz</a>          | 3,109    | 2406                      | NA                              | NA             |
| <a href="#">Intel Xeon W3540 @ 2.93GHz</a>             | 3,109    | 2407                      | 20.86                           | \$149.00*      |
| <a href="#">Qualcomm SM6115</a>                        | 3,107    | 2408                      | NA                              | NA             |
| <a href="#">AMD A10-6800B APU</a>                      | 3,106    | 2409                      | 24.26                           | \$128.02*      |
| <a href="#">Intel Core i5-6360U @ 2.00GHz</a>          | 3,106    | 2410                      | NA                              | NA             |
| <a href="#">AMD A10-6700 APU</a>                       | 3,104    | 2411                      | 28.73                           | \$108.02       |
| <a href="#">Intel Core i7-4578U @ 3.00GHz</a>          | 3,101    | 2413                      | NA                              | NA             |
| <a href="#">Intel Pentium Silver J5005 @ 1.50GHz</a>   | 3,101    | 2412                      | 5.94                            | \$521.99*      |
| <a href="#">Intel Core i7-875K @ 2.93GHz</a>           | 3,100    | 2414                      | 15.50                           | \$200.00       |
| <a href="#">AMD FX-4330</a>                            | 3,098    | 2415                      | 4.22                            | \$733.50*      |
| <a href="#">Intel Core i5-4310M @ 2.70GHz</a>          | 3,097    | 2416                      | NA                              | NA             |
| <a href="#">Intel Core i7-5557U @ 3.10GHz</a>          | 3,090    | 2417                      | 5.10                            | \$605.99*      |
| <a href="#">Intel Core i5-4200H @ 2.80GHz</a>          | 3,089    | 2418                      | NA                              | NA             |
| <a href="#">MediaTek MT6779V/CE</a>                    | 3,087    | 2420                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SM4350</a>      | 3,087    | 2419                      | NA                              | NA             |
| <a href="#">MT6771V/CL</a>                             | 3,079    | 2421                      | NA                              | NA             |
| <a href="#">Intel Core i5-4570TE @ 2.70GHz</a>         | 3,074    | 2422                      | 8.99                            | \$341.99*      |
| <a href="#">Intel Core i5-4210H @ 2.90GHz</a>          | 3,072    | 2423                      | NA                              | NA             |
| <a href="#">AMD A10-6790K APU</a>                      | 3,071    | 2424                      | 73.12                           | \$42.00*       |
| <a href="#">Intel Xeon W3530 @ 2.80GHz</a>             | 3,068    | 2425                      | 9.07                            | \$338.14*      |
| <a href="#">Intel Core i3-9100U @ 4.00GHz</a>          | 3,065    | 2426                      | 42.62                           | \$225.00*      |
| <a href="#">Intel Pentium G</a>                        |          |                           |                                 | \$117.99*      |



## CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i5-24050S @ 2.50GHz</a>       | 3,061    | 2428                      | NA                              | NA             |
| <a href="#">Intel Pentium Silver N6000 @ 1.10GHz</a> | 3,059    | 2430                      | NA                              | NA             |
| <a href="#">Mediatek MT6769</a>                      | 3,058    | 2432                      | NA                              | NA             |
| <a href="#">vendor Kirin970</a>                      | 3,058    | 2431                      | NA                              | NA             |
| <a href="#">Spreadtrum T612</a>                      | 3,051    | 2433                      | NA                              | NA             |
| <a href="#">AMD Opteron X3418 APU</a>                | 3,043    | 2435                      | NA                              | NA             |
| <a href="#">AMD PRO A12-8870E</a>                    | 3,043    | 2434                      | NA                              | NA             |
| <a href="#">Intel Core i3-6100H @ 2.70GHz</a>        | 3,041    | 2436                      | NA                              | NA             |
| <a href="#">Intel Core i7-5600U @ 2.60GHz</a>        | 3,037    | 2437                      | NA                              | NA             |
| <a href="#">AMD PRO A10-8770E</a>                    | 3,036    | 2438                      | NA                              | NA             |
| <a href="#">AMD A10-5800B APU</a>                    | 3,034    | 2440                      | 67.43                           | \$44.99*       |
| <a href="#">AMD FX-4170 Quad-Core</a>                | 3,034    | 2439                      | 132.21                          | \$22.95*       |
| <a href="#">Intel Xeon X5550 @ 2.67GHz</a>           | 3,027    | 2441                      | 30.89                           | \$98.00*       |
| <a href="#">AMD Embedded R-Series RX-421ND</a>       | 3,024    | 2442                      | NA                              | NA             |
| <a href="#">Intel Core i3-7130U @ 2.70GHz</a>        | 3,021    | 2443                      | 6.57                            | \$459.99*      |
| <a href="#">Intel Xeon L5630 @ 2.13GHz</a>           | 3,018    | 2444                      | 26.88                           | \$112.26*      |
| <a href="#">ARM Cortex-A78 4 Core 2000 MHz</a>       | 3,016    | 2446                      | NA                              | NA             |
| <a href="#">Intel Pentium GOLD 6500Y @ 1.10GHz</a>   | 3,016    | 2445                      | NA                              | NA             |
| <a href="#">ARM Cortex-A55 8 Core 1800 MHz</a>       | 3,013    | 2447                      | NA                              | NA             |
| <a href="#">Intel Core i7-5650U @ 2.20GHz</a>        | 3,010    | 2448                      | NA                              | NA             |
| <a href="#">AMD A8-6600K APU</a>                     | 3,007    | 2449                      | 34.17                           | \$88.02        |
| <a href="#">SMDK4x12</a>                             | 3,006    | 2450                      | NA                              | NA             |
| <a href="#">Intel Core i5-3470T @ 2.90GHz</a>        | 3,001    | 2451                      | 11.12                           | \$269.95*      |
| <a href="#">AMD Phenom II X6 1035T</a>               | 3,000    | 2452                      | 27.78                           | \$108.00*      |
| <a href="#">AMD A8-8650</a>                          | 2,996    | 2454                      | NA                              | NA             |
| <a href="#">Intel Core i5-6200U @ 2.30GHz</a>        | 2,996    | 2453                      | NA                              | NA             |
| <a href="#">Intel Core i7-860 @ 2.80GHz</a>          | 2,995    | 2455                      | 62.40                           | \$48.00        |
| <a href="#">AMD Athlon Silver 3050U</a>              | 2,993    | 2456                      | NA                              | NA             |
| <a href="#">MT8786V/N</a>                            | 2,992    | 2457                      | NA                              | NA             |
| <a href="#">Intel Atom x6425RE @ 1.90GHz</a>         | 2,990    | 2458                      | 50.67                           | \$59.00*       |
| <a href="#">AMD PRO A8-8670E</a>                     | 2,989    | 2460                      | NA                              | NA             |
| <a href="#">Qualcomm SM6150</a>                      | 2,989    | 2459                      | NA                              | NA             |
| <a href="#">AMD Opteron 4174</a>                     | 2,988    | 2461                      | NA                              | NA             |
| <a href="#">AMD FX-4300</a>                          |          |                           |                                 | \$15.98        |

 CPU Benchmarks 

| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i7-4558U @ 2.80GHz</a>     | 2,981    | 2464                      | NA                              | NA             |
| <a href="#">AMD A12-9730P</a>                     | 2,980    | 2465                      | NA                              | NA             |
| <a href="#">AMD FX-670K Quad-Core</a>             | 2,980    | 2466                      | NA                              | NA             |
| <a href="#">AMD FX-770K Quad-Core</a>             | 2,978    | 2468                      | NA                              | NA             |
| <a href="#">Intel Xeon E5-2637 @ 3.00GHz</a>      | 2,978    | 2467                      | 37.69                           | \$79.00*       |
| <a href="#">Intel Core i7-3540M @ 3.00GHz</a>     | 2,977    | 2469                      | 27.56                           | \$108.02       |
| <a href="#">Intel Pentium G4560T @ 2.90GHz</a>    | 2,974    | 2470                      | 37.18                           | \$79.98*       |
| <a href="#">AMD Athlon X4 760K Quad Core</a>      | 2,971    | 2471                      | 228.74                          | \$12.99        |
| <a href="#">Intel Core i5-4300M @ 2.60GHz</a>     | 2,967    | 2472                      | 6.33                            | \$469.00*      |
| <a href="#">Intel Core i7-930 @ 2.80GHz</a>       | 2,962    | 2473                      | 186.53                          | \$15.88*       |
| <a href="#">AMD A10-5800K APU</a>                 | 2,961    | 2474                      | 141.95                          | \$20.86*       |
| <a href="#">AMD A8 PRO-7600B APU</a>              | 2,960    | 2475                      | NA                              | NA             |
| <a href="#">Intel Celeron J4125 @ 2.00GHz</a>     | 2,957    | 2478                      | NA                              | NA             |
| <a href="#">Intel Xeon X3460 @ 2.80GHz</a>        | 2,957    | 2476                      | 40.49                           | \$73.04*       |
| <a href="#">Spreadtrum T616</a>                   | 2,957    | 2477                      | NA                              | NA             |
| <a href="#">AMD Ryzen Embedded R1305G</a>         | 2,953    | 2479                      | NA                              | NA             |
| <a href="#">Intel Core i7-4560U @ 1.60GHz</a>     | 2,950    | 2480                      | NA                              | NA             |
| <a href="#">Intel Core i7-940 @ 2.93GHz</a>       | 2,947    | 2481                      | 8.47                            | \$348.00*      |
| <a href="#">Snapdragon 850 @ 2.40 GHz</a>         | 2,946    | 2482                      | NA                              | NA             |
| <a href="#">Hisilicon Kirin810</a>                | 2,945    | 2483                      | NA                              | NA             |
| <a href="#">Intel Core i5-4308U @ 2.80GHz</a>     | 2,941    | 2484                      | NA                              | NA             |
| <a href="#">Spreadtrum T618</a>                   | 2,941    | 2485                      | NA                              | NA             |
| <a href="#">AMD Athlon Silver 3050e</a>           | 2,939    | 2486                      | NA                              | NA             |
| <a href="#">AMD Opteron 2431</a>                  | 2,936    | 2488                      | 117.48                          | \$24.99*       |
| <a href="#">Hisilicon Kirin 955</a>               | 2,936    | 2487                      | NA                              | NA             |
| <a href="#">AMD PRO A10-8750B</a>                 | 2,935    | 2489                      | NA                              | NA             |
| <a href="#">Intel Xeon W3520 @ 2.67GHz</a>        | 2,935    | 2490                      | 49.75                           | \$59.00*       |
| <a href="#">AMD Opteron 6128 HE</a>               | 2,932    | 2491                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SM6150</a> | 2,931    | 2492                      | NA                              | NA             |
| <a href="#">Intel Core i5-2500T @ 2.30GHz</a>     | 2,929    | 2493                      | 32.55                           | \$89.99*       |
| <a href="#">Rockchip RK3399</a>                   | 2,925    | 2494                      | NA                              | NA             |
| <a href="#">Unisoc ums9230H</a>                   | 2,924    | 2495                      | NA                              | NA             |
| <a href="#">Intel Core i5-3320M @ 2.80GHz</a>     | 2,916    | 2497                      | NA                              | NA             |
| <a href="#">Qualcomm SM6150</a>                   |          |                           |                                 | NA             |



CPU Benchmarks



| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD A10-9630P</a>                     | 2,909    | 2499                      | NA                              | NA             |
| <a href="#">HiSilicon Kirin 970</a>               | 2,908    | 2502                      | NA                              | NA             |
| <a href="#">Intel Celeron J4105 @ 1.50GHz</a>     | 2,908    | 2501                      | 27.17                           | \$107.00*      |
| <a href="#">QTI SM6125</a>                        | 2,908    | 2500                      | NA                              | NA             |
| <a href="#">Intel N50</a>                         | 2,907    | 2503                      | NA                              | NA             |
| <a href="#">AMD Athlon X4 830</a>                 | 2,901    | 2504                      | 14.34                           | \$202.32*      |
| <a href="#">Intel Xeon X5470 @ 3.33GHz</a>        | 2,901    | 2505                      | 16.12                           | \$179.95*      |
| <a href="#">Unisoc ums9230T</a>                   | 2,897    | 2506                      | NA                              | NA             |
| <a href="#">Intel Core i3-10100Y @ 1.30GHz</a>    | 2,896    | 2507                      | NA                              | NA             |
| <a href="#">Intel Core i5-4210M @ 2.60GHz</a>     | 2,891    | 2508                      | 32.84                           | \$88.04*       |
| <a href="#">AMD A8-6500B APU</a>                  | 2,886    | 2509                      | 57.78                           | \$49.95*       |
| <a href="#">Intel Core i3-4130T @ 2.90GHz</a>     | 2,885    | 2511                      | 144.31                          | \$19.99*       |
| <a href="#">QTI SM6115</a>                        | 2,885    | 2510                      | NA                              | NA             |
| <a href="#">AMD Athlon Silver 3050C</a>           | 2,879    | 2512                      | NA                              | NA             |
| <a href="#">Intel Core i5-3360M @ 2.80GHz</a>     | 2,873    | 2513                      | 36.82                           | \$78.02*       |
| <a href="#">Intel Xeon E5-2403 v2 @ 1.80GHz</a>   | 2,873    | 2514                      | 5.31                            | \$541.00*      |
| <a href="#">AMD Opteron 4184</a>                  | 2,872    | 2515                      | 151.24                          | \$18.99        |
| <a href="#">Intel Core m3-8100Y @ 1.10GHz</a>     | 2,871    | 2516                      | 10.22                           | \$281.00*      |
| <a href="#">Intel Core i7-3520M @ 2.90GHz</a>     | 2,868    | 2517                      | 23.50                           | \$122.02*      |
| <a href="#">Intel Core i3-4150T @ 3.00GHz</a>     | 2,864    | 2518                      | 6.86                            | \$417.42*      |
| <a href="#">Intel Core i7-5550U @ 2.00GHz</a>     | 2,864    | 2519                      | NA                              | NA             |
| <a href="#">AMD Athlon X4 750K Quad Core</a>      | 2,861    | 2520                      | 15.02                           | \$190.44*      |
| <a href="#">Intel Xeon E5-2609 @ 2.40GHz</a>      | 2,858    | 2521                      | 46.86                           | \$61.00*       |
| <a href="#">AMD A8-5600K APU</a>                  | 2,857    | 2522                      | 41.40                           | \$69.01        |
| <a href="#">AMD FX-7600P APU</a>                  | 2,856    | 2523                      | NA                              | NA             |
| <a href="#">Intel Xeon X3450 @ 2.67GHz</a>        | 2,853    | 2525                      | 73.15                           | \$39.00*       |
| <a href="#">Qualcomm Technologies, Inc SDA660</a> | 2,853    | 2524                      | NA                              | NA             |
| <a href="#">AMD FX-8800P</a>                      | 2,851    | 2526                      | NA                              | NA             |
| <a href="#">QTI SDM660</a>                        | 2,850    | 2527                      | NA                              | NA             |
| <a href="#">AMD Phenom II X4 980</a>              | 2,839    | 2529                      | 21.83                           | \$130.00*      |
| <a href="#">Intel Core i7-920 @ 2.67GHz</a>       | 2,839    | 2528                      | 31.54                           | \$90.00*       |
| <a href="#">MT6768G</a>                           | 2,838    | 2530                      | NA                              | NA             |
| <a href="#">Qualcomm SDI4450</a>                  | 2,838    | 2531                      | NA                              | NA             |
| <a href="#">Qualcomm Tec</a>                      |          |                           |                                 | NA             |



## CPU Benchmarks



| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Opteron 6128</a>                    | 2,826    | 2534                      | 12.29                           | \$229.95       |
| <a href="#">T606</a>                                | 2,824    | 2535                      | NA                              | NA             |
| <a href="#">AMD A8-6500 APU</a>                     | 2,823    | 2536                      | 101.54                          | \$27.80*       |
| <a href="#">vendor Kirin710</a>                     | 2,822    | 2537                      | NA                              | NA             |
| <a href="#">HiSilicon Kirin 960</a>                 | 2,813    | 2538                      | NA                              | NA             |
| <a href="#">Unisoc T610</a>                         | 2,812    | 2539                      | NA                              | NA             |
| <a href="#">Intel Core i5-5257U @ 2.70GHz</a>       | 2,811    | 2540                      | NA                              | NA             |
| <a href="#">Intel Core i5-4200M @ 2.50GHz</a>       | 2,806    | 2541                      | 31.54                           | \$88.95*       |
| <a href="#">ARM Cortex-A76 8 Core 1800 MHz</a>      | 2,792    | 2542                      | NA                              | NA             |
| <a href="#">Intel Atom C2750 @ 2.40GHz</a>          | 2,789    | 2543                      | 12.02                           | \$232.00*      |
| <a href="#">AMD RX-427BB</a>                        | 2,788    | 2544                      | NA                              | NA             |
| <a href="#">Intel Celeron G5925 @ 3.60GHz</a>       | 2,787    | 2545                      | 61.94                           | \$45.00        |
| <a href="#">Intel Celeron G5905 @ 3.50GHz</a>       | 2,785    | 2546                      | 71.42                           | \$38.99        |
| <a href="#">Intel Core i7-5500U @ 2.40GHz</a>       | 2,783    | 2548                      | NA                              | NA             |
| <a href="#">Intel Xeon E5540 @ 2.53GHz</a>          | 2,783    | 2547                      | 31.30                           | \$88.93*       |
| <a href="#">T610S-Unisoc</a>                        | 2,781    | 2549                      | NA                              | NA             |
| <a href="#">Intel Core2 Extreme X9775 @ 3.20GHz</a> | 2,780    | 2550                      | 1.54                            | \$1,805.95*    |
| <a href="#">Intel Pentium G4500 @ 3.50GHz</a>       | 2,776    | 2551                      | 28.64                           | \$96.90*       |
| <a href="#">Qualcomm Technologies, Inc QCM6125</a>  | 2,775    | 2552                      | NA                              | NA             |
| <a href="#">Intel Xeon X3440 @ 2.53GHz</a>          | 2,773    | 2554                      | 64.49                           | \$43.00*       |
| <a href="#">Spreadtrum T606</a>                     | 2,773    | 2553                      | NA                              | NA             |
| <a href="#">T618</a>                                | 2,772    | 2555                      | NA                              | NA             |
| <a href="#">MediaTek G88 (MT6769H)</a>              | 2,771    | 2556                      | NA                              | NA             |
| <a href="#">Intel Core i3-6157U @ 2.40GHz</a>       | 2,767    | 2557                      | NA                              | NA             |
| <a href="#">Intel Core i7-870S @ 2.67GHz</a>        | 2,765    | 2558                      | NA                              | NA             |
| <a href="#">Intel Core i5-8210Y @ 1.60GHz</a>       | 2,763    | 2559                      | NA                              | NA             |
| <a href="#">Mediatek MT6768</a>                     | 2,758    | 2560                      | NA                              | NA             |
| <a href="#">MT8788</a>                              | 2,756    | 2561                      | NA                              | NA             |
| <a href="#">Intel Xeon X5482 @ 3.20GHz</a>          | 2,755    | 2562                      | 27.56                           | \$99.95*       |
| <a href="#">Intel Core 860 @ 2.80GHz</a>            | 2,754    | 2563                      | 9.55                            | \$288.20*      |
| <a href="#">MediaTek G85 (MT6769Z)</a>              | 2,749    | 2564                      | NA                              | NA             |
| <a href="#">Spreadtrum T610</a>                     | 2,747    | 2565                      | NA                              | NA             |
| <a href="#">AMD A10-5700 APU</a>                    | 2,744    | 2566                      | 40.00                           | \$68.02*       |
| <a href="#">AMD Phenom II X4 940</a>                | 2,743    | 2567                      | NA                              | \$42.89*       |



## CPU Benchmarks

| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon E5-2603 v2 @ 1.80GHz</a>       | 2,735    | 2569                      | 69.76                           | \$39.20        |
| <a href="#">Intel Core m3-7Y32 @ 1.10GHz</a>          | 2,733    | 2570                      | NA                              | NA             |
| <a href="#">Intel Core i3-7100U @ 2.40GHz</a>         | 2,722    | 2571                      | 5.89                            | \$462.00*      |
| <a href="#">ARM Phytium,FT-2000/4 8 Core 2300 MHz</a> | 2,720    | 2572                      | NA                              | NA             |
| <a href="#">AMD A6-9400</a>                           | 2,717    | 2573                      | NA                              | NA             |
| <a href="#">MediaTek MT6769V/CU</a>                   | 2,715    | 2574                      | NA                              | NA             |
| <a href="#">Intel Celeron G4950 @ 3.30GHz</a>         | 2,714    | 2576                      | 43.00                           | \$63.12        |
| <a href="#">Intel Core i7-4600U @ 2.10GHz</a>         | 2,714    | 2575                      | NA                              | NA             |
| <a href="#">AMD 3015e</a>                             | 2,712    | 2578                      | NA                              | NA             |
| <a href="#">MediaTek MT6779V/CV</a>                   | 2,712    | 2577                      | NA                              | NA             |
| <a href="#">Intel Pentium G4520 @ 3.60GHz</a>         | 2,707    | 2579                      | 9.50                            | \$285.00*      |
| <a href="#">Qualcomm Technologies, Inc SDM710</a>     | 2,701    | 2580                      | NA                              | NA             |
| <a href="#">AMD Opteron 3350 HE</a>                   | 2,699    | 2581                      | 7.54                            | \$358.00*      |
| <a href="#">Intel Core i5-3340M @ 2.70GHz</a>         | 2,698    | 2582                      | 25.69                           | \$105.00*      |
| <a href="#">Qualcomm Technologies, Inc SM6225</a>     | 2,692    | 2583                      | NA                              | NA             |
| <a href="#">AMD PRO A12-9800B</a>                     | 2,691    | 2584                      | NA                              | NA             |
| <a href="#">AMD Phenom II X4 B65</a>                  | 2,690    | 2585                      | NA                              | NA             |
| <a href="#">ARM Phytium,D2000/8 8 Core 2300 MHz</a>   | 2,690    | 2587                      | NA                              | NA             |
| <a href="#">Intel Xeon E5530 @ 2.40GHz</a>            | 2,690    | 2586                      | 89.70                           | \$29.99*       |
| <a href="#">Intel Core2 Extreme X9770 @ 3.20GHz</a>   | 2,689    | 2588                      | 1.67                            | \$1,608.95*    |
| <a href="#">Intel Celeron J4115 @ 1.80GHz</a>         | 2,687    | 2589                      | NA                              | NA             |
| <a href="#">AMD FX-4130 Quad-Core</a>                 | 2,686    | 2591                      | 51.64                           | \$52.02*       |
| <a href="#">Intel Xeon E5607 @ 2.27GHz</a>            | 2,686    | 2590                      | 92.67                           | \$28.99        |
| <a href="#">Hisilicon Kirin970</a>                    | 2,681    | 2594                      | NA                              | NA             |
| <a href="#">Intel Core i5-4402E @ 1.60GHz</a>         | 2,681    | 2592                      | NA                              | NA             |
| <a href="#">MediaTek MT6771V/C</a>                    | 2,681    | 2593                      | NA                              | NA             |
| <a href="#">Intel Core i3-4110M @ 2.60GHz</a>         | 2,678    | 2595                      | NA                              | NA             |
| <a href="#">ARM D2000/8 8 Core 2300 MHz</a>           | 2,674    | 2596                      | NA                              | NA             |
| <a href="#">Intel Core i5-3610ME @ 2.70GHz</a>        | 2,666    | 2597                      | NA                              | NA             |
| <a href="#">QTI SDM845</a>                            | 2,666    | 2598                      | NA                              | NA             |
| <a href="#">AMD A12-9720P</a>                         | 2,663    | 2599                      | NA                              | NA             |
| <a href="#">Unisoc T606</a>                           | 2,663    | 2600                      | NA                              | NA             |
| <a href="#">Intel Core i5-3320M @ 2.60GHz</a>         | 2,660    | 2604                      | 60.44                           | \$44.04*       |
| <a href="#">MediaTek MT67</a>                         |          |                           |                                 | NA             |



## CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i3-3250T @ 3.00GHz</a>        | 2,650    | 2604                      | NA                              | NA             |
| <a href="#">AMD RX-425BB</a>                         | 2,648    | 2605                      | NA                              | NA             |
| <a href="#">Intel Core i5-680 @ 3.60GHz</a>          | 2,647    | 2606                      | 8.53                            | \$310.17*      |
| <a href="#">Intel Core i5-7Y54 @ 1.20GHz</a>         | 2,645    | 2607                      | NA                              | NA             |
| <a href="#">Intel Core i7-3687U @ 2.10GHz</a>        | 2,645    | 2608                      | NA                              | NA             |
| <a href="#">Intel Core i7-7Y75 @ 1.30GHz</a>         | 2,644    | 2609                      | NA                              | NA             |
| <a href="#">Unisoc T700</a>                          | 2,644    | 2610                      | NA                              | NA             |
| <a href="#">Intel Celeron G5900 @ 3.40GHz</a>        | 2,643    | 2611                      | 52.87                           | \$49.99        |
| <a href="#">Intel Core i5-4258U @ 2.40GHz</a>        | 2,640    | 2612                      | NA                              | NA             |
| <a href="#">AMD Phenom II X4 965</a>                 | 2,637    | 2613                      | 41.19                           | \$64.02        |
| <a href="#">Intel Core i5-4288U @ 2.60GHz</a>        | 2,637    | 2614                      | NA                              | NA             |
| <a href="#">Intel Core i3-6100U @ 2.30GHz</a>        | 2,632    | 2616                      | 4.97                            | \$529.99*      |
| <a href="#">Intel Core i5-760 @ 2.80GHz</a>          | 2,632    | 2617                      | 10.32                           | \$255.00*      |
| <a href="#">Unisoc T612</a>                          | 2,632    | 2615                      | NA                              | NA             |
| <a href="#">ARM Cortex-A78AE 6 Core 1510 MHz</a>     | 2,631    | 2618                      | NA                              | NA             |
| <a href="#">AMD Phenom II X4 B60</a>                 | 2,627    | 2619                      | NA                              | NA             |
| <a href="#">AMD Athlon X4 740 Quad Core</a>          | 2,626    | 2620                      | 262.65                          | \$10.00*       |
| <a href="#">AMD Athlon X4 750 Quad Core</a>          | 2,625    | 2621                      | 27.70                           | \$94.75*       |
| <a href="#">MediaTek MT6779V/CU</a>                  | 2,622    | 2622                      | NA                              | NA             |
| <a href="#">AMD Athlon PRO 3045B</a>                 | 2,618    | 2623                      | NA                              | NA             |
| <a href="#">AMD Opteron 6172</a>                     | 2,615    | 2625                      | 13.76                           | \$189.95       |
| <a href="#">Intel Pentium Silver N5000 @ 1.10GHz</a> | 2,615    | 2624                      | 16.24                           | \$161.00*      |
| <a href="#">Qualcomm Technologies, Inc BENGALP</a>   | 2,614    | 2626                      | NA                              | NA             |
| <a href="#">AMD A8-5500B APU</a>                     | 2,612    | 2627                      | 53.27                           | \$49.04*       |
| <a href="#">AMD A8-5500 APU</a>                      | 2,611    | 2628                      | 44.30                           | \$58.95*       |
| <a href="#">AMD FX-4100 Quad-Core</a>                | 2,610    | 2629                      | 137.46                          | \$18.99        |
| <a href="#">ARM Cortex-A76 4 Core 3100 MHz</a>       | 2,610    | 2630                      | NA                              | NA             |
| <a href="#">Unisoc ums512</a>                        | 2,607    | 2631                      | NA                              | NA             |
| <a href="#">AMD Athlon II X4 559</a>                 | 2,602    | 2632                      | NA                              | NA             |
| <a href="#">Unisoc UIS7862S</a>                      | 2,601    | 2633                      | NA                              | NA             |
| <a href="#">Samsung Exynos 8890</a>                  | 2,598    | 2634                      | NA                              | NA             |
| <a href="#">Intel Core i3-5157U @ 2.50GHz</a>        | 2,593    | 2635                      | NA                              | NA             |
| <a href="#">Intel Celeron G4900 @ 2.30GHz</a>        | 2,594    | 2636                      | 442.60                          | \$22.99        |
| <a href="#">Intel Core i5-7Y</a>                     |          |                           |                                 | NA             |



## CPU Benchmarks

| CPU Name                                     | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <u>Intel Pentium Silver N5030 @ 1.10GHz</u>  | 2,588    | 2639                      | NA                              | NA             |
| <u>Qualcomm SM4250</u>                       | 2,587    | 2640                      | NA                              | NA             |
| <u>Intel Core m3-7Y30 @ 1.00GHz</u>          | 2,585    | 2641                      | NA                              | NA             |
| <u>AMD FX-7600P</u>                          | 2,582    | 2643                      | NA                              | NA             |
| <u>Intel Core i3-7020U @ 2.30GHz</u>         | 2,582    | 2644                      | 9.19                            | \$281.00*      |
| <u>Intel Pentium G4400 @ 3.30GHz</u>         | 2,582    | 2642                      | 35.42                           | \$72.90        |
| <u>Qualcomm Technologies, Inc SDM712</u>     | 2,581    | 2645                      | NA                              | NA             |
| <u>AMD PRO A12-8800B</u>                     | 2,580    | 2647                      | NA                              | NA             |
| <u>ARM Cortex-A76 4 Core 3400 MHz</u>        | 2,580    | 2646                      | NA                              | NA             |
| <u>Intel Xeon E5450 @ 3.00GHz</u>            | 2,580    | 2648                      | 69.75                           | \$36.99*       |
| <u>ARM Cortex-A76 4 Core 3200 MHz</u>        | 2,579    | 2649                      | NA                              | NA             |
| <u>Samsung Exynos 9611</u>                   | 2,578    | 2650                      | NA                              | NA             |
| <u>Intel Celeron G5920 @ 3.50GHz</u>         | 2,577    | 2651                      | 64.51                           | \$39.95        |
| <u>Intel Core i5-5350U @ 1.80GHz</u>         | 2,572    | 2653                      | NA                              | NA             |
| <u>Intel Xeon X5460 @ 3.16GHz</u>            | 2,572    | 2652                      | 11.71                           | \$219.55*      |
| <u>Intel Xeon X3380 @ 3.16GHz</u>            | 2,568    | 2654                      | 5.04                            | \$509.95*      |
| <u>AMD Athlon II X4 557</u>                  | 2,567    | 2655                      | NA                              | NA             |
| <u>Intel Core i5-3230M @ 2.60GHz</u>         | 2,563    | 2657                      | 25.63                           | \$99.99*       |
| <u>Unisoc T618</u>                           | 2,563    | 2656                      | NA                              | NA             |
| <u>MediaTek MT6769T</u>                      | 2,560    | 2658                      | NA                              | NA             |
| <u>UIS7862A</u>                              | 2,557    | 2659                      | NA                              | NA             |
| <u>Qualcomm Technologies, Inc SDM670</u>     | 2,551    | 2660                      | NA                              | NA             |
| <u>ARM ARMv8 rev 1 (v8l) 6 Core 1510 MHz</u> | 2,550    | 2661                      | NA                              | NA             |
| <u>ARM Cortex-A76 4 Core 3000 MHz</u>        | 2,550    | 2662                      | NA                              | NA             |
| <u>Mediatek MT6769V/CT</u>                   | 2,547    | 2663                      | NA                              | NA             |
| <u>MediaTek MT8183</u>                       | 2,547    | 2664                      | NA                              | NA             |
| <u>AMD PRO A10-9700B</u>                     | 2,545    | 2665                      | NA                              | NA             |
| <u>AMD FX-9800P</u>                          | 2,543    | 2666                      | NA                              | NA             |
| <u>AMD Phenom II X4 B97</u>                  | 2,539    | 2669                      | 31.75                           | \$79.95*       |
| <u>Intel Core i5-750 @ 2.67GHz</u>           | 2,539    | 2668                      | 42.32                           | \$60.00        |
| <u>T610-Unisoc</u>                           | 2,539    | 2667                      | NA                              | NA             |
| <u>AMD Phenom II X4 975</u>                  | 2,536    | 2671                      | 36.25                           | \$69.95*       |
| <u>AMD Phenom II X4 B96</u>                  | 2,536    | 2670                      | NA                              | NA             |
| <u>AMD A10-9620</u>                          |          |                           |                                 | NA             |

| CPU Name | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|----------|---------------------------|---------------------------------|----------------|
|----------|----------|---------------------------|---------------------------------|----------------|



## CPU Benchmarks

|  |       |      |       |             |
|--|-------|------|-------|-------------|
| <u>ARM Kryo-4XX-Gold 8 Core 1804 MHz</u>       | 2,531 | 2674 | NA    | NA          |
| <u>Intel Core i5-4310U @ 2.00GHz</u>           | 2,529 | 2675 | NA    | NA          |
| <u>AMD Athlon II X4 555</u>                    | 2,526 | 2676 | NA    | NA          |
| <u>Intel Xeon E5520 @ 2.27GHz</u>              | 2,524 | 2677 | 65.45 | \$38.57     |
| <u>Intel Xeon L5530 @ 2.40GHz</u>              | 2,522 | 2678 | 40.68 | \$62.00*    |
| <u>Intel Core i3-7102E @ 2.10GHz</u>           | 2,521 | 2679 | 11.21 | \$225.00*   |
| <u>Intel Core i3-4100M @ 2.50GHz</u>           | 2,519 | 2680 | 11.53 | \$218.57*   |
| <u>AMD PRO A12-8830B</u>                       | 2,517 | 2681 | NA    | NA          |
| <u>Apple A9X</u>                               | 2,516 | 2682 | NA    | NA          |
| <u>QTI QCM4290</u>                             | 2,512 | 2683 | NA    | NA          |
| <u>AMD Phenom II X4 955</u>                    | 2,510 | 2684 | 42.54 | \$59.01*    |
| <u>AMD Athlon II X4 651 Quad-Core</u>          | 2,500 | 2685 | 16.68 | \$149.95*   |
| <u>ARM Phytium,D2000/8 E8C 8 Core 2300 MHz</u> | 2,500 | 2687 | NA    | NA          |
| <u>Intel Celeron G4920 @ 3.20GHz</u>           | 2,500 | 2686 | 34.24 | \$73.00     |
| <u>samsung exynos7885</u>                      | 2,498 | 2688 | NA    | NA          |
| <u>Intel Core i5-4300U @ 1.90GHz</u>           | 2,497 | 2690 | NA    | NA          |
| <u>Intel Core i5-5200U @ 2.20GHz</u>           | 2,497 | 2689 | 8.89  | \$281.00*   |
| <u>Intel Xeon L7455 @ 2.13GHz</u>              | 2,494 | 2691 | NA    | NA          |
| <u>ARM Cortex-A76 4 Core 3300 MHz</u>          | 2,493 | 2693 | NA    | NA          |
| <u>Intel Core i5-2390T @ 2.70GHz</u>           | 2,493 | 2692 | 24.96 | \$99.90*    |
| <u>Intel Core i7-4500U @ 1.80GHz</u>           | 2,485 | 2694 | NA    | NA          |
| <u>AMD Phenom II X4 B55</u>                    | 2,483 | 2695 | NA    | NA          |
| <u>Intel Celeron N4120 @ 1.10GHz</u>           | 2,482 | 2696 | NA    | NA          |
| <u>AMD Opteron 8439 SE</u>                     | 2,479 | 2697 | 0.68  | \$3,647.35* |
| <u>MT6769V/CT</u>                              | 2,477 | 2698 | NA    | NA          |
| <u>Intel Core i7-8500Y @ 1.50GHz</u>           | 2,474 | 2699 | 6.29  | \$393.00*   |
| <u>Intel Core2 Quad Q9650 @ 3.00GHz</u>        | 2,471 | 2700 | 45.38 | \$54.44*    |
| <u>Intel Celeron 7305</u>                      | 2,470 | 2701 | 23.09 | \$107.00*   |
| <u>Intel Xeon L3426 @ 1.87GHz</u>              | 2,470 | 2702 | 12.35 | \$199.99*   |
| <u>Intel Core i5-661 @ 3.33GHz</u>             | 2,469 | 2703 | 30.86 | \$80.00*    |
| <u>Intel Core i5-3210M @ 2.50GHz</u>           | 2,466 | 2704 | 47.41 | \$52.02*    |
| <u>ARM Cortex-A76 4 Core 2900 MHz</u>          | 2,465 | 2705 | NA    | NA          |
| <u>Intel Core i7-2610M @ 2.80GHz</u>           | 2,465 | 2705 | 22.62 | \$83.11*    |
| <u>Intel Xeon X33</u>                          |       |      |       | \$40.00*    |

| CPU Name | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|----------|---------------------------|---------------------------------|----------------|
|----------|----------|---------------------------|---------------------------------|----------------|



## CPU Benchmarks

|   |       |      |       |           |
|---|-------|------|-------|-----------|
| <u>ARM Cortex-A76 4 Core 2800 MHz</u>                     | 2,460 | 2709 | NA    | NA        |
| <u>Intel Xeon D-1602 @ 2.50GHz</u>                        | 2,459 | 2710 | 23.20 | \$106.00* |
| <u>HiSilicon Kirin 950</u>                                | 2,457 | 2711 | NA    | NA        |
| <u>Intel Celeron N4100 @ 1.10GHz</u>                      | 2,455 | 2712 | 22.95 | \$107.00* |
| <u>Qualcomm Technologies, Inc TRINKET</u>                 | 2,452 | 2713 | NA    | NA        |
| <u>Samsung A04S EUR OPEN REV03C board based on EXYNOS</u> | 2,452 | 2714 | NA    | NA        |
| <u>MediaTek MT6771V/W</u>                                 | 2,451 | 2715 | NA    | NA        |
| <u>Intel Core i7-4610Y @ 1.70GHz</u>                      | 2,446 | 2716 | NA    | NA        |
| <u>Qualcomm Technologies, Inc BENGAL</u>                  | 2,445 | 2717 | NA    | NA        |
| <u>Qualcomm SDM660</u>                                    | 2,444 | 2718 | NA    | NA        |
| <u>Intel Core i3-3250 @ 3.50GHz</u>                       | 2,442 | 2719 | 49.63 | \$49.20   |
| <u>AMD 3020e</u>  | 2,439 | 2720 | NA    | NA        |
| <u>Hisilicon Kirin710</u>                                 | 2,438 | 2721 | NA    | NA        |
| <u>AMD A12-9700P</u>                                      | 2,437 | 2722 | NA    | NA        |
| <u>Intel Core i5-5250U @ 1.60GHz</u>                      | 2,437 | 2723 | 4.60  | \$529.99* |
| <u>Qualcomm Technologies, Inc SDM660</u>                  | 2,432 | 2724 | NA    | NA        |
| <u>Snapdragon 662</u>                                     | 2,431 | 2725 | NA    | NA        |
| <u>Intel Pentium G3470 @ 3.60GHz</u>                      | 2,428 | 2726 | 7.73  | \$314.15* |
| <u>AMD Athlon II X4 650</u>                               | 2,426 | 2727 | 14.56 | \$166.60* |
| <u>Intel Atom C3558 @ 2.20GHz</u>                         | 2,426 | 2728 | 28.20 | \$86.00*  |
| <u>Intel Core i5-4350U @ 1.40GHz</u>                      | 2,425 | 2729 | NA    | NA        |
| <u>Intel Core i7-2620M @ 2.70GHz</u>                      | 2,423 | 2730 | 30.76 | \$78.77*  |
| <u>Samsung Exynos</u>                                     | 2,423 | 2731 | NA    | NA        |
| <u>MediaTek MT6769V/CB</u>                                | 2,419 | 2732 | NA    | NA        |
| <u>AMD Athlon II X4 553</u>                               | 2,418 | 2733 | NA    | NA        |
| <u>Intel Xeon L3360 @ 2.83GHz</u>                         | 2,412 | 2734 | 27.03 | \$89.23*  |
| <u>MT8395AV/ZA</u>  | 2,410 | 2735 | NA    | NA        |
| <u>ARM Phytium,D2000/8 8 Core 2000 MHz</u>                | 2,409 | 2736 | NA    | NA        |
| <u>AMD Phenom II X4 840</u>                               | 2,407 | 2737 | 80.22 | \$30.00*  |
| <u>Intel Celeron 7305E</u>                                | 2,404 | 2739 | 22.46 | \$107.00* |
| <u>Intel Core2 Extreme X9650 @ 3.00GHz</u>                | 2,404 | 2738 | 2.80  | \$859.99* |
| <u>Intel Pentium J4205 @ 1.50GHz</u>                      | 2,404 | 2740 | NA    | NA        |
| <u>Intel Core i7-3632M @ 2.00GHz</u>                      | 2,403 | 2741 | NA    | NA        |
| <u>AMD Phenom I</u>                                       |       |      |       | \$62.02*  |

| CPU Name | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|----------|---------------------------|---------------------------------|----------------|
|----------|----------|---------------------------|---------------------------------|----------------|



## CPU Benchmarks

|  |       |      |       |             |
|--|-------|------|-------|-------------|
| <u>Intel Pentium G4500T @ 3.00GHz</u>    | 2,399 | 2744 | NA    | NA          |
| <u>Intel Xeon X3360 @ 2.83GHz</u>        | 2,398 | 2746 | 59.97 | \$39.99*    |
| <u>T700-Unisoc</u>                       | 2,398 | 2745 | NA    | NA          |
| <u>Intel Atom C2758 @ 2.40GHz</u>        | 2,397 | 2748 | 11.16 | \$214.86*   |
| <u>Intel Core i5-2560M @ 2.70GHz</u>     | 2,397 | 2747 | NA    | NA          |
| <u>Intel Celeron G4900 @ 3.10GHz</u>     | 2,394 | 2751 | 35.19 | \$68.02     |
| <u>Intel Core i5-660 @ 3.33GHz</u>       | 2,394 | 2749 | 52.45 | \$45.65*    |
| <u>Intel Xeon X5450 @ 3.00GHz</u>        | 2,394 | 2750 | 47.92 | \$49.96*    |
| <u>AArch64 rev 2 (aarch64)</u>           | 2,391 | 2752 | NA    | NA          |
| <u>Qualcomm SDM630</u>                   | 2,388 | 2753 | NA    | NA          |
| <u>AMD Phenom II X4 945</u>              | 2,387 | 2754 | 54.19 | \$44.04*    |
| <u>MediaTek MT6771V/WT</u>               | 2,387 | 2755 | NA    | NA          |
| <u>Intel Core i7-3517UE @ 1.70GHz</u>    | 2,384 | 2756 | NA    | NA          |
| <u>AMD Opteron 4170 HE</u>               | 2,382 | 2759 | 7.22  | \$329.95*   |
| <u>Mediatek MT8768N</u>                  | 2,382 | 2758 | NA    | NA          |
| <u>Qualcomm Technologies, Inc SDM665</u> | 2,382 | 2757 | NA    | NA          |
| <u>AMD Phenom II X4 B50</u>              | 2,379 | 2760 | NA    | NA          |
| <u>Intel Core i3-3245 @ 3.40GHz</u>      | 2,379 | 2761 | 39.65 | \$60.00     |
| <u>AMD Phenom II X4 977</u>              | 2,377 | 2762 | NA    | NA          |
| <u>Apple A8X</u>                         | 2,376 | 2763 | NA    | NA          |
| <u>ARM Cortex-A76 4 Core 2700 MHz</u>    | 2,375 | 2764 | NA    | NA          |
| <u>AMD A8-3850 APU</u>                   | 2,374 | 2766 | 34.90 | \$68.02*    |
| <u>Intel Xeon E5440 @ 2.83GHz</u>        | 2,374 | 2765 | 62.50 | \$37.99*    |
| <u>Intel Celeron G6900TE</u>             | 2,373 | 2767 | NA    | NA          |
| <u>Intel Xeon E5-2403 @ 1.80GHz</u>      | 2,367 | 2768 | 13.22 | \$179.00    |
| <u>Intel Core i5-2540M @ 2.60GHz</u>     | 2,365 | 2769 | 29.57 | \$79.97*    |
| <u>Intel Xeon E5606 @ 2.13GHz</u>        | 2,365 | 2770 | 81.54 | \$29.00*    |
| <u>Intel Atom T5700 @ 1.70GHz</u>        | 2,363 | 2771 | NA    | NA          |
| <u>Intel Celeron G3920 @ 2.90GHz</u>     | 2,358 | 2773 | 2.18  | \$1,083.82* |
| <u>Intel Xeon X3363 @ 2.83GHz</u>        | 2,358 | 2772 | 26.92 | \$87.60*    |
| <u>Intel Pentium 6405U @ 2.40GHz</u>     | 2,356 | 2774 | 14.64 | \$161.00*   |
| <u>AMD Phenom II X4 960T</u>             | 2,353 | 2775 | 45.24 | \$52.02*    |
| <u>Intel Core i3-6100 @ 3.00GHz</u>      | 2,340 | 2770 | 40.44 | \$225.00*   |
| <u>Intel Core2 Quad Q6600</u>            | 2,339 | 2776 | NA    | \$48.02     |



## CPU Benchmarks



| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core2 Extreme X9750 @ 3.16GHz</a> | 2,348    | 2778                      | NA                              | NA             |
| <a href="#">AMD Opteron 4130</a>                    | 2,347    | 2780                      | 12.35                           | \$189.95       |
| <a href="#">AMD Phenom II X4 940</a>                | 2,345    | 2782                      | 11.07                           | \$211.77*      |
| <a href="#">Intel Core m5-6Y57 @ 1.10GHz</a>        | 2,345    | 2781                      | NA                              | NA             |
| <a href="#">AMD PRO A10-8730B</a>                   | 2,344    | 2784                      | NA                              | NA             |
| <a href="#">Intel Pentium G4400T @ 2.90GHz</a>      | 2,344    | 2783                      | 19.87                           | \$118.01       |
| <a href="#">Intel Core i7-3537U @ 2.00GHz</a>       | 2,342    | 2785                      | NA                              | NA             |
| <a href="#">AMD A10-9600P</a>                       | 2,338    | 2786                      | NA                              | NA             |
| <a href="#">Intel Core m7-6Y75 @ 1.20GHz</a>        | 2,338    | 2787                      | NA                              | NA             |
| <a href="#">Intel Xeon X5365 @ 3.00GHz</a>          | 2,331    | 2788                      | 17.94                           | \$129.95*      |
| <a href="#">AMD Phenom II X4 840T</a>               | 2,330    | 2789                      | 40.16                           | \$58.02*       |
| <a href="#">MediaTek MT6768V/CA</a>                 | 2,328    | 2790                      | NA                              | NA             |
| <a href="#">Intel Celeron G3950 @ 3.00GHz</a>       | 2,322    | 2791                      | 16.24                           | \$143.00*      |
| <a href="#">ARM Cortex-A76 4 Core 2600 MHz</a>      | 2,320    | 2792                      | NA                              | NA             |
| <a href="#">AMD A8-3870K APU</a>                    | 2,319    | 2795                      | 34.08                           | \$68.04*       |
| <a href="#">AMD Phenom II X4 B35</a>                | 2,319    | 2796                      | NA                              | NA             |
| <a href="#">Intel Core i3-3240 @ 3.40GHz</a>        | 2,319    | 2793                      | 136.50                          | \$16.99        |
| <a href="#">Intel Xeon E5-2603 @ 1.80GHz</a>        | 2,319    | 2794                      | 5.73                            | \$404.40       |
| <a href="#">AMD Athlon II X4 641 Quad-Core</a>      | 2,313    | 2797                      | 196.32                          | \$11.78*       |
| <a href="#">Intel Core i5-4210U @ 1.70GHz</a>       | 2,309    | 2798                      | NA                              | NA             |
| <a href="#">Intel Core i3-2140 @ 3.50GHz</a>        | 2,307    | 2799                      | NA                              | NA             |
| <a href="#">Intel Core i5-4260U @ 1.40GHz</a>       | 2,304    | 2800                      | NA                              | NA             |
| <a href="#">Intel Core2 Extreme Q6850 @ 3.00GHz</a> | 2,304    | 2801                      | 1.54                            | \$1,495.95*    |
| <a href="#">AMD Phenom II X4 B70</a>                | 2,303    | 2802                      | NA                              | NA             |
| <a href="#">Intel Core i5-3437U @ 1.90GHz</a>       | 2,301    | 2803                      | NA                              | NA             |
| <a href="#">AMD A10-6700T APU</a>                   | 2,299    | 2805                      | 26.12                           | \$88.02        |
| <a href="#">Intel Xeon X3430 @ 2.40GHz</a>          | 2,299    | 2804                      | 13.91                           | \$165.23       |
| <a href="#">MT6771V/WL</a>                          | 2,299    | 2806                      | NA                              | NA             |
| <a href="#">Allwinner A527</a>                      | 2,297    | 2807                      | NA                              | NA             |
| <a href="#">Intel Celeron G4930T @ 3.00GHz</a>      | 2,297    | 2808                      | 54.68                           | \$42.00*       |
| <a href="#">Intel Xeon E3-1220L @ 2.20GHz</a>       | 2,295    | 2809                      | NA                              | NA             |
| <a href="#">AMD PRO A8-9600B</a>                    | 2,292    | 2810                      | NA                              | NA             |
| <a href="#">ARM Cortex-A72 4 Core 2200 MHz</a>      | 2,288    | 2811                      | NA                              | NA             |
| <a href="#">Intel Xeon E54</a>                      |          |                           |                                 | \$20.04*       |



## CPU Benchmarks



| CPU Name                                 | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <u>AMD Opteron 3260 HE</u>               | 2,283    | 2814                      | NA                              | NA             |
| <u>Intel Core i7-860S @ 2.53GHz</u>      | 2,280    | 2815                      | 22.80                           | \$100.00*      |
| <u>Intel Core i3-6006U @ 2.00GHz</u>     | 2,279    | 2816                      | NA                              | NA             |
| <u>AMD Athlon X4 730</u>                 | 2,278    | 2817                      | NA                              | NA             |
| <u>Intel Xeon L5520 @ 2.27GHz</u>        | 2,274    | 2818                      | 78.43                           | \$29.00*       |
| <u>Mediatek MT8768CX</u>                 | 2,274    | 2819                      | NA                              | NA             |
| <u>Intel Core i7-4550U @ 1.50GHz</u>     | 2,272    | 2820                      | NA                              | NA             |
| <u>ARM - 8 Core 2208 MHz</u>             | 2,270    | 2821                      | NA                              | NA             |
| <u>Intel Core m5-6Y54 @ 1.10GHz</u>      | 2,269    | 2822                      | NA                              | NA             |
| <u>AMD Phenom II X4 B45</u>              | 2,267    | 2823                      | NA                              | NA             |
| <u>Intel Celeron N4505 @ 2.00GHz</u>     | 2,266    | 2824                      | NA                              | NA             |
| <u>Qualcomm Technologies, Inc SM6125</u> | 2,266    | 2825                      | NA                              | NA             |
| <u>Unisoc ums9230</u>                    | 2,266    | 2826                      | NA                              | NA             |
| <u>AMD Phenom II X4 925</u>              | 2,265    | 2827                      | 109.12                          | \$20.76*       |
| <u>Intel Core i3-3220 @ 3.30GHz</u>      | 2,264    | 2828                      | 45.27                           | \$50.00        |
| <u>Intel Xeon X3350 @ 2.66GHz</u>        | 2,263    | 2829                      | 37.73                           | \$59.99*       |
| <u>Samsung Exynos 9610</u>               | 2,263    | 2830                      | NA                              | NA             |
| <u>Intel Xeon L5430 @ 2.66GHz</u>        | 2,260    | 2831                      | 10.32                           | \$219.00*      |
| <u>Intel Pentium 5405U @ 2.30GHz</u>     | 2,257    | 2832                      | 14.02                           | \$161.00*      |
| <u>Intel Celeron J3455 @ 1.50GHz</u>     | 2,254    | 2834                      | 6.46                            | \$349.00*      |
| <u>Intel Core i5-3427U @ 1.80GHz</u>     | 2,254    | 2833                      | 5.37                            | \$420.05*      |
| <u>mt6779</u>                            | 2,251    | 2835                      | NA                              | NA             |
| <u>AMD Athlon II X4 638 Quad-Core</u>    | 2,250    | 2836                      | 35.79                           | \$62.85*       |
| <u>Intel Celeron G3930 @ 2.90GHz</u>     | 2,249    | 2837                      | 39.20                           | \$57.38        |
| <u>Intel Xeon E3-1220L V2 @ 2.30GHz</u>  | 2,248    | 2838                      | 12.65                           | \$177.66*      |
| <u>Intel Core i5-650 @ 3.20GHz</u>       | 2,247    | 2839                      | 48.68                           | \$46.16        |
| <u>AMD A10-8700P</u>                     | 2,245    | 2841                      | NA                              | NA             |
| <u>AMD Athlon II X4 640</u>              | 2,245    | 2842                      | 187.24                          | \$11.99        |
| <u>Intel Celeron N6211 @ 1.20GHz</u>     | 2,245    | 2843                      | 41.57                           | \$54.00*       |
| <u>Intel Pentium 4417U @ 2.30GHz</u>     | 2,245    | 2840                      | 13.94                           | \$161.00*      |
| <u>AMD A8-8600P</u>                      | 2,240    | 2845                      | NA                              | NA             |
| <u>Intel Core i5-2520M @ 2.50GHz</u>     | 2,240    | 2844                      | 66.14                           | \$33.87*       |
| <u>Intel Celeron G4005T @ 2.00GHz</u>    | 2,238    | 2846                      | 27.25                           | \$59.95        |
| <u>Intel Core i3-32</u>                  |          |                           |                                 | \$167.00       |



## CPU Benchmarks



| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i7-3555LE @ 2.50GHz</a>    | 2,238    | 2849                      | NA                              | NA             |
| <a href="#">Intel Xeon E5430 @ 2.66GHz</a>        | 2,238    | 2850                      | 9.73                            | \$229.95*      |
| <a href="#">AMD Athlon II X4 635</a>              | 2,237    | 2851                      | 38.56                           | \$58.02        |
| <a href="#">Qualcomm Technologies, Inc SDM662</a> | 2,237    | 2852                      | NA                              | NA             |
| <a href="#">Intel Pentium 4415U @ 2.30GHz</a>     | 2,232    | 2853                      | NA                              | NA             |
| <a href="#">Intel Pentium G3460 @ 3.50GHz</a>     | 2,231    | 2854                      | 17.85                           | \$125.00*      |
| <a href="#">Intel Xeon X3353 @ 2.66GHz</a>        | 2,229    | 2855                      | 30.33                           | \$73.50*       |
| <a href="#">MT6769V</a>                           | 2,229    | 2856                      | NA                              | NA             |
| <a href="#">MT6969T</a>                           | 2,228    | 2857                      | NA                              | NA             |
| <a href="#">Intel Core i3-3210 @ 3.20GHz</a>      | 2,227    | 2858                      | 31.81                           | \$70.00*       |
| <a href="#">MediaTek MT6771V/WM</a>               | 2,225    | 2859                      | NA                              | NA             |
| <a href="#">Intel Core2 Quad Q9500 @ 2.83GHz</a>  | 2,224    | 2860                      | 45.38                           | \$49.01*       |
| <a href="#">ARM Kryo-3XX-Gold 4 Core 1766 MHz</a> | 2,222    | 2861                      | NA                              | NA             |
| <a href="#">Intel Celeron G3930TE @ 2.70GHz</a>   | 2,218    | 2862                      | 52.82                           | \$42.00*       |
| <a href="#">AMD PRO A10-8700B</a>                 | 2,212    | 2864                      | NA                              | NA             |
| <a href="#">MediaTek MT6797X</a>                  | 2,212    | 2863                      | NA                              | NA             |
| <a href="#">Snapdragon 835</a>                    | 2,211    | 2865                      | NA                              | NA             |
| <a href="#">Intel Core i7-940XM @ 2.13GHz</a>     | 2,209    | 2866                      | NA                              | NA             |
| <a href="#">Intel Core i3-5020U @ 2.20GHz</a>     | 2,208    | 2867                      | 4.81                            | \$459.00*      |
| <a href="#">Intel Celeron G5905T @ 3.30GHz</a>    | 2,206    | 2868                      | 52.52                           | \$42.00*       |
| <a href="#">AMD Phenom II X4 973</a>              | 2,204    | 2869                      | NA                              | NA             |
| <a href="#">Intel Pentium G3440 @ 3.30GHz</a>     | 2,202    | 2870                      | 42.71                           | \$51.55*       |
| <a href="#">Intel Xeon X5472 @ 3.00GHz</a>        | 2,197    | 2871                      | 9.76                            | \$225.00*      |
| <a href="#">Intel Core i3-5010U @ 2.10GHz</a>     | 2,195    | 2872                      | 7.32                            | \$299.86*      |
| <a href="#">Qualcomm SDM439</a>                   | 2,195    | 2873                      | NA                              | NA             |
| <a href="#">Intel Celeron J3455E @ 1.50GHz</a>    | 2,193    | 2874                      | NA                              | NA             |
| <a href="#">Intel Core i3-21050 @ 3.10GHz</a>     | 2,193    | 2875                      | NA                              | NA             |
| <a href="#">ARM Cortex-A72 4 Core 2016 MHz</a>    | 2,192    | 2876                      | NA                              | NA             |
| <a href="#">MediaTek MT6769V/WB</a>               | 2,192    | 2878                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDM636</a> | 2,192    | 2877                      | NA                              | NA             |
| <a href="#">AMD PRO A8-8600B</a>                  | 2,190    | 2880                      | NA                              | NA             |
| <a href="#">Intel Pentium G4400TE @ 2.40GHz</a>   | 2,190    | 2879                      | 34.23                           | \$64.00*       |
| <a href="#">Intel Core2 Quad Q9450 @ 2.66GHz</a>  | 2,188    | 2884                      | 64.64                           | \$35.70*       |
| <a href="#">Mediatek MT67</a>                     |          |                           |                                 | NA             |



## CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Pentium G3450 @ 3.40GHz</a>        | 2,178    | 2884                      | 41.84                           | \$52.05        |
| <a href="#">Intel Xeon E5462 @ 2.80GHz</a>           | 2,178    | 2885                      | 9.64                            | \$226.00*      |
| <a href="#">AMD A8-3820 APU</a>                      | 2,174    | 2887                      | 48.36                           | \$44.95*       |
| <a href="#">Intel Atom C2750 @ 2.41GHz</a>           | 2,174    | 2886                      | NA                              | NA             |
| <a href="#">Intel Core i5-8200Y @ 1.30GHz</a>        | 2,174    | 2888                      | 7.47                            | \$291.00*      |
| <a href="#">AMD A6-3670 APU</a>                      | 2,171    | 2889                      | 39.52                           | \$54.95*       |
| <a href="#">Intel Pentium N4200 @ 1.10GHz</a>        | 2,170    | 2890                      | 9.49                            | \$228.71*      |
| <a href="#">Mediatek MT8786</a>                      | 2,167    | 2891                      | NA                              | NA             |
| <a href="#">Intel Celeron G3900 @ 2.80GHz</a>        | 2,165    | 2893                      | 135.49                          | \$15.98        |
| <a href="#">Intel Core m3-6Y30 @ 0.90GHz</a>         | 2,165    | 2892                      | 7.71                            | \$281.00*      |
| <a href="#">Samsung Exynos 7420</a>                  | 2,164    | 2894                      | NA                              | NA             |
| <a href="#">AMD Phenom II X4 B93</a>                 | 2,159    | 2895                      | NA                              | NA             |
| <a href="#">AMD A8-7690K</a>                         | 2,157    | 2896                      | NA                              | NA             |
| <a href="#">AMD Phenom II X4 920</a>                 | 2,156    | 2897                      | 77.31                           | \$27.89*       |
| <a href="#">Intel Core2 Quad Q9505 @ 2.83GHz</a>     | 2,156    | 2898                      | 43.12                           | \$49.99*       |
| <a href="#">Intel Celeron G5900T @ 3.20GHz</a>       | 2,155    | 2899                      | 51.30                           | \$42.00*       |
| <a href="#">AMD A8-7200P</a>                         | 2,154    | 2900                      | NA                              | NA             |
| <a href="#">AMD Athlon II X4 630</a>                 | 2,153    | 2901                      | 44.83                           | \$48.04        |
| <a href="#">AMD FirePro A320 APU</a>                 | 2,153    | 2902                      | NA                              | NA             |
| <a href="#">Intel Core i5-4250U @ 1.30GHz</a>        | 2,149    | 2903                      | 6.16                            | \$349.00*      |
| <a href="#">Qualcomm Technologies, Inc APQ8053</a>   | 2,149    | 2904                      | NA                              | NA             |
| <a href="#">ARM Cortex-A76 4 Core 2400 MHz</a>       | 2,148    | 2905                      | NA                              | NA             |
| <a href="#">Intel Core2 Extreme Q6800 @ 2.93GHz</a>  | 2,145    | 2906                      | 1.91                            | \$1,125.00*    |
| <a href="#">Intel Xeon L5420 @ 2.50GHz</a>           | 2,143    | 2907                      | 77.91                           | \$27.50*       |
| <a href="#">QTI MSM8937</a>                          | 2,142    | 2908                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc MSM8976SG</a> | 2,139    | 2909                      | NA                              | NA             |
| <a href="#">MT6765H</a>                              | 2,132    | 2910                      | NA                              | NA             |
| <a href="#">AMD Phenom II X4 910e</a>                | 2,131    | 2912                      | 30.49                           | \$69.90*       |
| <a href="#">Intel Core2 Quad Q9400 @ 2.66GHz</a>     | 2,131    | 2911                      | 85.09                           | \$25.05        |
| <a href="#">MediaTek MT6763V/CE</a>                  | 2,130    | 2913                      | NA                              | NA             |
| <a href="#">Intel Pentium G3430 @ 3.30GHz</a>        | 2,127    | 2915                      | 23.09                           | \$92.10        |
| <a href="#">Qualcomm MSM8956</a>                     | 2,127    | 2914                      | NA                              | NA             |
| <a href="#">AMD Athlon II X4 621 Quad Core</a>       | 2,122    | 2916                      | 472.27                          | \$12.31*       |
| <a href="#">Qualcomm Tec</a>                         |          |                           |                                 | NA             |



## CPU Benchmarks



| CPU Name                                 | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <u>AMD Athlon X4 640</u>                 | 2,115    | 2919                      | NA                              | NA             |
| <u>Hardkernel ODROID-N2Plus</u>          | 2,115    | 2920                      | NA                              | NA             |
| <u>Intel Xeon X3330 @ 2.66GHz</u>        | 2,111    | 2921                      | 10.05                           | \$210.00*      |
| <u>AMD Phenom II X4 B25</u>              | 2,108    | 2922                      | NA                              | NA             |
| <u>Intel Pentium G3440T @ 2.80GHz</u>    | 2,107    | 2923                      | NA                              | NA             |
| <u>AMD A10-7400P</u>                     | 2,100    | 2924                      | NA                              | NA             |
| <u>AMD 3015Ce</u>                        | 2,099    | 2925                      | NA                              | NA             |
| <u>MT6797M</u>                           | 2,099    | 2926                      | NA                              | NA             |
| <u>Mediatek MT6765H</u>                  | 2,098    | 2927                      | NA                              | NA             |
| <u>Qualcomm Technologies, Inc SDM632</u> | 2,097    | 2928                      | NA                              | NA             |
| <u>Intel Atom x7-E3950 @ 1.60GHz</u>     | 2,096    | 2929                      | NA                              | NA             |
| <u>Intel Core2 Quad Q6700 @ 2.66GHz</u>  | 2,093    | 2931                      | 16.11                           | \$129.95*      |
| <u>Samsung Exynos7870</u>                | 2,093    | 2930                      | NA                              | NA             |
| <u>Intel Pentium G2140 @ 3.30GHz</u>     | 2,092    | 2933                      | 46.48                           | \$45.00        |
| <u>Intel Pentium G3260 @ 3.30GHz</u>     | 2,092    | 2932                      | 34.93                           | \$59.90        |
| <u>Samsung Exynos 850</u>                | 2,091    | 2934                      | NA                              | NA             |
| <u>Intel Core i5-3337U @ 1.80GHz</u>     | 2,090    | 2935                      | 9.29                            | \$225.00*      |
| <u>Intel Core i3-2125 @ 3.30GHz</u>      | 2,083    | 2936                      | 13.44                           | \$154.99*      |
| <u>Intel Core i7-3517U @ 1.90GHz</u>     | 2,082    | 2937                      | NA                              | NA             |
| <u>AMD Phenom II X4 820</u>              | 2,081    | 2938                      | 33.55                           | \$62.02*       |
| <u>AMD Opteron 1389</u>                  | 2,079    | 2939                      | NA                              | NA             |
| <u>AMD Athlon II X4 655</u>              | 2,078    | 2940                      | NA                              | NA             |
| <u>Intel Pentium G3258 @ 3.20GHz</u>     | 2,076    | 2941                      | 40.42                           | \$51.36        |
| <u>Intel Celeron 6305 @ 1.80GHz</u>      | 2,075    | 2942                      | NA                              | NA             |
| <u>AMD Opteron 2384</u>                  | 2,074    | 2943                      | 1.78                            | \$1,166.00*    |
| <u>Intel Core i5-2450M @ 2.50GHz</u>     | 2,074    | 2944                      | 28.01                           | \$74.02*       |
| <u>Intel Core i7-610E @ 2.53GHz</u>      | 2,071    | 2945                      | NA                              | NA             |
| <u>AMD A6-3650 APU</u>                   | 2,070    | 2947                      | 16.17                           | \$128.00*      |
| <u>AMD Phenom II X4 830</u>              | 2,070    | 2946                      | 108.91                          | \$19.01*       |
| <u>Intel Core i7-640M @ 2.80GHz</u>      | 2,069    | 2948                      | 14.58                           | \$141.85*      |
| <u>Apple A9</u>                          | 2,068    | 2949                      | NA                              | NA             |
| <u>Intel Core i5-2435M @ 2.40GHz</u>     | 2,067    | 2950                      | NA                              | NA             |
| <u>Intel Core2 Quad Q6400 @ 2.66GHz</u>  | 2,066    | 2951                      | 16.03                           | \$128.88*      |
| <u>QTI MSM8953</u>                       |          |                           |                                 | NA             |



## CPU Benchmarks



| CPU Name                                   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <u>AMD Opteron 4162 EE</u>                 | 2,058    | 2954                      | 102.97                          | \$19.99*       |
| <u>Intel Xeon X3230 @ 2.66GHz</u>          | 2,052    | 2955                      | 5.86                            | \$349.95*      |
| <u>AMD A10-5750M APU</u>                   | 2,050    | 2956                      | 26.27                           | \$78.02*       |
| <u>AMD A8-3800 APU</u>                     | 2,049    | 2957                      | 18.63                           | \$109.95*      |
| <u>SAMSUNG Exynos7420</u>                  | 2,047    | 2958                      | NA                              | NA             |
| <u>rk3399</u>                              | 2,046    | 2959                      | NA                              | NA             |
| <u>Intel Core i3-3240T @ 2.90GHz</u>       | 2,043    | 2960                      | NA                              | NA             |
| <u>Intel Core i3-2130 @ 3.40GHz</u>        | 2,042    | 2961                      | 33.61                           | \$60.74        |
| <u>Qualcomm Technologies, Inc SDM460</u>   | 2,041    | 2962                      | NA                              | NA             |
| <u>Intel Celeron G3930T @ 2.70GHz</u>      | 2,040    | 2963                      | 52.31                           | \$39.00        |
| <u>Intel Celeron G3900E @ 2.40GHz</u>      | 2,034    | 2964                      | 19.01                           | \$107.00*      |
| <u>Intel Core M-5Y71 @ 1.20GHz</u>         | 2,032    | 2965                      | 7.23                            | \$281.00*      |
| <u>MediaTek MT8768CT</u>                   | 2,031    | 2966                      | NA                              | NA             |
| <u>Intel Core i3-2102 @ 3.10GHz</u>        | 2,029    | 2967                      | 34.98                           | \$58.00*       |
| <u>Intel Xeon E7- 2830 @ 2.13GHz</u>       | 2,027    | 2968                      | 1.14                            | \$1,779.00*    |
| <u>Intel Core i3-5005U @ 2.00GHz</u>       | 2,023    | 2969                      | 6.57                            | \$308.00*      |
| <u>Giada JHS558 (Android)</u>              | 2,022    | 2971                      | NA                              | NA             |
| <u>Intel Core i3-4330TE @ 2.40GHz</u>      | 2,022    | 2970                      | NA                              | NA             |
| <u>Intel Xeon E5420 @ 2.50GHz</u>          | 2,022    | 2972                      | 8.09                            | \$249.95*      |
| <u>Intel Celeron G3900T @ 2.60GHz</u>      | 2,020    | 2973                      | 17.96                           | \$112.46*      |
| <u>AMD Athlon II X4 620</u>                | 2,018    | 2974                      | 36.73                           | \$54.95        |
| <u>Intel Core i5-3317U @ 1.70GHz</u>       | 2,017    | 2976                      | 8.96                            | \$225.00*      |
| <u>Intel Core i5-655K @ 3.20GHz</u>        | 2,017    | 2975                      | 26.24                           | \$76.87*       |
| <u>Intel Pentium G3450T @ 2.90GHz</u>      | 2,016    | 2977                      | NA                              | NA             |
| <u>Intel Core2 Extreme Q9200 @ 2.40GHz</u> | 2,011    | 2978                      | NA                              | NA             |
| <u>Intel Core M-5Y51 @ 1.10GHz</u>         | 2,010    | 2979                      | NA                              | NA             |
| <u>AMD Athlon II X3 460</u>                | 2,008    | 2981                      | 120.67                          | \$16.64*       |
| <u>Intel Celeron 6305E @ 1.80GHz</u>       | 2,008    | 2980                      | 18.77                           | \$107.00*      |
| <u>Intel Xeon E5410 @ 2.33GHz</u>          | 2,007    | 2982                      | 187.78                          | \$10.69*       |
| <u>Intel Core i5-2430M @ 2.40GHz</u>       | 2,004    | 2983                      | 32.31                           | \$62.02*       |
| <u>AMD Phenom II X4 810</u>                | 2,003    | 2984                      | 9.41                            | \$213.00*      |
| <u>AMD Athlon II X4 615e</u>               | 2,000    | 2985                      | 33.90                           | \$59.00*       |
| <u>Intel Core i7-2655LE @ 2.00GHz</u>      | 1,999    | 2986                      | NA                              | NA             |
| <u>AMD A10-5757</u>                        |          |                           |                                 | NA             |

 CPU Benchmarks 

| CPU Name                                   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <u>AMD Opteron 2427</u>                    | 1,995    | 2991                      | 36.28                           | \$55.00*       |
| <u>Intel Celeron N6210 @ 1.20GHz</u>       | 1,995    | 2989                      | 36.95                           | \$54.00*       |
| <u>MediaTek MT8768WT</u>                   | 1,995    | 2990                      | NA                              | NA             |
| <u>Intel Pentium G3250 @ 3.20GHz</u>       | 1,988    | 2992                      | 32.59                           | \$61.00        |
| <u>Intel Xeon X3320 @ 2.50GHz</u>          | 1,986    | 2993                      | 8.65                            | \$229.50*      |
| <u>Intel Core2 Quad Q9300 @ 2.50GHz</u>    | 1,984    | 2994                      | 52.14                           | \$38.04*       |
| <u>Intel Celeron N3450 @ 1.10GHz</u>       | 1,981    | 2995                      | 10.70                           | \$185.08*      |
| <u>Intel Core i7-620M @ 2.67GHz</u>        | 1,979    | 2997                      | 11.31                           | \$174.95*      |
| <u>Intel Xeon X5355 @ 2.66GHz</u>          | 1,979    | 2996                      | 6.60                            | \$299.95*      |
| <u>Qualcomm Technologies, Inc 450</u>      | 1,978    | 2998                      | NA                              | NA             |
| <u>Intel Xeon X3220 @ 2.40GHz</u>          | 1,973    | 2999                      | 29.83                           | \$66.14*       |
| <u>AMD FX-7500 APU</u>                     | 1,967    | 3001                      | NA                              | NA             |
| <u>Intel Celeron N4500 @ 1.10GHz</u>       | 1,967    | 3000                      | NA                              | NA             |
| <u>Intel Core i7-3689Y @ 1.50GHz</u>       | 1,967    | 3002                      | NA                              | NA             |
| <u>Intel Core2 Extreme Q9300 @ 2.53GHz</u> | 1,966    | 3003                      | NA                              | NA             |
| <u>AMD Athlon II X4 610e</u>               | 1,964    | 3004                      | 118.33                          | \$16.60*       |
| <u>MT8169A</u>                             | 1,962    | 3005                      | NA                              | NA             |
| <u>AMD Phenom II X4 805</u>                | 1,959    | 3006                      | 11.26                           | \$173.99*      |
| <u>Intel Core i3-4025U @ 1.90GHz</u>       | 1,959    | 3007                      | NA                              | NA             |
| <u>Intel Core i3-2120 @ 3.30GHz</u>        | 1,957    | 3008                      | 163.23                          | \$11.99        |
| <u>Intel Atom E3900 @ 1.60GHz</u>          | 1,953    | 3009                      | NA                              | NA             |
| <u>Intel Core i5-580M @ 2.67GHz</u>        | 1,951    | 3010                      | 19.52                           | \$99.95*       |
| <u>Intel Core i7-920XM @ 2.00GHz</u>       | 1,950    | 3011                      | 4.89                            | \$398.95*      |
| <u>Qualcomm Technologies, Inc QCS610</u>   | 1,949    | 3012                      | NA                              | NA             |
| <u>Intel Core i3-4120U @ 2.00GHz</u>       | 1,948    | 3014                      | NA                              | NA             |
| <u>Intel Core i5-2415M @ 2.30GHz</u>       | 1,948    | 3013                      | NA                              | NA             |
| <u>AMD Phenom 9850B Quad-Core</u>          | 1,946    | 3015                      | NA                              | NA             |
| <u>Intel Core i7-840QM @ 1.87GHz</u>       | 1,945    | 3016                      | 5.74                            | \$338.90*      |
| <u>Intel Xeon E5506 @ 2.13GHz</u>          | 1,944    | 3017                      | 21.93                           | \$88.63*       |
| <u>Intel Atom x5-E3940 @ 1.60GHz</u>       | 1,941    | 3019                      | NA                              | NA             |
| <u>MT6757W</u>                             | 1,941    | 3018                      | NA                              | NA             |
| <u>Intel Core i3-3220T @ 2.80GHz</u>       | 1,940    | 3020                      | 24.25                           | \$80.00        |
| <u>Intel Core i5-2415M @ 2.30GHz</u>       | 1,940    | 3021                      | 10.17                           | \$42.02*       |
| <u>Intel Xeon L541</u>                     |          |                           |                                 | \$100.08*      |

| CPU Name | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|----------|---------------------------|---------------------------------|----------------|
|----------|----------|---------------------------|---------------------------------|----------------|

 CPU Benchmarks 

|  |       |      |       |           |
|--|-------|------|-------|-----------|
| <u>AMD Phenom II X4 905e</u>                 | 1,936 | 3024 | 35.86 | \$53.99*  |
| <u>Intel Xeon X6550 @ 2.00GHz</u>            | 1,936 | 3025 | 24.50 | \$79.00*  |
| <u>Intel Xeon E5603 @ 1.60GHz</u>            | 1,935 | 3026 | 21.74 | \$89.00*  |
| <u>Intel Pentium G3240 @ 3.10GHz</u>         | 1,933 | 3028 | 23.75 | \$81.39   |
| <u>Intel Pentium G3420 @ 3.20GHz</u>         | 1,933 | 3027 | 19.33 | \$100.01  |
| <u>AMD A8-6500T APU</u>                      | 1,929 | 3029 | 32.18 | \$59.95*  |
| <u>Intel Xeon E5507 @ 2.27GHz</u>            | 1,928 | 3030 | 19.28 | \$100.00* |
| <u>Intel Pentium G2130 @ 3.20GHz</u>         | 1,926 | 3031 | 44.13 | \$43.64   |
| <u>Intel Core i3-4158U @ 2.00GHz</u>         | 1,921 | 3033 | NA    | NA        |
| <u>Qualcomm Technologies, Inc SDM630</u>     | 1,921 | 3032 | NA    | NA        |
| <u>AMD Opteron 3320 EE</u>                   | 1,918 | 3034 | 3.75  | \$512.00* |
| <u>AMD A10 PRO-7350B APU</u>                 | 1,915 | 3036 | NA    | NA        |
| <u>Intel Core2 Quad Q9100 @ 2.26GHz</u>      | 1,915 | 3035 | 4.96  | \$385.89* |
| <u>Intel Core i7-2677M @ 1.80GHz</u>         | 1,912 | 3039 | NA    | NA        |
| <u>Intel Pentium G3420T @ 2.70GHz</u>        | 1,912 | 3040 | 11.95 | \$159.99* |
| <u>MT8768CA</u>                              | 1,912 | 3037 | NA    | NA        |
| <u>Qualcomm Technologies, Inc BENGAL-IOT</u> | 1,912 | 3038 | NA    | NA        |
| <u>AMD Opteron X2170 APU</u>                 | 1,911 | 3041 | NA    | NA        |
| <u>P22</u>                                   | 1,908 | 3042 | NA    | NA        |
| <u>Allwinner A523</u>                        | 1,907 | 3045 | NA    | NA        |
| <u>Intel Core i5-3439Y @ 1.50GHz</u>         | 1,907 | 3043 | NA    | NA        |
| <u>Intel Core i5-4422E @ 1.80GHz</u>         | 1,907 | 3044 | 7.17  | \$266.00* |
| <u>AMD Phenom II X4 B05e</u>                 | 1,906 | 3047 | NA    | NA        |
| <u>AMD PRO A6-8570</u>                       | 1,906 | 3046 | NA    | NA        |
| <u>AMD Athlon 5370 APU</u>                   | 1,905 | 3048 | 3.18  | \$598.68* |
| <u>Intel Core M-5Y10a @ 0.80GHz</u>          | 1,905 | 3049 | NA    | NA        |
| <u>Intel Core i5-560M @ 2.67GHz</u>          | 1,904 | 3050 | 23.82 | \$79.97*  |
| <u>MediaTek MT6797</u>                       | 1,903 | 3051 | NA    | NA        |
| <u>AMD Opteron 2419 EE</u>                   | 1,902 | 3052 | NA    | NA        |
| <u>Intel Celeron G1850 @ 2.90GHz</u>         | 1,900 | 3054 | 32.21 | \$59.00   |
| <u>Intel Core i3-3130M @ 2.60GHz</u>         | 1,900 | 3053 | NA    | NA        |
| <u>Intel Core M-5Y31 @ 0.90GHz</u>           | 1,899 | 3055 | NA    | NA        |
| <u>AMD Opteron 1335</u>                      | 1,898 | 3056 | 42.42 | \$45.00*  |
| <u>HiSilicon Kirin 610</u>                   |       |      |       | NA        |



## CPU Benchmarks

| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core2 Quad Q8300 @ 2.50GHz</a>                   | 1,892    | 3058                      | 23.92                           | \$79.10        |
| <a href="#">Intel Pentium G2120 @ 3.10GHz</a>                      | 1,892    | 3059                      | 36.38                           | \$52.00        |
| <a href="#">Intel Pentium G3220 @ 3.00GHz</a>                      | 1,892    | 3060                      | 63.07                           | \$29.99*       |
| <a href="#">MT6765V/WB</a>   | 1,891    | 3062                      | NA                              | NA             |
| <a href="#">Intel Atom C3538 @ 2.10GHz</a>                         | 1,889    | 3064                      | 25.18                           | \$75.00*       |
| <a href="#">Intel Core i5-2510E @ 2.50GHz</a>                      | 1,889    | 3063                      | NA                              | NA             |
| <a href="#">MediaTek MT6765V/CB</a>                                | 1,887    | 3065                      | NA                              | NA             |
| <a href="#">AMD Phenom 9950 Quad-Core</a>                          | 1,884    | 3066                      | 9.42                            | \$199.99*      |
| <a href="#">AMD PRO A6-8550B</a>                                   | 1,882    | 3067                      | NA                              | NA             |
| <a href="#">Intel Core i5-2515E @ 2.50GHz</a>                      | 1,882    | 3068                      | NA                              | NA             |
| <a href="#">AMD Athlon II X3 455</a>                               | 1,879    | 3069                      | 72.94                           | \$25.76*       |
| <a href="#">Intel Core i3-4030U @ 1.90GHz</a>                      | 1,872    | 3070                      | NA                              | NA             |
| <a href="#">AMD A6-9500</a>  | 1,869    | 3071                      | 46.73                           | \$40.00        |
| <a href="#">Intel Xeon E5345 @ 2.33GHz</a>                         | 1,868    | 3072                      | 124.61                          | \$14.99*       |
| <a href="#">AMD Opteron 2378</a>                                   | 1,864    | 3073                      | 128.65                          | \$14.49*       |
| <a href="#">Intel Core i3-5015U @ 2.10GHz</a>                      | 1,864    | 3074                      | NA                              | NA             |
| <a href="#">AMD A8-5550M APU</a>                                   | 1,862    | 3075                      | NA                              | NA             |
| <a href="#">Rockchip RK3399 EVB IND LPDDR4 Board lvds (Android</a> | 1,862    | 3076                      | NA                              | NA             |
| <a href="#">Intel Core i3-4110U @ 1.90GHz</a>                      | 1,860    | 3077                      | NA                              | NA             |
| <a href="#">Intel Core i3-2100 @ 3.10GHz</a>                       | 1,857    | 3078                      | 37.89                           | \$49.00        |
| <a href="#">Intel Core i7-2637M @ 1.70GHz</a>                      | 1,854    | 3079                      | NA                              | NA             |
| <a href="#">Intel Core i5-4230U @ 1.90GHz</a>                      | 1,853    | 3080                      | NA                              | NA             |
| <a href="#">ARM Cortex-A53 6 Core 1896 MHz</a>                     | 1,851    | 3082                      | NA                              | NA             |
| <a href="#">Intel Pentium 1403 @ 2.60GHz</a>                       | 1,851    | 3081                      | NA                              | NA             |
| <a href="#">Intel Celeron G3900TE @ 2.30GHz</a>                    | 1,850    | 3083                      | 44.10                           | \$41.95        |
| <a href="#">AMD A6-3620 APU</a>                                    | 1,848    | 3084                      | 82.19                           | \$22.49*       |
| <a href="#">Intel Core i3-4100E @ 2.40GHz</a>                      | 1,848    | 3085                      | 8.22                            | \$225.00*      |
| <a href="#">AMD Athlon II X3 450</a>                               | 1,847    | 3086                      | 71.16                           | \$25.95        |
| <a href="#">MediaTek MT6757V</a>                                   | 1,846    | 3087                      | NA                              | NA             |
| <a href="#">Intel Core i3-2310E @ 2.10GHz</a>                      | 1,845    | 3088                      | 8.20                            | \$225.00*      |
| <a href="#">AMD Phenom II X3 B77</a>                               | 1,844    | 3089                      | 82.71                           | \$22.29*       |
| <a href="#">AMD Phenom 9750 Quad-Core</a>                          | 1,843    | 3090                      | 38.38                           | \$48.02*       |
| <a href="#">MediaTek MT6765V/CB</a>                                | 1,842    | 3091                      | NA                              | NA             |
| <a href="#">Intel Core i3-21</a>                                   |          |                           |                                 | \$112.97*      |



## CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Xeon X3323 @ 2.50GHz</a>         | 1,837    | 3094                      | 94.86                           | \$19.36*       |
| <a href="#">AMD A6-7480</a>                        | 1,836    | 3096                      | 52.72                           | \$34.82*       |
| <a href="#">Samsung Exynos 7904</a>                | 1,836    | 3095                      | NA                              | NA             |
| <a href="#">Samsung Exynos 7885</a>                | 1,835    | 3097                      | NA                              | NA             |
| <a href="#">Intel Atom x6211E @ 1.30GHz</a>        | 1,833    | 3098                      | 52.36                           | \$35.00*       |
| <a href="#">Intel Core i7-740QM @ 1.73GHz</a>      | 1,829    | 3099                      | 9.63                            | \$189.95*      |
| <a href="#">AMD Phenom II X4 B15e</a>              | 1,825    | 3101                      | NA                              | NA             |
| <a href="#">MT6765</a>                             | 1,825    | 3100                      | NA                              | NA             |
| <a href="#">AMD Athlon II X3 445</a>               | 1,823    | 3104                      | 121.61                          | \$14.99*       |
| <a href="#">Intel Core i3-2330E @ 2.20GHz</a>      | 1,823    | 3102                      | NA                              | NA             |
| <a href="#">Intel Core M-5Y70 @ 1.10GHz</a>        | 1,823    | 3103                      | NA                              | NA             |
| <a href="#">AMD Phenom 9600B Quad-Core</a>         | 1,822    | 3105                      | 45.59                           | \$39.95*       |
| <a href="#">ARM Cortex-A73 4 Core 1989 MHz</a>     | 1,820    | 3106                      | NA                              | NA             |
| <a href="#">MT6765V/WA</a>                         | 1,820    | 3108                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc MSM8953</a> | 1,820    | 3107                      | NA                              | NA             |
| <a href="#">Intel Core2 Quad Q6600 @ 2.40GHz</a>   | 1,818    | 3109                      | 47.95                           | \$37.91*       |
| <a href="#">AMD A8-7410 APU</a>                    | 1,815    | 3110                      | NA                              | NA             |
| <a href="#">AArch64 rev 4 (aarch64)</a>            | 1,813    | 3111                      | NA                              | NA             |
| <a href="#">Snapdragon 8cx Gen 3 @ 3.0</a>         | 1,811    | 3112                      | NA                              | NA             |
| <a href="#">AMD Athlon X4 620</a>                  | 1,810    | 3113                      | 27.87                           | \$64.95*       |
| <a href="#">Mediatek MT6762</a>                    | 1,810    | 3114                      | NA                              | NA             |
| <a href="#">Intel Pentium G3250T @ 2.80GHz</a>     | 1,809    | 3115                      | 36.18                           | \$49.99*       |
| <a href="#">Spreadtrum T603</a>                    | 1,809    | 3116                      | NA                              | NA             |
| <a href="#">Intel Celeron 4305U @ 2.20GHz</a>      | 1,807    | 3117                      | 16.89                           | \$107.00*      |
| <a href="#">Intel Core i5-540M @ 2.53GHz</a>       | 1,805    | 3118                      | 25.78                           | \$70.00*       |
| <a href="#">Samsung Exynos 7880</a>                | 1,805    | 3119                      | NA                              | NA             |
| <a href="#">AMD GX-424CC SOC</a>                   | 1,803    | 3120                      | NA                              | NA             |
| <a href="#">AMD A8-5557M APU</a>                   | 1,801    | 3121                      | NA                              | NA             |
| <a href="#">AMD A6-7470K</a>                       | 1,799    | 3122                      | 20.22                           | \$89.00        |
| <a href="#">AMD PRO A4-3350B APU</a>               | 1,799    | 3123                      | NA                              | NA             |
| <a href="#">AMD Opteron 1381</a>                   | 1,797    | 3125                      | NA                              | NA             |
| <a href="#">AMD Phenom II X940 Quad-Core</a>       | 1,797    | 3124                      | NA                              | NA             |
| <a href="#">AMD GX-420M SOC</a>                    | 1,796    | 3126                      | NA                              | NA             |
| <a href="#">Intel Atom C350</a>                    |          |                           |                                 | \$87.75*       |



CPU Benchmarks



| CPU Name                                  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <u>MT6763V/CT</u>                         | 1,794    | 3129                      | NA                              | NA             |
| <u>Qualcomm Technologies, Inc MSM8976</u> | 1,788    | 3130                      | NA                              | NA             |
| <u>AMD Athlon X4 530</u>                  | 1,786    | 3131                      | NA                              | NA             |
| <u>MediaTek MT6757CD</u>                  | 1,786    | 3132                      | NA                              | NA             |
| <u>AMD GX-420CA SOC</u>                   | 1,785    | 3134                      | NA                              | NA             |
| <u>Mediatek MT8768WE</u>                  | 1,785    | 3133                      | NA                              | NA             |
| <u>AMD Phenom X4 Quad-Core GP-9730</u>    | 1,784    | 3135                      | NA                              | NA             |
| <u>AMD Athlon 5350 APU</u>                | 1,783    | 3136                      | 12.06                           | \$147.83*      |
| <u>AMD Athlon X3 455</u>                  | 1,783    | 3137                      | NA                              | NA             |
| <u>AMD Athlon X3 435</u>                  | 1,781    | 3138                      | 18.65                           | \$95.49*       |
| <u>AMD Phenom II X3 B75</u>               | 1,781    | 3139                      | 35.66                           | \$49.95*       |
| <u>Intel Core i3-4000M @ 2.40GHz</u>      | 1,781    | 3140                      | 30.64                           | \$58.12*       |
| <u>AMD A10-5745M APU</u>                  | 1,779    | 3142                      | NA                              | NA             |
| <u>Intel Core2 Quad Q8200 @ 2.33GHz</u>   | 1,779    | 3141                      | 27.80                           | \$63.99*       |
| <u>Intel Celeron G1840 @ 2.80GHz</u>      | 1,778    | 3143                      | 15.09                           | \$117.86*      |
| <u>AMD Phenom II X4 910</u>               | 1,776    | 3144                      | 17.76                           | \$100.00*      |
| <u>Intel Core i7-820QM @ 1.73GHz</u>      | 1,775    | 3145                      | 13.76                           | \$129.00*      |
| <u>AMD R-464L APU</u>                     | 1,773    | 3146                      | NA                              | NA             |
| <u>AMD A8-6410 APU</u>                    | 1,771    | 3147                      | NA                              | NA             |
| <u>ASUS Tinker Board 2/2S</u>             | 1,771    | 3148                      | NA                              | NA             |
| <u>Mediatek MT6765V/WB</u>                | 1,771    | 3150                      | NA                              | NA             |
| <u>MT6757WD</u>                           | 1,771    | 3149                      | NA                              | NA             |
| <u>Intel Xeon L5408 @ 2.13GHz</u>         | 1,769    | 3151                      | NA                              | NA             |
| <u>AMD Phenom II N830 3+1</u>             | 1,768    | 3153                      | NA                              | NA             |
| <u>AMD PRO A6-9500</u>                    | 1,768    | 3152                      | 23.90                           | \$74.00*       |
| <u>AMD A10-4657M APU</u>                  | 1,759    | 3154                      | NA                              | NA             |
| <u>AMD A6-9500E</u>                       | 1,756    | 3155                      | 30.61                           | \$57.36*       |
| <u>Intel Pentium G2030 @ 3.00GHz</u>      | 1,748    | 3156                      | 29.36                           | \$59.53*       |
| <u>AMD Opteron 2373 EE</u>                | 1,744    | 3157                      | NA                              | NA             |
| <u>AMD A10-7300 APU</u>                   | 1,742    | 3158                      | NA                              | NA             |
| <u>HP Hexa-Core 2.0GHz</u>                | 1,741    | 3159                      | 3.45                            | \$504.27*      |
| <u>Intel Xeon L5335 @ 2.00GHz</u>         | 1,737    | 3160                      | 92.43                           | \$18.79*       |
| <u>MT6752M</u>                            | 1,735    | 3161                      | NA                              | NA             |
| <u>MT6762</u>                             |          |                           |                                 | NA             |

| CPU Name | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|----------|---------------------------|---------------------------------|----------------|
|----------|----------|---------------------------|---------------------------------|----------------|

 CPU Benchmarks 

|   |       |      |        |           |
|---|-------|------|--------|-----------|
| <u>Intel Celeron 3965U @ 2.20GHz</u>      | 1,732 | 3164 | 16.19  | \$107.00* |
| <u>MT6752</u>                             | 1,728 | 3165 | NA     | NA        |
| <u>AMD A6-7310 APU</u>                    | 1,724 | 3166 | NA     | NA        |
| <u>AMD Phenom X2 Dual-Core GE-6060</u>    | 1,722 | 3167 | NA     | NA        |
| <u>Intel Core i5-520M @ 2.40GHz</u>       | 1,720 | 3168 | 17.20  | \$100.00* |
| <u>Intel Xeon E5405 @ 2.00GHz</u>         | 1,718 | 3169 | 7.30   | \$235.49* |
| <u>Intel Celeron G1820 @ 2.70GHz</u>      | 1,715 | 3170 | 36.96  | \$46.41   |
| <u>AMD Phenom 9650 Quad-Core</u>          | 1,713 | 3172 | 42.82  | \$39.99*  |
| <u>Intel Core i5-2557M @ 1.70GHz</u>      | 1,713 | 3171 | NA     | NA        |
| <u>AMD Athlon II X3 440</u>               | 1,712 | 3174 | 116.78 | \$14.66*  |
| <u>AMD Phenom 9850 Quad-Core</u>          | 1,712 | 3173 | 13.17  | \$129.99* |
| <u>Mediatek MT6765</u>                    | 1,710 | 3175 | NA     | NA        |
| <u>QTI SDM450</u>                         | 1,708 | 3176 | NA     | NA        |
| <u>Qualcomm Technologies, Inc APQ8096</u> | 1,708 | 3177 | NA     | NA        |
| <u>Intel Celeron G1630 @ 2.80GHz</u>      | 1,707 | 3178 | 24.39  | \$69.99*  |
| <u>Intel Pentium 4425Y @ 1.70GHz</u>      | 1,704 | 3180 | 10.58  | \$161.00* |
| <u>Unisoc UIS8581A</u>                    | 1,704 | 3179 | NA     | NA        |
| <u>AMD Opteron 1356</u>                   | 1,703 | 3181 | 18.92  | \$89.99*  |
| <u>Intel Core i3-3120M @ 2.50GHz</u>      | 1,700 | 3182 | 6.46   | \$263.19* |
| <u>AMD Phenom FX-5200 Quad-Core</u>       | 1,699 | 3183 | NA     | NA        |
| <u>Intel Celeron 4305UE @ 2.00GHz</u>     | 1,699 | 3184 | NA     | NA        |
| <u>AMD A6-3600 APU</u>                    | 1,697 | 3185 | 68.02  | \$24.95*  |
| <u>AMD A6 PRO-7400B</u>                   | 1,696 | 3187 | NA     | NA        |
| <u>MediaTek MT8768WA</u>                  | 1,696 | 3186 | NA     | NA        |
| <u>Intel Atom x6211E @ 1.20GHz</u>        | 1,695 | 3188 | 48.43  | \$35.00*  |
| <u>Intel Pentium G2100T @ 2.60GHz</u>     | 1,691 | 3189 | NA     | NA        |
| <u>AMD A8-3550MX APU</u>                  | 1,687 | 3190 | NA     | NA        |
| <u>AMD A8-4500M APU</u>                   | 1,687 | 3194 | 35.12  | \$48.02   |
| <u>AMD Phenom II N970 Quad-Core</u>       | 1,687 | 3191 | 11.25  | \$149.99* |
| <u>Intel Core i7-2617M @ 1.50GHz</u>      | 1,687 | 3192 | NA     | NA        |
| <u>Intel Pentium G2020 @ 2.90GHz</u>      | 1,687 | 3193 | 48.21  | \$34.99   |
| <u>AMD A6-6310 APU</u>                    | 1,678 | 3195 | NA     | NA        |
| <u>Qualcomm Technologies, Inc APQ8070</u> | 1,672 | 3199 | NA     | NA        |
| <u>AMD A4-6250J</u>                       |       |      |        | NA        |



## CPU Benchmarks

| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Phenom II X920 Quad-Core</a>       | 1,669    | 3199                      | NA                              | NA             |
| <a href="#">AMD A6-5200 APU</a>                    | 1,665    | 3200                      | NA                              | NA             |
| <a href="#">Intel Core i3-4005U @ 1.70GHz</a>      | 1,663    | 3201                      | NA                              | NA             |
| <a href="#">AMD PRO A6-9500E</a>                   | 1,662    | 3202                      | 22.46                           | \$74.00*       |
| <a href="#">Intel Core i3-560 @ 3.33GHz</a>        | 1,662    | 3203                      | 27.69                           | \$60.00        |
| <a href="#">AMD A10-4655M APU</a>                  | 1,658    | 3206                      | NA                              | NA             |
| <a href="#">AMD A9-9430</a>                        | 1,658    | 3205                      | NA                              | NA             |
| <a href="#">Qualcomm MSM8996PRO-AB</a>             | 1,658    | 3204                      | NA                              | NA             |
| <a href="#">Intel Pentium G3240T @ 2.70GHz</a>     | 1,657    | 3207                      | NA                              | NA             |
| <a href="#">AMD A4-7210 APU</a>                    | 1,656    | 3209                      | NA                              | NA             |
| <a href="#">AMD Phenom 9550 Quad-Core</a>          | 1,656    | 3208                      | 71.69                           | \$23.10*       |
| <a href="#">Intel Core i3-4010U @ 1.70GHz</a>      | 1,654    | 3210                      | 13.24                           | \$124.95*      |
| <a href="#">Intel Core i3-4030Y @ 1.60GHz</a>      | 1,654    | 3211                      | NA                              | NA             |
| <a href="#">Intel Core i7-720QM @ 1.60GHz</a>      | 1,653    | 3212                      | 5.51                            | \$299.95*      |
| <a href="#">ARM Falkor V1/Kryo 8 Core 1900 MHz</a> | 1,652    | 3213                      | NA                              | NA             |
| <a href="#">AMD PRO A4-8350B</a>                   | 1,651    | 3214                      | 56.94                           | \$28.99*       |
| <a href="#">AMD Phenom X4 Quad-Core GP-9600</a>    | 1,649    | 3215                      | NA                              | NA             |
| <a href="#">MediaTek MT6765G</a>                   | 1,648    | 3216                      | NA                              | NA             |
| <a href="#">AMD A4 PRO-3340B</a>                   | 1,645    | 3217                      | NA                              | NA             |
| <a href="#">AMD PRO A6-8570E</a>                   | 1,642    | 3218                      | NA                              | NA             |
| <a href="#">AMD A8-7100 APU</a>                    | 1,638    | 3219                      | NA                              | NA             |
| <a href="#">Intel Core i3-3110M @ 2.40GHz</a>      | 1,635    | 3221                      | 23.37                           | \$69.95*       |
| <a href="#">Nvidia Tegra T210</a>                  | 1,635    | 3220                      | NA                              | NA             |
| <a href="#">AMD A6-7400K APU</a>                   | 1,631    | 3224                      | 19.13                           | \$85.23        |
| <a href="#">AMD A8-3510MX APU</a>                  | 1,631    | 3223                      | 21.15                           | \$77.11*       |
| <a href="#">Intel Celeron G1820T @ 2.40GHz</a>     | 1,631    | 3222                      | 38.84                           | \$42.00*       |
| <a href="#">AMD Athlon II X3 435</a>               | 1,630    | 3225                      | 10.19                           | \$159.95*      |
| <a href="#">AMD Embedded R-Series RX-216GD</a>     | 1,628    | 3226                      | NA                              | NA             |
| <a href="#">Intel Core M-5Y10 @ 0.80GHz</a>        | 1,628    | 3227                      | NA                              | NA             |
| <a href="#">AMD Athlon X3 445</a>                  | 1,626    | 3228                      | NA                              | NA             |
| <a href="#">MediaTek MT6762V/CB</a>                | 1,620    | 3229                      | NA                              | NA             |
| <a href="#">Intel Core i5 E 520 @ 2.40GHz</a>      | 1,619    | 3230                      | NA                              | NA             |
| <a href="#">AMD A6-6400B APU</a>                   | 1,618    | 3231                      | NA                              | NA             |
| <a href="#">Intel Pentium G</a>                    |          |                           |                                 | NA             |



## CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <u>Mediatek MT6765V/XBA</u>                      | 1,610    | 3234                      | NA                              | NA             |
| <u>Intel Core i3-550 @ 3.20GHz</u>               | 1,609    | 3236                      | 123.86                          | \$12.99*       |
| <u>Intel Pentium G3220T @ 2.60GHz</u>            | 1,609    | 3235                      | 39.97                           | \$40.27*       |
| <u>AMD A8-3530MX APU</u>                         | 1,608    | 3237                      | NA                              | NA             |
| <u>MT6755V/W</u>                                 | 1,608    | 3238                      | NA                              | NA             |
| <u>Intel Celeron 2000E @ 2.20GHz</u>             | 1,607    | 3239                      | NA                              | NA             |
| <u>MediaTek MT6797T</u>                          | 1,605    | 3240                      | NA                              | NA             |
| <u>AMD A6-8550</u>                               | 1,604    | 3241                      | NA                              | NA             |
| <u>AMD GX-416RA SOC</u>                          | 1,604    | 3242                      | NA                              | NA             |
| <u>AMD PRO A6-8500B</u>                          | 1,601    | 3243                      | NA                              | NA             |
| <u>Spreadtrum T310</u>                           | 1,601    | 3244                      | NA                              | NA             |
| <u>AMD Phenom FX-5000 Quad-Core</u>              | 1,599    | 3245                      | NA                              | NA             |
| <u>Hisilicon Kirin 935</u>                       | 1,599    | 3246                      | NA                              | NA             |
| <u>Intel Pentium G2010 @ 2.80GHz</u>             | 1,599    | 3247                      | 69.63                           | \$22.97*       |
| <u>Z3-6540M@2.1GHz</u>                           | 1,599    | 3248                      | NA                              | NA             |
| <u>AMD Phenom 9600 Quad-Core</u>                 | 1,597    | 3250                      | 39.93                           | \$39.99*       |
| <u>ZHAOXIN KaiXian KX-6640MA@2.1+GHz</u>         | 1,597    | 3249                      | NA                              | NA             |
| <u>Intel Core i5-4220Y @ 1.60GHz</u>             | 1,591    | 3251                      | NA                              | NA             |
| <u>AMD Embedded G-Series GX-420GI Radeon R7E</u> | 1,590    | 3252                      | NA                              | NA             |
| <u>AMD Phenom 9350e Quad-Core</u>                | 1,590    | 3253                      | 0.47                            | \$3,382.07*    |
| <u>Intel Core i5-3339Y @ 1.50GHz</u>             | 1,589    | 3254                      | NA                              | NA             |
| <u>Qualcomm MSM8953</u>                          | 1,589    | 3255                      | NA                              | NA             |
| <u>AMD Phenom II N950 Quad-Core</u>              | 1,587    | 3257                      | 14.10                           | \$112.60*      |
| <u>Samsung Exynos 7884</u>                       | 1,587    | 3256                      | NA                              | NA             |
| <u>AMD Phenom II N930 Quad-Core</u>              | 1,584    | 3258                      | 12.19                           | \$129.95*      |
| <u>Intel Pentium 4415Y @ 1.60GHz</u>             | 1,582    | 3259                      | 9.83                            | \$161.00*      |
| <u>Intel Pentium G2030T @ 2.60GHz</u>            | 1,581    | 3260                      | 12.12                           | \$130.50*      |
| <u>ARM phytium FT1500a 4 Core 2000 MHz</u>       | 1,579    | 3261                      | NA                              | NA             |
| <u>MediaTek MT6763V/V</u>                        | 1,578    | 3262                      | NA                              | NA             |
| <u>Intel Core i5-4210Y @ 1.50GHz</u>             | 1,577    | 3263                      | NA                              | NA             |
| <u>AMD A6-6420K APU</u>                          | 1,576    | 3266                      | 10.51                           | \$149.99*      |
| <u>AMD Athlon II X3 425</u>                      | 1,576    | 3264                      | 27.02                           | \$58.34*       |
| <u>Intel Celeron G1840T @ 2.50GHz</u>            | 1,576    | 3265                      | NA                              | NA             |
| <u>AMD Phenom I</u>                              |          |                           |                                 | \$64.45*       |



## CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">MediaTek MT6762V/WD</a>                                  | 1,573    | 3270                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc MSM8996pro</a>                | 1,573    | 3269                      | NA                              | NA             |
| <a href="#">Intel Pentium G3320TE @ 2.30GHz</a>                      | 1,570    | 3271                      | NA                              | NA             |
| <a href="#">AMD A8-5545M APU</a>                                     | 1,567    | 3272                      | NA                              | NA             |
| <a href="#">AMD Phenom X2 Dual-Core GE-5060</a>                      | 1,566    | 3273                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc APQ8094</a>                   | 1,564    | 3274                      | NA                              | NA             |
| <a href="#">ZHAOXIN KaiXian KX-6640MA@2.2+GHz</a>                    | 1,561    | 3275                      | NA                              | NA             |
| <a href="#">Intel Celeron G1620 @ 2.70GHz</a>                        | 1,560    | 3277                      | 31.84                           | \$49.00        |
| <a href="#">Intel Celeron G1830 @ 2.80GHz</a>                        | 1,560    | 3276                      | 24.00                           | \$65.00        |
| <a href="#">Intel Core i5-4200Y @ 1.40GHz</a>                        | 1,558    | 3278                      | NA                              | NA             |
| <a href="#">AMD Athlon II X3 420e</a>                                | 1,557    | 3279                      | 13.40                           | \$116.15*      |
| <a href="#">QTI SDM439</a>   | 1,556    | 3280                      | NA                              | NA             |
| <a href="#">MT6755V/C</a>  | 1,554    | 3281                      | NA                              | NA             |
| <a href="#">Intel Celeron N4020 @ 1.10GHz</a>                        | 1,553    | 3282                      | NA                              | NA             |
| <a href="#">AMD Phenom II X3 710</a>                                 | 1,551    | 3283                      | 9.18                            | \$169.00*      |
| <a href="#">AMD A6-6420B APU</a>                                     | 1,550    | 3285                      | NA                              | NA             |
| <a href="#">Intel Celeron J4005 @ 2.00GHz</a>                        | 1,550    | 3284                      | 9.19                            | \$168.75*      |
| <a href="#">AMD Phenom 9500 Quad-Core</a>                            | 1,549    | 3287                      | 51.64                           | \$29.99*       |
| <a href="#">Intel Xeon E5335 @ 2.00GHz</a>                           | 1,549    | 3286                      | 87.15                           | \$17.77*       |
| <a href="#">AMD Opteron 1352</a>                                     | 1,547    | 3290                      | 11.38                           | \$135.99*      |
| <a href="#">ARM Cortex-A73 4 Core 1900 MHz</a>                       | 1,547    | 3289                      | NA                              | NA             |
| <a href="#">ZHAOXIN KaiXian ZX-C+ C4700@2.0GHz</a>                   | 1,547    | 3288                      | NA                              | NA             |
| <a href="#">Intel Pentium G870 @ 3.10GHz</a>                         | 1,546    | 3291                      | 20.07                           | \$77.00        |
| <a href="#">MediaTek MT6762V/WR</a>                                  | 1,545    | 3292                      | NA                              | NA             |
| <a href="#">AMD A4 PRO-7350B</a>                                     | 1,544    | 3295                      | NA                              | NA             |
| <a href="#">Intel Atom x6414RE @ 1.50GHz</a>                         | 1,544    | 3294                      | 28.07                           | \$55.00*       |
| <a href="#">MT6763V/B</a>  | 1,544    | 3293                      | NA                              | NA             |
| <a href="#">Intel Celeron G1620T @ 2.40GHz</a>                       | 1,541    | 3296                      | 36.69                           | \$42.00*       |
| <a href="#">AMD Phenom II X3 B73</a>                                 | 1,538    | 3298                      | 20.50                           | \$75.00*       |
| <a href="#">AMD R-460L APU</a>                                       | 1,538    | 3297                      | NA                              | NA             |
| <a href="#">Intel Core i3-540 @ 3.07GHz</a>                          | 1,536    | 3299                      | 25.59                           | \$60.00        |
| <a href="#">Intel Celeron N4020C @ 1.10GHz</a>                       | 1,534    | 3300                      | NA                              | NA             |
| <a href="#">Rockchip RK3399 Firestorm Board edn. 6.0.0 (Android)</a> | 1,533    | 3301                      | NA                              | NA             |
| <a href="#">AMD A4-6320 /</a>  |          |                           |                                 | \$69.99*       |



## CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <u>AMD A8 PRO-7150B APU</u>                                | 1,528    | 3304                      | NA                              | NA             |
| <u>Intel Core i3-2120T @ 2.60GHz</u>                       | 1,528    | 3306                      | 30.56                           | \$50.00        |
| <u>Samsung A13 USA SINGLE REV02B board based on EXYNOS</u> | 1,528    | 3305                      | NA                              | NA             |
| <u>Intel Pentium 4405Y @ 1.50GHz</u>                       | 1,526    | 3307                      | NA                              | NA             |
| <u>Intel Core i7-640LM @ 2.13GHz</u>                       | 1,525    | 3308                      | NA                              | NA             |
| <u>Intel Xeon X5270 @ 3.50GHz</u>                          | 1,524    | 3310                      | NA                              | NA             |
| <u>Mediatek MT8768A</u>                                    | 1,524    | 3309                      | NA                              | NA             |
| <u>AMD A9-9410</u>   | 1,523    | 3311                      | NA                              | NA             |
| <u>AMD Phenom 9750B Quad-Core</u>                          | 1,520    | 3312                      | NA                              | NA             |
| <u>Intel Celeron G1610 @ 2.60GHz</u>                       | 1,519    | 3313                      | 41.07                           | \$37.00        |
| <u>Intel Xeon E5504 @ 2.00GHz</u>                          | 1,519    | 3314                      | 52.39                           | \$29.00*       |
| <u>Qualcomm Technologies, Inc SDA450</u>                   | 1,518    | 3315                      | NA                              | NA             |
| <u>AMD Athlon X3 425</u>                                   | 1,516    | 3316                      | NA                              | NA             |
| <u>Intel Core i5-4302Y @ 1.60GHz</u>                       | 1,516    | 3317                      | NA                              | NA             |
| <u>AMD E2-7110 APU</u>                                     | 1,515    | 3318                      | NA                              | NA             |
| <u>Apple A8</u>  | 1,515    | 3320                      | NA                              | NA             |
| <u>Qualcomm Technologies, Inc MSM8956</u>                  | 1,515    | 3319                      | NA                              | NA             |
| <u>Intel Core i5-4202Y @ 1.60GHz</u>                       | 1,511    | 3321                      | NA                              | NA             |
| <u>AMD A9-9425</u>   | 1,510    | 3322                      | NA                              | NA             |
| <u>AMD Opteron 2354</u>                                    | 1,509    | 3323                      | 5.29                            | \$285.19*      |
| <u>AMD Phenom II X4 900e</u>                               | 1,505    | 3325                      | NA                              | NA             |
| <u>Intel Core i5-4300Y @ 1.60GHz</u>                       | 1,505    | 3324                      | NA                              | NA             |
| <u>AMD Athlon X2 370K Dual Core</u>                        | 1,504    | 3326                      | NA                              | NA             |
| <u>AMD A6-6400K APU</u>                                    | 1,503    | 3327                      | 20.04                           | \$75.00*       |
| <u>AMD A4-6210 APU</u>                                     | 1,501    | 3329                      | NA                              | NA             |
| <u>Intel Celeron 2970M @ 2.20GHz</u>                       | 1,501    | 3330                      | NA                              | NA             |
| <u>Intel Core i3-2100T @ 2.50GHz</u>                       | 1,501    | 3328                      | 7.00                            | \$214.57*      |
| <u>Intel Core i3-530 @ 2.93GHz</u>                         | 1,499    | 3331                      | 37.47                           | \$40.00        |
| <u>AMD A9-9420</u>   | 1,498    | 3332                      | NA                              | NA             |
| <u>ZHAOXIN KaiXian ZX-D D4600@2.0GHz</u>                   | 1,492    | 3333                      | NA                              | NA             |
| <u>ARM Cortex-A76 4 Core 1500 MHz</u>                      | 1,488    | 3334                      | NA                              | NA             |
| <u>Qualcomm Technologies, Inc SDM439</u>                   | 1,479    | 3335                      | NA                              | NA             |
| <u>Intel Celeron 3555M @ 2.60GHz</u>                       | 1,478    | 3336                      | NA                              | NA             |
| <u>AMD Opteron 2</u>                                       |          |                           |                                 | NA             |



CPU Benchmarks



| CPU Name                                 | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <u>Pentium Dual-Core E6000 @ 3.46GHz</u> | 1,472    | 3339                      | NA                              | NA             |
| <u>Intel Xeon E5320 @ 1.86GHz</u>        | 1,469    | 3341                      | 37.91                           | \$38.75*       |
| <u>Intel Xeon E7320 @ 2.13GHz</u>        | 1,469    | 3340                      | NA                              | NA             |
| <u>Intel Celeron 3867U @ 1.80GHz</u>     | 1,467    | 3343                      | 13.71                           | \$107.00*      |
| <u>Intel Celeron J4025 @ 2.00GHz</u>     | 1,467    | 3342                      | NA                              | NA             |
| <u>MediaTek MT6762V/WA</u>               | 1,466    | 3344                      | NA                              | NA             |
| <u>AMD Phenom 8600B Triple-Core</u>      | 1,464    | 3345                      | 97.94                           | \$14.95*       |
| <u>Intel Core i3-4020Y @ 1.50GHz</u>     | 1,463    | 3346                      | NA                              | NA             |
| <u>AMD A6-5400B APU</u>                  | 1,459    | 3347                      | 50.43                           | \$28.94*       |
| <u>Intel Pentium G860 @ 3.00GHz</u>      | 1,459    | 3348                      | 20.84                           | \$70.00*       |
| <u>AMD A4 PRO-7300B APU</u>              | 1,458    | 3349                      | NA                              | NA             |
| <u>Rockchip RK3399 Board (Android)</u>   | 1,456    | 3350                      | NA                              | NA             |
| <u>AMD Phenom 9450e Quad-Core</u>        | 1,455    | 3351                      | 13.86                           | \$105.00*      |
| <u>Intel Pentium J3710 @ 1.60GHz</u>     | 1,455    | 3352                      | NA                              | NA             |
| <u>AMD Phenom II X3 700e</u>             | 1,451    | 3354                      | NA                              | NA             |
| <u>Intel Xeon X5272 @ 3.40GHz</u>        | 1,451    | 3353                      | 10.36                           | \$140.00*      |
| <u>Spreadtrum SC9863A</u>                | 1,450    | 3355                      | NA                              | NA             |
| <u>AMD Opteron 1354</u>                  | 1,449    | 3356                      | 6.09                            | \$238.01*      |
| <u>MediaTek MT6762V/WB</u>               | 1,449    | 3357                      | NA                              | NA             |
| <u>AMD A6-3430MX APU</u>                 | 1,448    | 3359                      | NA                              | NA             |
| <u>AMD A8-3520M APU</u>                  | 1,448    | 3360                      | 26.33                           | \$55.00*       |
| <u>Intel Core i5-2467M @ 1.60GHz</u>     | 1,448    | 3361                      | NA                              | NA             |
| <u>Intel Xeon E5240 @ 3.00GHz</u>        | 1,448    | 3358                      | 16.32                           | \$88.78*       |
| <u>AMD A6-8500P</u>                      | 1,445    | 3364                      | NA                              | NA             |
| <u>AMD Phenom 8750 Triple-Core</u>       | 1,445    | 3362                      | NA                              | NA             |
| <u>ARM Cortex-A73 6 Core 2016 MHz</u>    | 1,445    | 3363                      | NA                              | NA             |
| <u>AMD Phenom II X2 565</u>              | 1,442    | 3365                      | 8.54                            | \$168.87*      |
| <u>AMD Athlon II X3 415e</u>             | 1,441    | 3366                      | 19.21                           | \$75.00*       |
| <u>AMD Athlon X3 440</u>                 | 1,438    | 3367                      | 16.35                           | \$87.99*       |
| <u>Intel Pentium G850 @ 2.90GHz</u>      | 1,435    | 3368                      | 43.09                           | \$33.29*       |
| <u>Intel Pentium G6960 @ 2.93GHz</u>     | 1,433    | 3369                      | NA                              | NA             |
| <u>Unisoc SC9863a</u>                    | 1,433    | 3370                      | NA                              | NA             |
| <u>AMD Phenom II X2 550</u>              | 1,434    | 3374                      | 22.22                           | \$48.02*       |
| <u>Intel Pentium G</u>                   |          |                           |                                 | \$47.60*       |



## CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Celeron 5205U @ 1.90GHz</a>                      | 1,427    | 3374                      | 13.34                           | \$107.00*      |
| <a href="#">AMD A10 Micro-6700T APU</a>                            | 1,426    | 3375                      | NA                              | NA             |
| <a href="#">AMD A4-6300 APU</a>                                    | 1,426    | 3377                      | 33.93                           | \$42.02        |
| <a href="#">Qualcomm Technologies, Inc. MSM8940-PMI8940 MTP</a>    | 1,426    | 3376                      | NA                              | NA             |
| <a href="#">Intel Celeron N4000 @ 1.10GHz</a>                      | 1,425    | 3378                      | 13.32                           | \$107.00*      |
| <a href="#">Samsung M13 EUR OPEN REV02 board based on EXYNOS85</a> | 1,425    | 3379                      | NA                              | NA             |
| <a href="#">AMD Phenom II X3 740</a>                               | 1,424    | 3381                      | 16.00                           | \$88.99*       |
| <a href="#">Intel Atom C2558 @ 2.40GHz</a>                         | 1,424    | 3380                      | 10.47                           | \$136.00*      |
| <a href="#">Qualcomm MSM8996</a>                                   | 1,424    | 3382                      | NA                              | NA             |
| <a href="#">Intel Atom C2550 @ 2.40GHz</a>                         | 1,422    | 3384                      | NA                              | NA             |
| <a href="#">Intel Pentium G645 @ 2.90GHz</a>                       | 1,422    | 3383                      | 20.32                           | \$70.00        |
| <a href="#">AMD A6-3500 APU</a>                                    | 1,420    | 3385                      | 23.58                           | \$60.23        |
| <a href="#">Qualcomm Technologies, Inc MSM8996</a>                 | 1,420    | 3386                      | NA                              | NA             |
| <a href="#">Unisoc T310</a>  | 1,420    | 3387                      | NA                              | NA             |
| <a href="#">Hisilicon Kirin 930</a>                                | 1,415    | 3388                      | NA                              | NA             |
| <a href="#">AMD GX-415GA SOC</a>                                   | 1,414    | 3389                      | NA                              | NA             |
| <a href="#">AMD Phenom 9150e Quad-Core</a>                         | 1,414    | 3390                      | 5.71                            | \$247.50*      |
| <a href="#">Intel Pentium 2030M @ 2.50GHz</a>                      | 1,413    | 3391                      | 10.54                           | \$134.00*      |
| <a href="#">Intel Core i7-2610UE @ 1.50GHz</a>                     | 1,409    | 3392                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo E8290 @ 2.83GHz</a>                    | 1,408    | 3394                      | NA                              | NA             |
| <a href="#">Intel Xeon E3120 @ 3.16GHz</a>                         | 1,408    | 3393                      | NA                              | NA             |
| <a href="#">Intel Xeon E3-1220L v3 @ 1.10GHz</a>                   | 1,407    | 3395                      | NA                              | NA             |
| <a href="#">Intel Celeron 1020E @ 2.20GHz</a>                      | 1,406    | 3397                      | 31.26                           | \$44.99*       |
| <a href="#">Intel Celeron N4000C @ 1.10GHz</a>                     | 1,406    | 3399                      | NA                              | NA             |
| <a href="#">Intel Core i7-620LM @ 2.00GHz</a>                      | 1,406    | 3398                      | NA                              | NA             |
| <a href="#">MT8176</a>   | 1,406    | 3396                      | NA                              | NA             |
| <a href="#">AMD A8-3500M APU</a>                                   | 1,400    | 3400                      | 23.36                           | \$59.95*       |
| <a href="#">Intel Pentium 3825U @ 1.90GHz</a>                      | 1,399    | 3401                      | NA                              | NA             |
| <a href="#">Unisoc SC9863A1</a>                                    | 1,399    | 3402                      | NA                              | NA             |
| <a href="#">MT6750V/C</a>  | 1,396    | 3403                      | NA                              | NA             |
| <a href="#">AMD Phenom II X2 570</a>                               | 1,395    | 3404                      | NA                              | NA             |
| <a href="#">Intel Pentium N3710 @ 1.60GHz</a>                      | 1,391    | 3405                      | NA                              | NA             |
| <a href="#">MT6755V/WS</a>   | 1,388    | 3406                      | NA                              | NA             |
| <a href="#">AMD Athlon 515</a>                                     | 1,387    | 3407                      | NA                              | \$98.86*       |



## CPU Benchmarks



| CPU Name                                 | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <u>AMD Phenom II P960 Quad-Core</u>      | 1,386    | 3409                      | 35.42                           | \$39.12*       |
| <u>AMD E1-6050J APU</u>                  | 1,385    | 3410                      | NA                              | NA             |
| <u>Intel Xeon L5310 @ 1.60GHz</u>        | 1,385    | 3411                      | 12.31                           | \$112.50*      |
| <u>Intel Pentium 4410Y @ 1.50GHz</u>     | 1,384    | 3412                      | 2.20                            | \$629.95       |
| <u>Intel Pentium G6951 @ 2.80GHz</u>     | 1,383    | 3413                      | 18.68                           | \$74.00*       |
| <u>Samsung EXYNOS5430</u>                | 1,380    | 3414                      | NA                              | NA             |
| <u>Intel Pentium 2020M @ 2.40GHz</u>     | 1,379    | 3415                      | 10.29                           | \$134.00*      |
| <u>ZHAOXIN Z3-6540M@2.1+GHz</u>          | 1,378    | 3416                      | NA                              | NA             |
| <u>Intel Core2 Duo E8600 @ 3.33GHz</u>   | 1,377    | 3417                      | 18.01                           | \$76.46*       |
| <u>AMD Phenom II X2 560</u>              | 1,375    | 3418                      | 77.61                           | \$17.72*       |
| <u>MT6763V/WT</u>                        | 1,375    | 3419                      | NA                              | NA             |
| <u>AMD Phenom II X2 521</u>              | 1,374    | 3420                      | NA                              | NA             |
| <u>Intel Core i3-2370M @ 2.40GHz</u>     | 1,370    | 3421                      | 36.03                           | \$38.02        |
| <u>ARM Cortex-A73 4 Core 1844 MHz</u>    | 1,368    | 3422                      | NA                              | NA             |
| <u>Intel Celeron 4205U @ 1.80GHz</u>     | 1,367    | 3423                      | 12.77                           | \$107.00*      |
| <u>Intel Core i3-3217UE @ 1.60GHz</u>    | 1,362    | 3425                      | NA                              | NA             |
| <u>Intel Pentium G640 @ 2.80GHz</u>      | 1,362    | 3424                      | 45.40                           | \$30.00        |
| <u>Intel Core i3-4010Y @ 1.30GHz</u>     | 1,358    | 3426                      | NA                              | NA             |
| <u>AMD A4-5300 APU</u>                   | 1,357    | 3427                      | 50.36                           | \$26.95*       |
| <u>AMD PRO A6-9500B</u>                  | 1,357    | 3428                      | NA                              | NA             |
| <u>AMD Athlon II X2 280</u>              | 1,355    | 3429                      | 17.62                           | \$76.89*       |
| <u>Qualcomm</u>                          | 1,354    | 3430                      | NA                              | NA             |
| <u>Intel Core i3-2332M @ 2.20GHz</u>     | 1,353    | 3431                      | NA                              | NA             |
| <u>VIA QuadCore C4650@2.0GHz</u>         | 1,352    | 3432                      | NA                              | NA             |
| <u>Qualcomm Technologies, Inc SDM450</u> | 1,348    | 3433                      | NA                              | NA             |
| <u>AMD A4-5100 APU</u>                   | 1,346    | 3434                      | NA                              | NA             |
| <u>Intel Pentium 3560M @ 2.40GHz</u>     | 1,345    | 3435                      | 35.41                           | \$37.99*       |
| <u>Intel Xeon L3110 @ 3.00GHz</u>        | 1,338    | 3436                      | NA                              | NA             |
| <u>Intel Xeon L5240 @ 3.00GHz</u>        | 1,337    | 3437                      | 42.57                           | \$31.40*       |
| <u>Intel Pentium G630 @ 2.70GHz</u>      | 1,336    | 3438                      | 35.65                           | \$37.49        |
| <u>AMD A8-4555M APU</u>                  | 1,331    | 3440                      | NA                              | NA             |
| <u>AMD Athlon II X3 405e</u>             | 1,331    | 3439                      | 11.79                           | \$112.90*      |
| <u>AMD A6-9225</u>                       | 1,328    | 3442                      | NA                              | NA             |
| <u>Intel Pentium 3</u>                   |          |                           |                                 | \$215.92*      |



CPU Benchmarks



| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD A4-5050 APU</a>                       | 1,328    | 3444                      | NA                              | NA             |
| <a href="#">AMD A4-6300B APU</a>                      | 1,328    | 3445                      | 47.51                           | \$27.95*       |
| <a href="#">Intel Atom x7-Z8700 @ 1.60GHz</a>         | 1,328    | 3446                      | 18.03                           | \$73.63*       |
| <a href="#">AMD Athlon X2 280</a>                     | 1,327    | 3448                      | 39.63                           | \$33.49*       |
| <a href="#">Intel Celeron G1610T @ 2.30GHz</a>        | 1,327    | 3447                      | 88.59                           | \$14.98*       |
| <a href="#">Intel Core i5 750S @ 2.40GHz</a>          | 1,326    | 3449                      | 9.47                            | \$140.00*      |
| <a href="#">AMD Phenom II N870 Triple-Core</a>        | 1,324    | 3450                      | NA                              | NA             |
| <a href="#">Intel Core i5-480M @ 2.67GHz</a>          | 1,324    | 3451                      | 16.43                           | \$80.60*       |
| <a href="#">Intel Xeon @ 2.20GHz</a>                  | 1,324    | 3452                      | NA                              | NA             |
| <a href="#">MT8768WE</a>                              | 1,323    | 3453                      | NA                              | NA             |
| <a href="#">Intel Celeron 3865U @ 1.80GHz</a>         | 1,321    | 3454                      | NA                              | NA             |
| <a href="#">AMD Athlon II X3 400e</a>                 | 1,320    | 3455                      | 51.80                           | \$25.49*       |
| <a href="#">AMD Phenom II P940 Quad-Core</a>          | 1,319    | 3456                      | NA                              | NA             |
| <a href="#">AMD Opteron 2393 SE</a>                   | 1,317    | 3457                      | NA                              | NA             |
| <a href="#">Qualcomm Snapdragon 810</a>               | 1,316    | 3458                      | NA                              | NA             |
| <a href="#">ARM ARMv8 rev 1 (v8l) 4 Core 1984 MHz</a> | 1,312    | 3459                      | NA                              | NA             |
| <a href="#">ARM Cortex-A73 6 Core 1992 MHz</a>        | 1,311    | 3460                      | NA                              | NA             |
| <a href="#">AMD Athlon X2 340 Dual Core</a>           | 1,307    | 3461                      | 13.76                           | \$94.97*       |
| <a href="#">Intel Xeon E5310 @ 1.60GHz</a>            | 1,306    | 3462                      | 26.65                           | \$49.00*       |
| <a href="#">ARM Cortex-A15 4 Core 1500 MHz</a>        | 1,304    | 3463                      | NA                              | NA             |
| <a href="#">AMD A6-9230</a>                           | 1,303    | 3464                      | NA                              | NA             |
| <a href="#">AMD Athlon II X2 270</a>                  | 1,301    | 3465                      | 34.19                           | \$38.04        |
| <a href="#">Intel Core i5-460M @ 2.53GHz</a>          | 1,299    | 3466                      | 10.00                           | \$129.95*      |
| <a href="#">AMD Phenom II N850 Triple-Core</a>        | 1,298    | 3467                      | 51.92                           | \$25.00*       |
| <a href="#">AMD A4-5000 APU</a>                       | 1,297    | 3469                      | NA                              | NA             |
| <a href="#">AMD Phenom X4 Quad-Core GP-9500</a>       | 1,297    | 3468                      | NA                              | NA             |
| <a href="#">AMD Phenom II X2 555</a>                  | 1,296    | 3470                      | 99.47                           | \$13.03*       |
| <a href="#">AMD Athlon X2 450</a>                     | 1,295    | 3472                      | NA                              | NA             |
| <a href="#">ARM Cortex-A72 4 Core 2400 MHz</a>        | 1,295    | 3471                      | NA                              | NA             |
| <a href="#">AMD A6-3420M APU</a>                      | 1,294    | 3474                      | NA                              | NA             |
| <a href="#">Intel Core i3-3227U @ 1.90GHz</a>         | 1,294    | 3473                      | NA                              | NA             |
| <a href="#">Intel Xeon X3210 @ 2.13GHz</a>            | 1,293    | 3475                      | 6.96                            | \$185.71*      |
| <a href="#">MT6795</a>                                | 1,292    | 3476                      | NA                              | NA             |
| <a href="#">Intel Atom x7-Z</a>                       |          |                           |                                 | NA             |



## CPU Benchmarks

| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <u>AMD Phenom 8850B Triple-Core</u>                    | 1,281    | 3479                      | NA                              | NA             |
| <u>AMD A6-9220</u>                                     | 1,280    | 3480                      | NA                              | NA             |
| <u>AMD Phenom 9100e Quad-Core</u>                      | 1,279    | 3482                      | 36.58                           | \$34.95*       |
| <u>Unisoc UIS8581E</u>                                 | 1,279    | 3481                      | NA                              | NA             |
| <u>AMD Sempron 240</u>                                 | 1,278    | 3485                      | 35.39                           | \$36.10*       |
| <u>Intel Core i3-4012Y @ 1.50GHz</u>                   | 1,278    | 3483                      | NA                              | NA             |
| <u>MT6755</u>  | 1,278    | 3484                      | NA                              | NA             |
| <u>Intel Celeron 1020M @ 2.10GHz</u>                   | 1,275    | 3486                      | NA                              | NA             |
| <u>Intel Core i3-2348M @ 2.30GHz</u>                   | 1,274    | 3487                      | NA                              | NA             |
| <u>AMD A6-5400K APU</u>                                | 1,273    | 3488                      | 24.47                           | \$52.02*       |
| <u>Intel Core2 Duo E8500 @ 3.16GHz</u>                 | 1,272    | 3490                      | 64.45                           | \$19.74        |
| <u>MediaTek MT6762V/CA</u>                             | 1,272    | 3489                      | NA                              | NA             |
| <u>AMD Embedded G-Series GX-224IJ Radeon R4E</u>       | 1,271    | 3491                      | NA                              | NA             |
| <u>MT6750V/DN</u>                                      | 1,271    | 3492                      | NA                              | NA             |
| <u>AMD Athlon II X2 B28</u>                            | 1,269    | 3493                      | 32.53                           | \$39.02        |
| <u>Samsung M13 SWA INS 00 board based on EXYNOS850</u> | 1,269    | 3494                      | NA                              | NA             |
| <u>AMD A4-4020 APU</u>                                 | 1,268    | 3495                      | 12.04                           | \$105.37*      |
| <u>AMD Athlon II X2 265</u>                            | 1,267    | 3496                      | 12.67                           | \$99.95        |
| <u>Intel Celeron J3160 @ 1.60GHz</u>                   | 1,266    | 3498                      | NA                              | NA             |
| <u>XTRONS IX</u>                                       | 1,266    | 3497                      | NA                              | NA             |
| <u>AMD Phenom II X2 511</u>                            | 1,265    | 3499                      | NA                              | NA             |
| <u>AMD A6-3410MX APU</u>                               | 1,263    | 3500                      | 316.44                          | \$3.99*        |
| <u>AMD Phenom II X620 Dual-Core</u>                    | 1,262    | 3501                      | NA                              | NA             |
| <u>AMD Phenom II X2 B57</u>                            | 1,260    | 3503                      | NA                              | NA             |
| <u>Intel Core i3-330E @ 2.13GHz</u>                    | 1,260    | 3502                      | NA                              | NA             |
| <u>Intel Celeron G550 @ 2.60GHz</u>                    | 1,259    | 3504                      | 25.70                           | \$49.00        |
| <u>Intel Core i3-390M @ 2.67GHz</u>                    | 1,259    | 3505                      | 32.32                           | \$38.95*       |
| <u>AMD Phenom 8450e Triple-Core</u>                    | 1,257    | 3506                      | NA                              | NA             |
| <u>Qualcomm MSM8992</u>                                | 1,255    | 3507                      | NA                              | NA             |
| <u>ARM Cortex-A72 4 Core 2394 MHz</u>                  | 1,254    | 3508                      | NA                              | NA             |
| <u>Intel Core i3-2350M @ 2.30GHz</u>                   | 1,253    | 3511                      | 33.81                           | \$37.05        |
| <u>Intel Pentium G840 @ 2.80GHz</u>                    | 1,253    | 3509                      | 21.74                           | \$57.64*       |
| <u>Intel Pentium N3700 @ 1.60GHz</u>                   | 1,252    | 3510                      | 2.32                            | \$444.78*      |
| <u>Intel Celeron 37</u>                                |          |                           |                                 | NA             |



## CPU Benchmarks

| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Pentium A1020 @ 2.41GHz</a>                      | 1,249    | 3514                      | NA                              | NA             |
| <a href="#">Intel Pentium J2900 @ 2.41GHz</a>                      | 1,249    | 3515                      | NA                              | NA             |
| <a href="#">Rockchip RK</a>  | 1,246    | 3516                      | NA                              | NA             |
| <a href="#">AMD A4-5300B APU</a>                                   | 1,243    | 3517                      | 47.89                           | \$25.95*       |
| <a href="#">ARM Cortex-A73 6 Core 1896 MHz</a>                     | 1,242    | 3518                      | NA                              | NA             |
| <a href="#">Intel Xeon E3110 @ 3.00GHz</a>                         | 1,242    | 3519                      | 6.21                            | \$199.95*      |
| <a href="#">BCM2835</a>  | 1,239    | 3520                      | NA                              | NA             |
| <a href="#">Intel Core i5-450M @ 2.40GHz</a>                       | 1,238    | 3522                      | 38.74                           | \$31.95*       |
| <a href="#">Intel Pentium G6950 @ 2.80GHz</a>                      | 1,238    | 3521                      | 33.02                           | \$37.50        |
| <a href="#">Intel Xeon X5260 @ 3.33GHz</a>                         | 1,238    | 3523                      | 95.20                           | \$13.00*       |
| <a href="#">Intel Core i3-2328M @ 2.20GHz</a>                      | 1,237    | 3524                      | 8.24                            | \$150.11*      |
| <a href="#">Intel Atom x5-Z8500 @ 1.44GHz</a>                      | 1,236    | 3525                      | 19.75                           | \$62.57*       |
| <a href="#">Intel Celeron 2950M @ 2.00GHz</a>                      | 1,234    | 3526                      | NA                              | NA             |
| <a href="#">AMD A6-5350M APU</a>                                   | 1,232    | 3527                      | 37.18                           | \$33.12*       |
| <a href="#">MediaTek MT6762G</a>                                   | 1,231    | 3528                      | NA                              | NA             |
| <a href="#">AMD A6-9210</a>  | 1,230    | 3530                      | NA                              | NA             |
| <a href="#">Intel Core i3-2330M @ 2.20GHz</a>                      | 1,230    | 3529                      | 30.80                           | \$39.95        |
| <a href="#">Samsung A13 EUR OPEN REV02B board based on EXYNOS8</a> | 1,230    | 3531                      | NA                              | NA             |
| <a href="#">ARM Cortex-A57 4 Core 2014 MHz</a>                     | 1,229    | 3533                      | NA                              | NA             |
| <a href="#">MT6755M</a>  | 1,229    | 3532                      | NA                              | NA             |
| <a href="#">AMD Phenom X4 Quad-Core GP-9530</a>                    | 1,228    | 3534                      | NA                              | NA             |
| <a href="#">Intel Pentium G645T @ 2.50GHz</a>                      | 1,228    | 3535                      | 5.48                            | \$223.84*      |
| <a href="#">Intel Core i3-3217U @ 1.80GHz</a>                      | 1,226    | 3536                      | 6.16                            | \$199.00*      |
| <a href="#">Nvidia Tegra T132</a>                                  | 1,224    | 3537                      | NA                              | NA             |
| <a href="#">Intel Core i5-2537M @ 1.40GHz</a>                      | 1,223    | 3538                      | NA                              | NA             |
| <a href="#">AMD Phenom II N830 Triple-Core</a>                     | 1,222    | 3541                      | NA                              | NA             |
| <a href="#">AMD Phenom II X2 545</a>                               | 1,222    | 3542                      | 27.78                           | \$43.98*       |
| <a href="#">AMD Phenom II X3 705e</a>                              | 1,222    | 3539                      | 8.02                            | \$152.34*      |
| <a href="#">Intel Core i3-2310M @ 2.10GHz</a>                      | 1,222    | 3540                      | 30.59                           | \$39.95        |
| <a href="#">Intel Celeron 3855U @ 1.60GHz</a>                      | 1,219    | 3544                      | 13.66                           | \$89.28*       |
| <a href="#">MT6755V/BM</a>   | 1,219    | 3543                      | NA                              | NA             |
| <a href="#">AMD A4-9120</a>  | 1,218    | 3547                      | NA                              | NA             |
| <a href="#">AMD Phenom 8850 Triple-Core</a>                        | 1,218    | 3545                      | 24.44                           | \$19.00*       |
| <a href="#">AMD PRO A6-7</a>                                       |          |                           |                                 | NA             |



## CPU Benchmarks

| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core2 Duo T9800 @ 2.93GHz</a> | 1,216    | 3548                      | 2.87                            | \$423.89*      |
| <a href="#">AMD R-272F APU</a>                  | 1,215    | 3550                      | NA                              | NA             |
| <a href="#">Mediatek MT8365</a>                 | 1,214    | 3551                      | NA                              | NA             |
| <a href="#">Intel Pentium G620 @ 2.60GHz</a>    | 1,212    | 3552                      | 100.98                          | \$12.00*       |
| <a href="#">AMD A4-9125</a>                     | 1,210    | 3554                      | NA                              | NA             |
| <a href="#">AMD Phenom 8600 Triple-Core</a>     | 1,210    | 3553                      | 22.84                           | \$52.99*       |
| <a href="#">Intel Pentium A1018 @ 2.10GHz</a>   | 1,210    | 3555                      | NA                              | NA             |
| <a href="#">AMD Athlon II X2 B26</a>            | 1,206    | 3556                      | 48.35                           | \$24.95        |
| <a href="#">Intel Core2 Duo E8400 @ 3.00GHz</a> | 1,205    | 3557                      | 15.65                           | \$76.99*       |
| <a href="#">Intel Core i3-380M @ 2.53GHz</a>    | 1,202    | 3559                      | 24.06                           | \$49.95*       |
| <a href="#">Intel Core i5-430M @ 2.27GHz</a>    | 1,202    | 3558                      | 9.25                            | \$129.95*      |
| <a href="#">Intel Pentium N3540 @ 2.16GHz</a>   | 1,200    | 3560                      | 4.78                            | \$250.87*      |
| <a href="#">MT8175B</a>                         | 1,199    | 3561                      | NA                              | NA             |
| <a href="#">AMD Opteron 2222</a>                | 1,198    | 3562                      | 63.08                           | \$19.00*       |
| <a href="#">Intel Celeron J3355 @ 2.00GHz</a>   | 1,197    | 3563                      | NA                              | NA             |
| <a href="#">ROC-RK3568-PC HDMI (Android)</a>    | 1,197    | 3564                      | NA                              | NA             |
| <a href="#">Intel Core i7-680UM @ 1.47GHz</a>   | 1,196    | 3565                      | NA                              | NA             |
| <a href="#">Intel Celeron 3965Y @ 1.50GHz</a>   | 1,194    | 3566                      | 11.16                           | \$107.00*      |
| <a href="#">Intel Celeron N3150 @ 1.60GHz</a>   | 1,192    | 3567                      | NA                              | NA             |
| <a href="#">AMD A6-3400M APU</a>                | 1,191    | 3568                      | 48.69                           | \$24.45*       |
| <a href="#">Intel Pentium N3530 @ 2.16GHz</a>   | 1,189    | 3569                      | NA                              | NA             |
| <a href="#">AMD Phenom 8750B Triple-Core</a>    | 1,188    | 3571                      | NA                              | NA             |
| <a href="#">Intel Atom Z3795 @ 1.60GHz</a>      | 1,188    | 3570                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo T9900 @ 3.06GHz</a> | 1,187    | 3572                      | 2.98                            | \$398.95*      |
| <a href="#">MediaTek MT6750T</a>                | 1,187    | 3573                      | NA                              | NA             |
| <a href="#">ARM Cortex-A73 4 Core 2100 MHz</a>  | 1,185    | 3574                      | NA                              | NA             |
| <a href="#">AMD Phenom II X2 B55</a>            | 1,183    | 3575                      | 31.11                           | \$38.04        |
| <a href="#">ARM Cortex-A72 6 Core 1512 MHz</a>  | 1,183    | 3577                      | NA                              | NA             |
| <a href="#">Intel Core i7-640UM @ 1.20GHz</a>   | 1,183    | 3576                      | NA                              | NA             |
| <a href="#">Intel Celeron 3755U @ 1.70GHz</a>   | 1,182    | 3579                      | NA                              | NA             |
| <a href="#">Intel Celeron N3160 @ 1.60GHz</a>   | 1,182    | 3580                      | 3.39                            | \$349.00*      |
| <a href="#">Intel Pentium E6700 @ 3.20GHz</a>   | 1,182    | 3578                      | 84.51                           | \$13.99        |
| <a href="#">Intel Celeron G540 @ 2.50GHz</a>    | 1,181    | 3581                      | 107.05                          | \$11.03*       |
| <a href="#">Intel Pentium 3i</a>                |          |                           |                                 | NA             |



CPU Benchmarks



| CPU Name                                   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <u>AMD Athlon II X2 260</u>                | 1,178    | 3585                      | 94.30                           | \$12.49*       |
| <u>Samsung EXYNOS5433</u>                  | 1,178    | 3584                      | NA                              | NA             |
| <u>Intel Pentium E6800 @ 3.33GHz</u>       | 1,177    | 3586                      | 47.16                           | \$24.95*       |
| <u>AMD Athlon II X2 255</u>                | 1,175    | 3587                      | 93.62                           | \$12.55*       |
| <u>Intel Pentium E6500 @ 2.93GHz</u>       | 1,172    | 3588                      | 17.25                           | \$67.95        |
| <u>AMD Athlon II X2 245e</u>               | 1,171    | 3589                      | 58.66                           | \$19.97*       |
| <u>Intel Core2 Extreme X9100 @ 3.06GHz</u> | 1,171    | 3591                      | 1.38                            | \$851.00*      |
| <u>Mediatek MT8766B</u>                    | 1,171    | 3590                      | NA                              | NA             |
| <u>ARM Cortex-A57 4 Core 1734 MHz</u>      | 1,170    | 3592                      | NA                              | NA             |
| <u>ARM Cortex-A57 4 Core 2091 MHz</u>      | 1,170    | 3593                      | NA                              | NA             |
| <u>Intel Pentium E5800 @ 3.20GHz</u>       | 1,168    | 3594                      | 20.13                           | \$58.00        |
| <u>AMD Phenom II X2 550</u>                | 1,167    | 3595                      | 28.22                           | \$41.35*       |
| <u>Mediatek MT6761</u>                     | 1,166    | 3596                      | NA                              | NA             |
| <u>AMD A6-5357M APU</u>                    | 1,165    | 3597                      | NA                              | NA             |
| <u>AMD Phenom II X640 Dual-Core</u>        | 1,165    | 3598                      | NA                              | NA             |
| <u>AMD Phenom 8400 Triple-Core</u>         | 1,164    | 3599                      | NA                              | NA             |
| <u>Intel Xeon W3505 @ 2.53GHz</u>          | 1,161    | 3600                      | 78.13                           | \$14.86*       |
| <u>MT6757WH</u>                            | 1,161    | 3601                      | NA                              | NA             |
| <u>AMD Athlon II X2 250</u>                | 1,160    | 3602                      | 33.19                           | \$34.95        |
| <u>ARM Cortex-A15 8 Core 1400 MHz</u>      | 1,160    | 3604                      | NA                              | NA             |
| <u>Rockchip RK3566 HD15 Board</u>          | 1,160    | 3603                      | NA                              | NA             |
| <u>MTK6757</u>                             | 1,158    | 3605                      | NA                              | NA             |
| <u>Intel Atom x5-Z8550 @ 1.44GHz</u>       | 1,156    | 3606                      | NA                              | NA             |
| <u>AMD Athlon II X2 250e</u>               | 1,155    | 3608                      | 15.05                           | \$76.73*       |
| <u>AMD QC-4000</u>                         | 1,155    | 3607                      | NA                              | NA             |
| <u>Intel Core i3-370M @ 2.40GHz</u>        | 1,154    | 3609                      | 46.25                           | \$24.95        |
| <u>MediaTek MT6750V/WT</u>                 | 1,153    | 3610                      | NA                              | NA             |
| <u>AMD A8-7050</u>                         | 1,152    | 3613                      | NA                              | NA             |
| <u>AMD E2-3800 APU</u>                     | 1,152    | 3611                      | NA                              | NA             |
| <u>Intel Celeron J1900 @ 1.99GHz</u>       | 1,152    | 3612                      | NA                              | NA             |
| <u>Intel Core2 Duo E7600 @ 3.06GHz</u>     | 1,151    | 3614                      | 9.59                            | \$119.95*      |
| <u>AMD Sempron 3850 APU</u>                | 1,150    | 3615                      | 24.16                           | \$47.57*       |
| <u>Intel Core2 Duo E6700 @ 3.06GHz</u>     | 1,149    | 3616                      | NA                              | NA             |
| <u>MediaTek MT6750</u>                     | 1,148    | 3617                      | NA                              | NA             |



## CPU Benchmarks

| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Pentium N3520 @ 2.16GHz</a>         | 1,146    | 3619                      | NA                              | NA             |
| <a href="#">AMD A4-4000 APU</a>                       | 1,145    | 3620                      | 57.40                           | \$19.95*       |
| <a href="#">AMD Phenom 8850 Triple-Core</a>           | 1,142    | 3621                      | NA                              | NA             |
| <a href="#">ARM Cortex-A15 4 Core 1400 MHz</a>        | 1,141    | 3622                      | NA                              | NA             |
| <a href="#">Intel Pentium G640T @ 2.40GHz</a>         | 1,139    | 3623                      | 13.72                           | \$83.02        |
| <a href="#">Intel Core2 Extreme X7800 @ 2.60GHz</a>   | 1,138    | 3624                      | NA                              | NA             |
| <a href="#">AMD Phenom II X2 B53</a>                  | 1,137    | 3625                      | NA                              | NA             |
| <a href="#">Intel Celeron G540T @ 2.10GHz</a>         | 1,137    | 3626                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo E7500 @ 2.93GHz</a>       | 1,136    | 3627                      | 11.41                           | \$99.63*       |
| <a href="#">Intel Core2 Duo E6850 @ 3.00GHz</a>       | 1,130    | 3628                      | 22.08                           | \$51.20*       |
| <a href="#">AMD E2-6110 APU</a>                       | 1,128    | 3630                      | NA                              | NA             |
| <a href="#">Intel Core i3-2312M @ 2.10GHz</a>         | 1,128    | 3629                      | NA                              | NA             |
| <a href="#">AMD PRO A6-8530B</a>                      | 1,127    | 3632                      | NA                              | NA             |
| <a href="#">UGOOS UT8 Board</a>                       | 1,127    | 3631                      | NA                              | NA             |
| <a href="#">mocha</a>                                 | 1,125    | 3633                      | NA                              | NA             |
| <a href="#">Intel Celeron G530 @ 2.40GHz</a>          | 1,123    | 3635                      | 56.16                           | \$19.99        |
| <a href="#">Qualcomm Technologies, Inc SCUBAPIIOT</a> | 1,123    | 3634                      | NA                              | NA             |
| <a href="#">AMD A6-5345M APU</a>                      | 1,122    | 3637                      | NA                              | NA             |
| <a href="#">MT8768WD</a>                              | 1,122    | 3636                      | NA                              | NA             |
| <a href="#">Intel Pentium E6600 @ 3.06GHz</a>         | 1,121    | 3638                      | 22.41                           | \$50.00        |
| <a href="#">AMD Athlon II X2 B24</a>                  | 1,120    | 3639                      | 46.46                           | \$24.10        |
| <a href="#">Intel Core2 Duo E8200 @ 2.66GHz</a>       | 1,119    | 3640                      | 14.72                           | \$75.99*       |
| <a href="#">AMD PRO A4-4350B</a>                      | 1,118    | 3642                      | NA                              | NA             |
| <a href="#">Intel Xeon L5320 @ 1.86GHz</a>            | 1,118    | 3643                      | 15.97                           | \$69.99*       |
| <a href="#">Intel Xeon W3503 @ 2.40GHz</a>            | 1,118    | 3641                      | 111.93                          | \$9.99*        |
| <a href="#">AMD A6-9200</a>                           | 1,116    | 3644                      | NA                              | NA             |
| <a href="#">AMD Phenom 8250 Triple-Core</a>           | 1,114    | 3645                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo E8135 @ 2.66GHz</a>       | 1,112    | 3646                      | NA                              | NA             |
| <a href="#">AMD Athlon II X2 245</a>                  | 1,110    | 3647                      | 27.85                           | \$39.88*       |
| <a href="#">Intel Atom x6214RE @ 1.40GHz</a>          | 1,109    | 3648                      | 23.59                           | \$47.00*       |
| <a href="#">AMD A9-9420e</a>                          | 1,107    | 3649                      | NA                              | NA             |
| <a href="#">AMD Opteron 2220</a>                      | 1,106    | 3651                      | 0.85                            | \$1,297.83*    |
| <a href="#">Intel Celeron N3050 @ 1.66GHz</a>         | 1,100    | 3650                      | NA                              | NA             |
| <a href="#">Intel Celeron N3055</a>                   | 1,100    | 3650                      | NA                              | \$275.49*      |



## CPU Benchmarks



| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Athlon II X2 210e</a>                       | 1,105    | 3654                      | 38.79                           | \$28.49*       |
| <a href="#">Intel Core2 Duo E8435 @ 3.06GHz</a>             | 1,104    | 3656                      | 18.41                           | \$59.99*       |
| <a href="#">Intel Core2 Extreme X7900 @ 2.80GHz</a>         | 1,104    | 3655                      | 6.91                            | \$159.95*      |
| <a href="#">Intel Core2 Extreme X9000 @ 2.80GHz</a>         | 1,099    | 3658                      | 2.68                            | \$409.95*      |
| <a href="#">Qualcomm Technologies, Inc MSM8937</a>          | 1,099    | 3657                      | NA                              | NA             |
| <a href="#">Intel Xeon 3075 @ 2.66GHz</a>                   | 1,096    | 3659                      | 3.13                            | \$349.95*      |
| <a href="#">AMD GX-412HC</a>                                | 1,095    | 3661                      | NA                              | NA             |
| <a href="#">Intel Core2 Extreme X6800 @ 2.93GHz</a>         | 1,095    | 3660                      | 4.15                            | \$263.64*      |
| <a href="#">AMD E2-9010</a>                                 | 1,093    | 3662                      | NA                              | NA             |
| <a href="#">Intel Celeron 2002E @ 1.50GHz</a>               | 1,091    | 3663                      | 12.68                           | \$86.00*       |
| <a href="#">Intel Core i7-620UM @ 1.07GHz</a>               | 1,091    | 3664                      | NA                              | NA             |
| <a href="#">Intel Pentium G630T @ 2.30GHz</a>               | 1,090    | 3666                      | 12.97                           | \$84.07*       |
| <a href="#">MT6755V/WM</a>                                  | 1,090    | 3665                      | NA                              | NA             |
| <a href="#">AMD Opteron 1222</a>                            | 1,089    | 3667                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo P9600 @ 2.66GHz</a>             | 1,088    | 3669                      | NA                              | NA             |
| <a href="#">Intel Pentium B970 @ 2.30GHz</a>                | 1,088    | 3670                      | 21.33                           | \$50.99*       |
| <a href="#">Qualcomm MSM 8939 HUAWEI KIW-L21</a>            | 1,088    | 3668                      | NA                              | NA             |
| <a href="#">AMD A4-3400 APU</a>                             | 1,086    | 3672                      | 13.58                           | \$79.95        |
| <a href="#">Intel Celeron G1101 @ 2.27GHz</a>               | 1,086    | 3673                      | 54.92                           | \$19.77*       |
| <a href="#">Intel Core i3-350M @ 2.27GHz</a>                | 1,086    | 3671                      | 37.46                           | \$29.00        |
| <a href="#">Intel Pentium B980 @ 2.40GHz</a>                | 1,085    | 3675                      | 30.30                           | \$35.81*       |
| <a href="#">Qualcomm MSM 8939 HUAWEI TEXAS-A1</a>           | 1,085    | 3674                      | NA                              | NA             |
| <a href="#">AMD Phenom 8250e Triple-Core</a>                | 1,084    | 3677                      | 23.08                           | \$46.99*       |
| <a href="#">Intel Pentium E5700 @ 3.00GHz</a>               | 1,084    | 3676                      | 72.35                           | \$14.99        |
| <a href="#">Rockchip RK3568 EVB1 DDR4 V10 Board</a>         | 1,084    | 3678                      | NA                              | NA             |
| <a href="#">AMD Phenom II N660 Dual-Core</a>                | 1,083    | 3679                      | 12.17                           | \$89.00*       |
| <a href="#">Intel Celeron 3215U @ 1.70GHz</a>               | 1,083    | 3680                      | NA                              | NA             |
| <a href="#">AMD A4 Micro-6400T APU</a>                      | 1,082    | 3681                      | NA                              | NA             |
| <a href="#">MT8732T</a>                                     | 1,081    | 3682                      | NA                              | NA             |
| <a href="#">AMD Athlon II X2 235e</a>                       | 1,079    | 3684                      | 11.07                           | \$97.50*       |
| <a href="#">AMD Phenom II P840 Triple-Core</a>              | 1,079    | 3686                      | NA                              | NA             |
| <a href="#">AMD Phenom X3 8550</a>                          | 1,079    | 3685                      | 38.51                           | \$28.02*       |
| <a href="#">Rockchip RK3568 BOX DEMO V1.0 ANDROID Board</a> | 1,079    | 3683                      | NA                              | NA             |
| <a href="#">Grandstream G</a>                               |          |                           |                                 | NA             |



# CPU Benchmarks

| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <u>Intel Celeron G550T @ 2.20GHz</u>             | 1,074    | 3689                      | NA                              | NA             |
| <u>Intel Core2 Duo T9600 @ 2.80GHz</u>           | 1,074    | 3691                      | 19.54                           | \$54.95*       |
| <u>MT8768WB</u>                                  | 1,074    | 3690                      | NA                              | NA             |
| <u>AMD A6-1450 APU</u>                           | 1,072    | 3692                      | NA                              | NA             |
| <u>DO-Regular</u>                                | 1,070    | 3693                      | NA                              | NA             |
| <u>Intel Celeron 1000M @ 1.80GHz</u>             | 1,070    | 3694                      | NA                              | NA             |
| <u>Intel Xeon 3085 @ 3.00GHz</u>                 | 1,070    | 3696                      | NA                              | NA             |
| <u>MT6755BM</u>                                  | 1,070    | 3695                      | NA                              | NA             |
| <u>Mediatek MT6761V/CAB</u>                      | 1,069    | 3697                      | NA                              | NA             |
| <u>AMD Phenom II P820 Triple-Core</u>            | 1,068    | 3698                      | NA                              | NA             |
| <u>ARM Cortex-A72 6 Core 1416 MHz</u>            | 1,065    | 3699                      | NA                              | NA             |
| <u>Qualcomm MSM 8939 HUAWEI KIW-L24</u>          | 1,065    | 3700                      | NA                              | NA             |
| <u>AMD Embedded G-Series GX-215JJ Radeon R2E</u> | 1,064    | 3701                      | NA                              | NA             |
| <u>Intel Pentium 2127U @ 1.90GHz</u>             | 1,064    | 3702                      | 7.94                            | \$134.00*      |
| <u>AMD Phenom X4 Quad-Core GS-6560</u>           | 1,063    | 3703                      | NA                              | NA             |
| <u>Snapdragon 435</u>                            | 1,062    | 3704                      | NA                              | NA             |
| <u>AMD Athlon 7850 Dual-Core</u>                 | 1,058    | 3706                      | 15.32                           | \$69.09        |
| <u>Intel Pentium 3556U @ 1.70GHz</u>             | 1,058    | 3705                      | NA                              | NA             |
| <u>Intel Core2 Duo E8335 @ 2.66GHz</u>           | 1,057    | 3708                      | NA                              | NA             |
| <u>Rockchip RK3562</u>                           | 1,057    | 3707                      | NA                              | NA             |
| <u>Intel Celeron 2980U @ 1.60GHz</u>             | 1,056    | 3711                      | NA                              | NA             |
| <u>Intel Celeron G530T @ 2.00GHz</u>             | 1,056    | 3710                      | 62.15                           | \$16.99*       |
| <u>MT6592T</u>                                   | 1,056    | 3709                      | NA                              | NA             |
| <u>AMD A4-3420 APU</u>                           | 1,054    | 3712                      | 7.75                            | \$136.00*      |
| <u>AMD A6-9220C</u>                              | 1,053    | 3715                      | NA                              | NA             |
| <u>AMD Athlon II X2 B22</u>                      | 1,053    | 3714                      | 40.57                           | \$25.95*       |
| <u>Hisilicon Kirin 925</u>                       | 1,053    | 3713                      | NA                              | NA             |
| <u>Intel Atom E3845 @ 1.91GHz</u>                | 1,052    | 3716                      | NA                              | NA             |
| <u>MT8168B</u>                                   | 1,050    | 3717                      | NA                              | NA             |
| <u>MediaTek MT6750</u>                           | 1,047    | 3718                      | NA                              | NA             |
| <u>Intel Core2 Duo T9500 @ 2.60GHz</u>           | 1,046    | 3719                      | 9.68                            | \$108.02*      |
| <u>AMD GX-222GC SOC</u>                          | 1,044    | 3720                      | NA                              | NA             |
| <u>Intel Celeron N2940 @ 1.60GHz</u>             | 1,042    | 3721                      | NA                              | NA             |
| <u>Qualcomm MSI</u>                              |          |                           |                                 | NA             |



CPU Benchmarks

| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core2 Duo P9600 @ 2.53GHz</a>           | 1,040    | 3724                      | 46.23                           | \$22.50*       |
| <a href="#">AMD Athlon II X2 240</a>                      | 1,039    | 3727                      | 41.63                           | \$24.95        |
| <a href="#">JLQ JR510</a>                                 | 1,039    | 3726                      | NA                              | NA             |
| <a href="#">MT8783</a>                                    | 1,039    | 3725                      | NA                              | NA             |
| <a href="#">Intel Pentium E5500 @ 2.80GHz</a>             | 1,037    | 3728                      | 64.86                           | \$15.99*       |
| <a href="#">AMD Opteron 1220</a>                          | 1,036    | 3731                      | NA                              | NA             |
| <a href="#">AMD Opteron 2218</a>                          | 1,036    | 3729                      | 2.28                            | \$455.00       |
| <a href="#">Intel Pentium 3558U @ 1.70GHz</a>             | 1,036    | 3730                      | NA                              | NA             |
| <a href="#">AMD Turion II Ultra Dual-Core Mobile M640</a> | 1,034    | 3732                      | NA                              | NA             |
| <a href="#">Intel Pentium E6300 @ 2.80GHz</a>             | 1,032    | 3733                      | 22.45                           | \$45.99*       |
| <a href="#">Samsung Exynos 7870</a>                       | 1,030    | 3734                      | NA                              | NA             |
| <a href="#">MediaTek MT8168</a>                           | 1,029    | 3735                      | NA                              | NA             |
| <a href="#">Intel Atom C3338 @ 1.50GHz</a>                | 1,028    | 3736                      | NA                              | NA             |
| <a href="#">Intel Celeron U1900 @ 1.99GHz</a>             | 1,028    | 3737                      | NA                              | NA             |
| <a href="#">Intel Celeron 2981U @ 1.60GHz</a>             | 1,027    | 3739                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo E7400 @ 2.80GHz</a>           | 1,027    | 3740                      | 20.96                           | \$48.99*       |
| <a href="#">tn8</a>                                       | 1,027    | 3738                      | NA                              | NA             |
| <a href="#">Intel Xeon 3070 @ 2.66GHz</a>                 | 1,025    | 3741                      | 35.78                           | \$28.65*       |
| <a href="#">Intel Core i3-330M @ 2.13GHz</a>              | 1,023    | 3742                      | 6.82                            | \$149.95*      |
| <a href="#">ARM Cortex-A57 8 Core 1500 MHz</a>            | 1,022    | 3744                      | NA                              | NA             |
| <a href="#">MT6762V/CR</a>                                | 1,022    | 3743                      | NA                              | NA             |
| <a href="#">Intel Pentium 2117U @ 1.80GHz</a>             | 1,021    | 3745                      | 7.62                            | \$134.00*      |
| <a href="#">Intel Celeron G1820TE @ 2.20GHz</a>           | 1,020    | 3746                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo E8235 @ 2.80GHz</a>           | 1,020    | 3747                      | NA                              | NA             |
| <a href="#">nxp IMX8MP</a>                                | 1,020    | 3748                      | NA                              | NA             |
| <a href="#">Intel Celeron N2930 @ 1.83GHz</a>             | 1,018    | 3749                      | NA                              | NA             |
| <a href="#">Intel Pentium J2850 @ 2.41GHz</a>             | 1,016    | 3750                      | NA                              | NA             |
| <a href="#">AMD Athlon X2 240e</a>                        | 1,015    | 3752                      | NA                              | NA             |
| <a href="#">Intel Core i5-560UM @ 1.33GHz</a>             | 1,015    | 3753                      | NA                              | NA             |
| <a href="#">MediaTek MT6753</a>                           | 1,015    | 3751                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc SDM429</a>         | 1,014    | 3754                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo E6750 @ 2.66GHz</a>           | 1,013    | 3755                      | 98.39                           | \$10.30*       |
| <a href="#">AMD Turion II Ultra Dual-Core Mobile M600</a> | 1,011    | 3756                      | NA                              | NA             |
| <a href="#">AMD A6-4400M</a>                              |          |                           |                                 | \$24.95        |



## CPU Benchmarks



| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Phenom X2 Dual-Core GE-7060</a>             | 1,010    | 3759                      | NA                              | NA             |
| <a href="#">Rockchip RK3566 RK817 TABLET LP4X Board</a>     | 1,010    | 3758                      | NA                              | NA             |
| <a href="#">AMD A6 PRO-7050B APU</a>                        | 1,009    | 3762                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo T9400 @ 2.53GHz</a>             | 1,009    | 3761                      | 28.87                           | \$34.95*       |
| <a href="#">Intel Core i3-3229Y @ 1.40GHz</a>               | 1,008    | 3763                      | NA                              | NA             |
| <a href="#">ARM Cortex-A57 4 Core 1912 MHz</a>              | 1,007    | 3764                      | NA                              | NA             |
| <a href="#">AMD Phenom II P920 Quad-Core</a>                | 1,006    | 3765                      | 15.48                           | \$65.00*       |
| <a href="#">Intel Core i5-540UM @ 1.20GHz</a>               | 1,002    | 3767                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo E8335 @ 2.93GHz</a>             | 1,002    | 3766                      | NA                              | NA             |
| <a href="#">Mediatek t50</a>                                | 1,001    | 3768                      | NA                              | NA             |
| <a href="#">AMD A4-4300M APU</a>                            | 1,000    | 3769                      | 33.48                           | \$29.86*       |
| <a href="#">AMD Athlon 64 X2 Dual Core 6400+</a>            | 998      | 3770                      | 3.99                            | \$249.95*      |
| <a href="#">Intel Celeron 1037U @ 1.80GHz</a>               | 998      | 3771                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo E8300 @ 2.83GHz</a>             | 997      | 3772                      | 49.86                           | \$19.99*       |
| <a href="#">AMD Athlon X2 215</a>                           | 996      | 3773                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo E7200 @ 2.53GHz</a>             | 996      | 3774                      | 21.19                           | \$47.00*       |
| <a href="#">Intel Pentium B950 @ 2.10GHz</a>                | 995      | 3775                      | NA                              | NA             |
| <a href="#">Rockchip RK3566 EVB3 DDR3 V10 Board</a>         | 994      | 3776                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 FX-62 Dual Core</a>               | 993      | 3777                      | 3.97                            | \$250.00*      |
| <a href="#">Intel Core2 Duo P9500 @ 2.53GHz</a>             | 993      | 3778                      | 0.99                            | \$998.99*      |
| <a href="#">AMD Phenom II N620 Dual-Core</a>                | 992      | 3779                      | 248.61                          | \$3.99*        |
| <a href="#">AMD Athlon II X2 4300e</a>                      | 990      | 3780                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo E6700 @ 2.66GHz</a>             | 990      | 3781                      | 33.02                           | \$29.99*       |
| <a href="#">AMD Athlon 7750 Dual-Core</a>                   | 987      | 3782                      | 12.34                           | \$79.99        |
| <a href="#">AMD Athlon II X2 240e</a>                       | 987      | 3784                      | 26.05                           | \$37.89*       |
| <a href="#">Intel Pentium Extreme Edition 965 @ 3.73GHz</a> | 987      | 3783                      | NA                              | NA             |
| <a href="#">ARM ARMv7 rev 3 (v7I) 4 Core 2065 MHz</a>       | 984      | 3785                      | NA                              | NA             |
| <a href="#">AMD E2-9030</a>                                 | 983      | 3786                      | NA                              | NA             |
| <a href="#">Intel Xeon 3060 @ 2.40GHz</a>                   | 983      | 3787                      | 42.74                           | \$22.99*       |
| <a href="#">Intel Pentium B960 @ 2.20GHz</a>                | 981      | 3788                      | 25.37                           | \$38.68*       |
| <a href="#">Rockchip RK3566</a>                             | 980      | 3789                      | NA                              | NA             |
| <a href="#">AMD Opteron 1218 HE</a>                         | 979      | 3792                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo T9200 @ 2.53GHz</a>             | 979      | 3790                      | 40.34                           | \$94.95*       |
| <a href="#">Mediatek MT87</a>                               |          |                           |                                 | NA             |



## CPU Benchmarks

| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Core i3-2340UE @ 1.30GHz</a>            | 976      | 3794                      | NA                              | NA             |
| <a href="#">Intel Pentium E5400 @ 2.70GHz</a>             | 975      | 3795                      | 11.50                           | \$84.75*       |
| <a href="#">AMD Athlon II X2 215</a>                      | 973      | 3797                      | 33.58                           | \$28.97*       |
| <a href="#">Intel Core2 Duo E8135 @ 2.40GHz</a>           | 973      | 3796                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 FX-74</a>                       | 972      | 3800                      | 1.95                            | \$499.50*      |
| <a href="#">Amlogic AMLT982</a>                           | 972      | 3799                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo T9550 @ 2.66GHz</a>           | 972      | 3798                      | 3.25                            | \$298.95*      |
| <a href="#">Unisoc ums312</a>                             | 972      | 3801                      | NA                              | NA             |
| <a href="#">AMD E2-3200 APU</a>                           | 968      | 3802                      | 121.16                          | \$7.99*        |
| <a href="#">MT6795M</a>                                   | 968      | 3803                      | NA                              | NA             |
| <a href="#">AMD E2-9000</a>                               | 967      | 3804                      | NA                              | NA             |
| <a href="#">Intel Celeron B840 @ 1.90GHz</a>              | 967      | 3805                      | NA                              | NA             |
| <a href="#">AMD Phenom II N640 Dual-Core</a>              | 965      | 3806                      | 17.57                           | \$54.95*       |
| <a href="#">Intel Xeon 5160 @ 3.00GHz</a>                 | 963      | 3807                      | 22.14                           | \$43.50*       |
| <a href="#">Intel Atom x5-E8000 @ 1.04GHz</a>             | 962      | 3808                      | NA                              | NA             |
| <a href="#">Intel Atom C2538 @ 2.40GHz</a>                | 960      | 3809                      | 9.23                            | \$104.00*      |
| <a href="#">Intel Core2 Duo P8700 @ 2.53GHz</a>           | 959      | 3811                      | 11.29                           | \$84.95*       |
| <a href="#">Qualcomm Technologies, Inc MSM8939</a>        | 959      | 3810                      | NA                              | NA             |
| <a href="#">MediaTek MT8166B</a>                          | 957      | 3812                      | NA                              | NA             |
| <a href="#">AMD Opteron 285</a>                           | 956      | 3814                      | 38.30                           | \$24.95*       |
| <a href="#">MT8766A</a>                                   | 956      | 3813                      | NA                              | NA             |
| <a href="#">AMD Turion II Ultra Dual-Core Mobile M600</a> | 955      | 3816                      | 56.97                           | \$16.76*       |
| <a href="#">MT6750V/CS</a>                                | 955      | 3815                      | NA                              | NA             |
| <a href="#">AMD R-260H APU</a>                            | 954      | 3817                      | NA                              | NA             |
| <a href="#">AMD Turion II P540 Dual-Core</a>              | 954      | 3818                      | 19.09                           | \$49.95*       |
| <a href="#">AMD Opteron 290</a>                           | 952      | 3819                      | 7.05                            | \$135.00*      |
| <a href="#">Intel Core2 Duo P9300 @ 2.26GHz</a>           | 952      | 3820                      | NA                              | NA             |
| <a href="#">ARM Cortex-A57 4 Core 1479 MHz</a>            | 951      | 3822                      | NA                              | NA             |
| <a href="#">Rockchip RK3566 EVB2 LP4X V10 Board</a>       | 951      | 3821                      | NA                              | NA             |
| <a href="#">Intel Celeron N2920 @ 1.86GHz</a>             | 950      | 3824                      | NA                              | NA             |
| <a href="#">MT8165</a>                                    | 950      | 3823                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo T7700 @ 2.40GHz</a>           | 949      | 3825                      | 7.31                            | \$129.95       |
| <a href="#">Intel Celeron 3205M @ 1.50GHz</a>             | 947      | 3826                      | 2.22                            | \$287.04*      |
| <a href="#">AMD Athlon II X2</a>                          |          |                           |                                 | NA             |



## CPU Benchmarks



| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <u>AMD A4-3300 APU</u>                                  | 942      | 3829                      | 16.65                           | \$56.61        |
| <u>Intel Celeron J1850 @ 1.99GHz</u>                    | 942      | 3832                      | NA                              | NA             |
| <u>Intel Core2 Duo E6600 @ 2.40GHz</u>                  | 942      | 3831                      | 8.40                            | \$112.17       |
| <u>Intel Core2 Duo E7300 @ 2.66GHz</u>                  | 942      | 3830                      | 18.85                           | \$49.96*       |
| <u>AMD Athlon X2 255</u>                                | 938      | 3833                      | NA                              | NA             |
| <u>Intel Core2 Duo P8800 @ 2.66GHz</u>                  | 937      | 3834                      | 16.44                           | \$56.99*       |
| <u>Intel Celeron E3500 @ 2.70GHz</u>                    | 935      | 3835                      | 62.40                           | \$14.99        |
| <u>AMD Athlon 64 X2 Dual Core 6000+</u>                 | 934      | 3836                      | 24.27                           | \$38.50*       |
| <u>MT6750V/WS</u>                                       | 934      | 3837                      | NA                              | NA             |
| <u>AMD Phenom II P650 Dual-Core</u>                     | 933      | 3838                      | 26.66                           | \$35.00*       |
| <u>Pentium Dual-Core T4500 @ 2.30GHz</u>                | 932      | 3839                      | NA                              | NA             |
| <u>Intel Pentium E5200 @ 2.50GHz</u>                    | 931      | 3840                      | 23.27                           | \$40.00        |
| <u>AMD Sempron X2 198 Dual-Core</u>                     | 930      | 3841                      | NA                              | NA             |
| <u>Intel Atom x5-E3930 @ 1.30GHz</u>                    | 928      | 3842                      | NA                              | NA             |
| <u>Intel Xeon L3406 @ 2.27GHz</u>                       | 928      | 3843                      | 3.60                            | \$257.88*      |
| <u>Samsung J7 Max LTE SWA board based on MT6757V/WL</u> | 928      | 3844                      | NA                              | NA             |
| <u>ARM Cortex-A72 4 Core 1416 MHz</u>                   | 927      | 3845                      | NA                              | NA             |
| <u>Qualcomm Technologies, Inc SCUBAIIOT</u>             | 926      | 3846                      | NA                              | NA             |
| <u>Intel Xeon 5150 @ 2.66GHz</u>                        | 924      | 3847                      | 29.80                           | \$30.99*       |
| <u>ARM Cortex-A15 4 Core 2000 MHz</u>                   | 923      | 3848                      | NA                              | NA             |
| <u>AMD Athlon X2 240</u>                                | 921      | 3849                      | NA                              | NA             |
| <u>Intel Core2 Duo T7800 @ 2.60GHz</u>                  | 921      | 3850                      | 1.51                            | \$607.99*      |
| <u>ARM Cortex-A72 4 Core 2300 MHz</u>                   | 915      | 3851                      | NA                              | NA             |
| <u>AMD Athlon Dual Core 5400B</u>                       | 914      | 3852                      | NA                              | NA             |
| <u>AMD Turion II Dual-Core Mobile M540</u>              | 912      | 3854                      | NA                              | NA             |
| <u>Intel Xeon 5148 @ 2.33GHz</u>                        | 912      | 3853                      | 45.62                           | \$20.00*       |
| <u>AMD A4-1350 APU</u>                                  | 911      | 3855                      | NA                              | NA             |
| <u>AMD Opteron 1218</u>                                 | 910      | 3856                      | NA                              | NA             |
| <u>MT6761V/CBB</u>                                      | 910      | 3858                      | NA                              | NA             |
| <u>SAMSUNG Exynos7580</u>                               | 910      | 3857                      | NA                              | NA             |
| <u>AMD Opteron 2220 SE</u>                              | 909      | 3859                      | 36.35                           | \$25.00*       |
| <u>Intel Core i5-520UM @ 1.07GHz</u>                    | 908      | 3860                      | NA                              | NA             |
| <u>Intel Core2 Duo E4700 @ 2.66GHz</u>                  | 908      | 3862                      | 22.62                           | \$26.99*       |
| <u>Intel Pentium P</u>                                  |          |                           |                                 | \$24.95*       |

| CPU Name | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|----------|---------------------------|---------------------------------|----------------|
|----------|----------|---------------------------|---------------------------------|----------------|



## CPU Benchmarks ▼

|   |     |      |       |           |
|---|-----|------|-------|-----------|
| <u>AMD Athlon 64 X2 Dual Core 5600+</u>     | 907 | 3863 | 8.46  | \$107.21* |
| <u>Qualcomm Technologies, Inc MSM8952</u>   | 907 | 3865 | NA    | NA        |
| <u>VIA Eden X4 C4250 @ 1.2+GHz</u>          | 904 | 3866 | NA    | NA        |
| <u>Intel Core i3-2375M @ 1.50GHz</u>        | 903 | 3867 | NA    | NA        |
| <u>Intel Pentium E5300 @ 2.60GHz</u>        | 901 | 3868 | 15.15 | \$59.49   |
| <u>Intel Xeon 3.73GHz</u>                   | 901 | 3870 | NA    | NA        |
| <u>Pentium Dual-Core T4300 @ 2.10GHz</u>    | 901 | 3869 | NA    | NA        |
| <u>AMD Athlon 7550 Dual-Core</u>            | 900 | 3871 | 60.23 | \$14.95*  |
| <u>AMD Athlon II N370 Dual-Core</u>         | 899 | 3872 | NA    | NA        |
| <u>Intel Core2 Duo T8300 @ 2.40GHz</u>      | 896 | 3874 | 8.23  | \$108.95* |
| <u>Intel Pentium G620T @ 2.20GHz</u>        | 896 | 3873 | 9.95  | \$90.10   |
| <u>Rockchip RK3568 EVB2 LP4X V10 Board</u>  | 895 | 3875 | NA    | NA        |
| <u>Intel Celeron 1017U @ 1.60GHz</u>        | 893 | 3876 | NA    | NA        |
| <u>Intel Core2 Duo E6550 @ 2.33GHz</u>      | 893 | 3877 | 67.15 | \$13.30*  |
| <u>AMD RX-225FB</u>                         | 892 | 3878 | NA    | NA        |
| <u>Intel Atom x5-Z8350 @ 1.44GHz</u>        | 891 | 3879 | 42.43 | \$21.00*  |
| <u>AMD E2-9000e</u>                         | 890 | 3880 | NA    | NA        |
| <u>MT8365</u>                               | 889 | 3881 | NA    | NA        |
| <u>Rockchip RK3528 DEMO4 DDR4 V10 Board</u> | 888 | 3882 | NA    | NA        |
| <u>Intel Xeon 5133 @ 2.20GHz</u>            | 887 | 3883 | NA    | NA        |
| <u>MT8168M</u>                              | 887 | 3884 | NA    | NA        |
| <u>AMD Phenom X2 Dual-Core GP-7730</u>      | 884 | 3885 | NA    | NA        |
| <u>Intel Pentium P6100 @ 2.00GHz</u>        | 882 | 3886 | 51.80 | \$17.02*  |
| <u>ARM FT-2000/4 4 Core 2200 MHz</u>        | 881 | 3887 | NA    | NA        |
| <u>AMD Sempron X2 190</u>                   | 879 | 3888 | 10.53 | \$83.44*  |
| <u>AMD Turion II P560 Dual-Core</u>         | 878 | 3889 | NA    | NA        |
| <u>Intel Pentium N3510 @ 1.99GHz</u>        | 878 | 3890 | NA    | NA        |
| <u>Qualcomm Technologies, Inc MSM8992</u>   | 878 | 3892 | NA    | NA        |
| <u>Samsung Exynos 7580</u>                  | 878 | 3891 | NA    | NA        |
| <u>AMD Turion II N550 Dual-Core</u>         | 877 | 3894 | NA    | NA        |
| <u>Intel Celeron 2955U @ 1.40GHz</u>        | 877 | 3893 | NA    | NA        |
| <u>Athlon 64 Dual Core 5600+</u>            | 875 | 3895 | NA    | NA        |
| <u>QTI QCM2290</u>                          | 875 | 3896 | NA    | NA        |
| <u>AMD Athlon 5000</u>                      |     |      |       | \$79.95   |

| CPU Name | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|----------|---------------------------|---------------------------------|----------------|
|----------|----------|---------------------------|---------------------------------|----------------|



## CPU Benchmarks



|   |     |      |       |           |
|---|-----|------|-------|-----------|
| <u>rockchip,rk3368</u>                  | 870 | 3898 | NA    | NA        |
| <u>AMD Athlon 5200 Dual-Core</u>        | 869 | 3901 | 16.40 | \$53.02   |
| <u>Intel Celeron E3400 @ 2.60GHz</u>    | 869 | 3900 | 45.79 | \$18.99   |
| <u>AMD Athlon II X2 4450e</u>           | 867 | 3903 | NA    | NA        |
| <u>Intel Xeon 3065 @ 2.33GHz</u>        | 867 | 3902 | 41.49 | \$20.90*  |
| <u>AMD Turion 64 X2 Mobile TL-68</u>    | 866 | 3904 | 9.62  | \$90.00*  |
| <u>Intel Celeron B830 @ 1.80GHz</u>     | 863 | 3906 | 17.25 | \$49.99*  |
| <u>Intel Core2 Duo SP9400 @ 2.40GHz</u> | 863 | 3905 | 3.04  | \$284.00* |
| <u>Synaptics VS640</u>                  | 862 | 3907 | NA    | NA        |
| <u>Intel Xeon 5140 @ 2.33GHz</u>        | 857 | 3909 | 23.16 | \$36.99*  |
| <u>MT8161AA</u>                         | 857 | 3908 | NA    | NA        |
| <u>AMD Athlon Dual Core 5000B</u>       | 856 | 3910 | 9.02  | \$95.00*  |
| <u>Intel Core2 Duo P7550 @ 2.26GHz</u>  | 856 | 3911 | 3.72  | \$229.99* |
| <u>AMD Athlon X2 250</u>                | 855 | 3913 | NA    | NA        |
| <u>AMD Turion II N530 Dual-Core</u>     | 855 | 3912 | 28.51 | \$30.00*  |
| <u>Intel Celeron 2957U @ 1.40GHz</u>    | 854 | 3914 | NA    | NA        |
| <u>AMD Turion II Neo N54L Dual-Core</u> | 853 | 3915 | NA    | NA        |
| <u>AMD A4-9120C</u>                     | 852 | 3917 | NA    | NA        |
| <u>BCM2711</u>                          | 852 | 3916 | NA    | NA        |
| <u>AMD A4-9120e</u>                     | 851 | 3918 | NA    | NA        |
| <u>Athlon 64 Dual Core 5000+</u>        | 850 | 3919 | NA    | NA        |
| <u>Intel Core2 Duo P8400 @ 2.26GHz</u>  | 850 | 3920 | 2.86  | \$297.01* |
| <u>Intel Pentium 3560Y @ 1.20GHz</u>    | 849 | 3922 | NA    | NA        |
| <u>Intel Pentium B940 @ 2.00GHz</u>     | 849 | 3921 | 9.44  | \$89.95*  |
| <u>Intel Celeron P4500 @ 1.87GHz</u>    | 848 | 3923 | NA    | NA        |
| <u>Intel Core i3-2367M @ 1.40GHz</u>    | 847 | 3924 | NA    | NA        |
| <u>AMD Athlon 64 X2 Dual Core 5200+</u> | 846 | 3926 | 14.10 | \$60.00*  |
| <u>AMD Athlon Dual Core 5050e</u>       | 846 | 3927 | 14.10 | \$60.00*  |
| <u>Intel Celeron P4600 @ 2.00GHz</u>    | 846 | 3925 | NA    | NA        |
| <u>Intel Core2 Duo P7570 @ 2.26GHz</u>  | 845 | 3930 | NA    | NA        |
| <u>Intel Core2 Duo P8600 @ 2.40GHz</u>  | 845 | 3929 | 17.18 | \$49.18*  |
| <u>MT6750V/W</u>                        | 845 | 3931 | NA    | NA        |
| <u>MT9950</u>                           | 845 | 3930 | NA    | NA        |
| <u>AMD Turion II E</u>                  |     |      |       | \$69.10*  |

 CPU Benchmarks 

| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Pentium E2220 @ 2.40GHz</a>              | 842      | 3935                      | 42.11                           | \$19.99        |
| <a href="#">MTK8257</a>                                    | 842      | 3934                      | NA                              | NA             |
| <a href="#">AMD TurionX2 Ultra DualCore Mobile ZM-85</a>   | 841      | 3936                      | NA                              | NA             |
| <a href="#">Intel Celeron E1600 @ 2.40GHz</a>              | 840      | 3937                      | NA                              | NA             |
| <a href="#">AMD Opteron 275</a>                            | 839      | 3938                      | 5.60                            | \$149.95       |
| <a href="#">Intel Celeron 1007U @ 1.50GHz</a>              | 839      | 3941                      | 4.53                            | \$184.99*      |
| <a href="#">Intel Celeron E3200 @ 2.40GHz</a>              | 839      | 3939                      | 41.96                           | \$19.99*       |
| <a href="#">Thor</a>                                       | 839      | 3940                      | NA                              | NA             |
| <a href="#">Intel Xeon E5205 @ 1.86GHz</a>                 | 838      | 3942                      | 58.75                           | \$14.27*       |
| <a href="#">Intel Xeon E5502 @ 1.87GHz</a>                 | 837      | 3943                      | 21.47                           | \$39.00*       |
| <a href="#">Intel Pentium P6300 @ 2.27GHz</a>              | 834      | 3944                      | NA                              | NA             |
| <a href="#">AArch64</a>                                    | 833      | 3946                      | NA                              | NA             |
| <a href="#">Intel Core i3-2377M @ 1.50GHz</a>              | 833      | 3945                      | NA                              | NA             |
| <a href="#">AMD Turion X2 Ultra Dual-Core Mobile ZM-85</a> | 828      | 3948                      | 18.39                           | \$45.00*       |
| <a href="#">Intel Core2 Duo T7500 @ 2.20GHz</a>            | 828      | 3947                      | 14.04                           | \$59.00*       |
| <a href="#">Amlogic AMLS905X4</a>                          | 827      | 3950                      | NA                              | NA             |
| <a href="#">Rockchip RK3368</a>                            | 827      | 3949                      | NA                              | NA             |
| <a href="#">AMD Sempron X2 180</a>                         | 826      | 3951                      | 11.90                           | \$69.40*       |
| <a href="#">Intel Core2 Duo T7600 @ 2.33GHz</a>            | 824      | 3952                      | 8.24                            | \$99.95*       |
| <a href="#">Intel Pentium T4500 @ 2.30GHz</a>              | 824      | 3953                      | 27.51                           | \$29.95*       |
| <a href="#">AMD Athlon Dual Core 5200B</a>                 | 823      | 3954                      | NA                              | NA             |
| <a href="#">MT8766B</a>                                    | 822      | 3955                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo T6670 @ 2.20GHz</a>            | 818      | 3958                      | NA                              | NA             |
| <a href="#">Intel Xeon 3050 @ 2.13GHz</a>                  | 818      | 3956                      | 5.18                            | \$157.95*      |
| <a href="#">MT8161A</a>                                    | 818      | 3957                      | NA                              | NA             |
| <a href="#">Intel Core i3-2365M @ 1.40GHz</a>              | 816      | 3960                      | NA                              | NA             |
| <a href="#">MT6761V/CAB</a>                                | 816      | 3959                      | NA                              | NA             |
| <a href="#">MT6761V/WAB</a>                                | 816      | 3961                      | NA                              | NA             |
| <a href="#">Amlogic AMLS905D3</a>                          | 815      | 3963                      | NA                              | NA             |
| <a href="#">ARM Cortex-A72 4 Core 2200 MHz</a>             | 815      | 3962                      | NA                              | NA             |
| <a href="#">AMD Turion II Ultra Dual-Core Mobile M620</a>  | 814      | 3964                      | NA                              | NA             |
| <a href="#">Intel Atom x5-Z8300 @ 1.44GHz</a>              | 814      | 3965                      | 6.12                            | \$132.99*      |
| <a href="#">AMD Turion II E550 Dual Core</a>               | 813      | 3966                      | NA                              | NA             |
| <a href="#">Intel Pentium P</a>                            |          |                           |                                 | NA             |



## CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <u>Intel Pentium 997 @ 1.60GHz</u>                   | 809      | 3968                      | NA                              | NA             |
| <u>Intel Core2 Duo E6540 @ 2.33GHz</u>               | 808      | 3970                      | NA                              | NA             |
| <u>AMD Athlon II Dual-Core M340</u>                  | 807      | 3971                      | NA                              | NA             |
| <u>Intel Pentium D 960 @ 3.60GHz</u>                 | 807      | 3972                      | NA                              | NA             |
| <u>AMD A4-4355M APU</u>                              | 806      | 3973                      | NA                              | NA             |
| <u>AMD Opteron 1214 HE</u>                           | 806      | 3974                      | NA                              | NA             |
| <u>Intel Xeon E5503 @ 2.00GHz</u>                    | 804      | 3975                      | 6.28                            | \$128.00*      |
| <u>MT8173</u>  | 804      | 3976                      | NA                              | NA             |
| <u>AMD Athlon64 X2 Dual Core 4600+</u>               | 803      | 3978                      | NA                              | NA             |
| <u>nxp IMX8MQ</u>                                    | 803      | 3977                      | NA                              | NA             |
| <u>AMD Turion X2 Ultra Dual-Core Mobile ZM-84</u>    | 802      | 3981                      | 16.05                           | \$49.95*       |
| <u>Intel Atom Z3580 @ 1.33GHz</u>                    | 802      | 3980                      | NA                              | NA             |
| <u>Intel Celeron B820 @ 1.70GHz</u>                  | 802      | 3979                      | 27.39                           | \$29.29*       |
| <u>AMD Turion X2 Dual-Core Mobile RM-76</u>          | 799      | 3982                      | NA                              | NA             |
| <u>hi6210sft</u>                                     | 796      | 3983                      | NA                              | NA             |
| <u>Intel Celeron E3300 @ 2.50GHz</u>                 | 795      | 3986                      | 12.86                           | \$61.79        |
| <u>Intel Xeon 5130 @ 2.00GHz</u>                     | 795      | 3985                      | 16.22                           | \$48.99*       |
| <u>Rockchip RK3566 RK817 ZIDOO TABLET LP4X Board</u> | 795      | 3984                      | NA                              | NA             |
| <u>AMD GX-217GA SOC</u>                              | 794      | 3988                      | NA                              | NA             |
| <u>Intel Atom Z3775D @ 1.49GHz</u>                   | 794      | 3987                      | NA                              | NA             |
| <u>AMD A6-4455M APU</u>                              | 793      | 3989                      | NA                              | NA             |
| <u>Intel Core2 Duo T6600 @ 2.20GHz</u>               | 793      | 3990                      | 19.83                           | \$39.97*       |
| <u>Intel Core2 Duo P7370 @ 2.00GHz</u>               | 790      | 3992                      | NA                              | NA             |
| <u>Intel Xeon 3040 @ 1.86GHz</u>                     | 790      | 3991                      | 31.53                           | \$25.04*       |
| <u>AMD Athlon 7450 Dual-Core</u>                     | 789      | 3993                      | NA                              | NA             |
| <u>AC8257V/WAB</u>                                   | 788      | 3994                      | NA                              | NA             |
| <u>Intel Core i3-2357M @ 1.30GHz</u>                 | 788      | 3995                      | NA                              | NA             |
| <u>Intel Core2 Duo L9600 @ 2.13GHz</u>               | 788      | 3996                      | NA                              | NA             |
| <u>AMD Athlon 64 X2 Dual Core 5000+</u>              | 786      | 3998                      | 2.37                            | \$331.49*      |
| <u>MediaTek MT6761V/WBB</u>                          | 786      | 3997                      | NA                              | NA             |
| <u>Qualcomm MSM8994</u>                              | 785      | 3999                      | NA                              | NA             |
| <u>Mediatek MT8168B</u>                              | 784      | 4001                      | NA                              | NA             |
| <u>MT6761V/CD</u>                                    | 784      | 4000                      | NA                              | NA             |
| <u>AMD Athlon Du</u>                                 |          |                           |                                 | \$39.00*       |



## CPU Benchmarks



| CPU Name                                     | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <u>AMD A4-3310MX APU</u>                     | 782      | 4005                      | NA                              | NA             |
| <u>Intel Core i5-470UM @ 1.33GHz</u>         | 782      | 4004                      | NA                              | NA             |
| <u>AMD Opteron 1216</u>                      | 781      | 4007                      | 14.23                           | \$54.85*       |
| <u>ARM Cortex-A17 4 Core 1800 MHz</u>        | 781      | 4006                      | NA                              | NA             |
| <u>Intel Core2 Duo E6400 @ 2.13GHz</u>       | 780      | 4008                      | 26.05                           | \$29.94*       |
| <u>ARM ARMv7 rev 1 (v7I) 4 Core 1608 MHz</u> | 776      | 4009                      | NA                              | NA             |
| <u>Intel Celeron B810 @ 1.60GHz</u>          | 775      | 4011                      | 28.70                           | \$26.99*       |
| <u>Pentium Dual-Core T4200 @ 2.00GHz</u>     | 775      | 4010                      | NA                              | NA             |
| <u>Intel Celeron N2910 @ 1.60GHz</u>         | 773      | 4013                      | NA                              | NA             |
| <u>VIA QuadCore L4700 @ 1.2+ GHz</u>         | 773      | 4012                      | NA                              | NA             |
| <u>ARM Cortex-A72 4 Core 2000 MHz</u>        | 772      | 4014                      | NA                              | NA             |
| <u>Intel Atom Z3735G @ 1.33GHz</u>           | 772      | 4015                      | NA                              | NA             |
| <u>AMD Opteron 1212 HE</u>                   | 771      | 4016                      | NA                              | NA             |
| <u>Athlon Dual Core 4850e</u>                | 769      | 4018                      | NA                              | NA             |
| <u>Intel Pentium T4400 @ 2.20GHz</u>         | 769      | 4017                      | 7.00                            | \$109.95*      |
| <u>Intel Core2 Duo T8100 @ 2.10GHz</u>       | 768      | 4019                      | 0.77                            | \$999.99*      |
| <u>AMD Athlon II N350 Dual-Core</u>          | 767      | 4020                      | NA                              | NA             |
| <u>AMD A4-5150M APU</u>                      | 765      | 4022                      | NA                              | NA             |
| <u>AMD Opteron 280</u>                       | 765      | 4021                      | 2.89                            | \$264.85*      |
| <u>Intel Xeon 5120 @ 1.86GHz</u>             | 763      | 4023                      | 2.55                            | \$298.95       |
| <u>Intel Core2 Duo T7400 @ 2.16GHz</u>       | 761      | 4025                      | 5.07                            | \$149.95*      |
| <u>rockchip,rk3328</u>                       | 761      | 4024                      | NA                              | NA             |
| <u>Intel Core2 Duo E6420 @ 2.13GHz</u>       | 760      | 4027                      | 19.00                           | \$39.99*       |
| <u>M7221</u>                                 | 760      | 4026                      | NA                              | NA             |
| <u>Intel Core2 Duo SL9400 @ 1.86GHz</u>      | 759      | 4028                      | 3.00                            | \$253.00*      |
| <u>AMD A4-3305M APU</u>                      | 758      | 4030                      | 36.44                           | \$20.81*       |
| <u>Intel Core2 Duo T6570 @ 2.10GHz</u>       | 758      | 4031                      | 19.69                           | \$38.50*       |
| <u>MT6797D</u>                               | 758      | 4029                      | NA                              | NA             |
| <u>Intel Pentium T4300 @ 2.10GHz</u>         | 757      | 4033                      | 7.65                            | \$98.95        |
| <u>MediaTek MT6761V/WE</u>                   | 757      | 4032                      | NA                              | NA             |
| <u>AMD A4-3330MX APU</u>                     | 756      | 4036                      | NA                              | NA             |
| <u>AMD Turion II Dual-Core Mobile M500</u>   | 756      | 4034                      | NA                              | NA             |
| <u>Celeron Dual-Core T3500 @ 2.40GHz</u>     | 756      | 4035                      | NA                              | NA             |
| <u>ARM Cortex-A5</u>                         |          |                           |                                 | NA             |



## CPU Benchmarks



| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <u>AMD GX-218GL SOC</u>                           | 754      | 4040                      | NA                              | NA             |
| <u>Intel Celeron 887 @ 1.50GHz</u>                | 754      | 4039                      | NA                              | NA             |
| <u>Rockchip RK3566 EVB1 DDR4 V10 Board</u>        | 751      | 4041                      | NA                              | NA             |
| <u>AMD Athlon II Dual-Core M320</u>               | 749      | 4043                      | 24.97                           | \$30.00*       |
| <u>Intel Atom Z3560 @ 1.00GHz</u>                 | 749      | 4042                      | NA                              | NA             |
| <u>Dual-Core AMD Opteron 1220 SE</u>              | 748      | 4047                      | NA                              | NA             |
| <u>Intel Celeron 1047UE @ 1.40GHz</u>             | 748      | 4044                      | NA                              | NA             |
| <u>Intel Core2 Duo P7350 @ 2.00GHz</u>            | 748      | 4045                      | 37.43                           | \$19.99*       |
| <u>Spreadtrum SC9853I-IA</u>                      | 748      | 4046                      | NA                              | NA             |
| <u>Intel Core2 Duo T6500 @ 2.10GHz</u>            | 747      | 4048                      | 49.83                           | \$14.99*       |
| <u>AMD Opteron 180</u>                            | 746      | 4049                      | 6.22                            | \$119.95       |
| <u>Intel Core i3-380UM @ 1.33GHz</u>              | 745      | 4050                      | NA                              | NA             |
| <u>Intel Pentium Dual T2390 @ 1.86GHz</u>         | 745      | 4051                      | NA                              | NA             |
| <u>Mediatek MT6761V/WD</u>                        | 744      | 4052                      | NA                              | NA             |
| <u>ARM Cortex-A55 4 Core 2124 MHz</u>             | 742      | 4053                      | NA                              | NA             |
| <u>AMD Turion X2 Ultra Dual-Core Mobile ZM-87</u> | 741      | 4054                      | 18.56                           | \$39.95*       |
| <u>Mediatek MT8696</u>                            | 740      | 4055                      | NA                              | NA             |
| <u>Intel Core2 Duo E4500 @ 2.20GHz</u>            | 739      | 4056                      | 67.15                           | \$11.00*       |
| <u>Intel Core2 Duo T7200 @ 2.00GHz</u>            | 738      | 4057                      | 8.21                            | \$89.95        |
| <u>MT8696</u>                                     | 738      | 4058                      | NA                              | NA             |
| <u>AMD Athlon Dual Core 5600B</u>                 | 737      | 4059                      | NA                              | NA             |
| <u>AMD Opteron 270</u>                            | 736      | 4063                      | 2.72                            | \$270.75*      |
| <u>Athlon 64 Dual Core 3800+</u>                  | 736      | 4061                      | NA                              | NA             |
| <u>Intel Atom Z3770 @ 1.46GHz</u>                 | 736      | 4062                      | 4.93                            | \$149.44*      |
| <u>Intel Pentium D 3.40GHz</u>                    | 736      | 4060                      | NA                              | NA             |
| <u>Intel Celeron E1400 @ 2.00GHz</u>              | 735      | 4064                      | 52.50                           | \$14.00        |
| <u>ARM Cortex-A72 6 Core 1008 MHz</u>             | 734      | 4065                      | NA                              | NA             |
| <u>AMD Turion X2 Ultra Dual-Core Mobile ZM-82</u> | 733      | 4066                      | NA                              | NA             |
| <u>Intel Celeron B815 @ 1.60GHz</u>               | 731      | 4067                      | 27.07                           | \$26.99*       |
| <u>AMD Athlon II P360 Dual-Core</u>               | 730      | 4068                      | 36.60                           | \$19.95*       |
| <u>Intel Pentium E2200 @ 2.20GHz</u>              | 730      | 4070                      | 29.18                           | \$25.00*       |
| <u>Qualcomm Technologies, Inc APQ8096pro</u>      | 730      | 4069                      | NA                              | NA             |
| <u>Intel Core2 Duo T6400 @ 2.00GHz</u>            | 729      | 4071                      | 49.83                           | \$14.99*       |
| <u>AMD Athlon 64</u>                              |          |                           |                                 | \$109.95*      |



## CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD Opteron 1216 HE</a>                        | 727      | 4074                      | NA                              | NA             |
| <a href="#">AMD E2-3000 APU</a>                            | 726      | 4075                      | NA                              | NA             |
| <a href="#">MT3561S</a>                                    | 723      | 4076                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 X2 Dual Core 4600+</a>           | 720      | 4078                      | 2.06                            | \$349.95*      |
| <a href="#">Qualcomm APQ 8084 (Flattened Device Tree)</a>  | 720      | 4077                      | NA                              | NA             |
| <a href="#">Qualcomm MSM8974</a>                           | 719      | 4079                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo E6320 @ 1.86GHz</a>            | 717      | 4080                      | 17.94                           | \$39.99*       |
| <a href="#">Qualcomm Technologies, Inc SDA429W</a>         | 715      | 4081                      | NA                              | NA             |
| <a href="#">AMD A4-3300M APU</a>                           | 714      | 4082                      | 23.81                           | \$29.99*       |
| <a href="#">Intel Pentium T4200 @ 2.00GHz</a>              | 714      | 4083                      | 7.21                            | \$98.95*       |
| <a href="#">AMD Athlon II X2 260u</a>                      | 713      | 4084                      | 8.54                            | \$83.44*       |
| <a href="#">MediaTek MT8168A</a>                           | 712      | 4085                      | NA                              | NA             |
| <a href="#">AMD Athlon Dual Core 4450B</a>                 | 711      | 4086                      | 22.92                           | \$31.00*       |
| <a href="#">AMD Athlon 64 FX-60 Dual Core</a>              | 709      | 4087                      | NA                              | NA             |
| <a href="#">AMD Turion X2 Dual-Core Mobile RM-75</a>       | 708      | 4089                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo T7250 @ 2.00GHz</a>            | 708      | 4088                      | 3.52                            | \$201.48*      |
| <a href="#">Rockchip RK3288</a>                            | 708      | 4090                      | NA                              | NA             |
| <a href="#">ARM Cortex-A55 4 Core 1908 MHz</a>             | 707      | 4091                      | NA                              | NA             |
| <a href="#">AMD Athlon Dual Core 4450e</a>                 | 705      | 4092                      | 48.71                           | \$14.48*       |
| <a href="#">AMD Athlon II P340 Dual-Core</a>               | 704      | 4096                      | 17.62                           | \$39.95*       |
| <a href="#">Intel Atom E3840 @ 1.91GHz</a>                 | 704      | 4097                      | NA                              | NA             |
| <a href="#">Intel Atom Z3735D @ 1.33GHz</a>                | 704      | 4094                      | NA                              | NA             |
| <a href="#">Intel Atom Z3775 @ 1.46GHz</a>                 | 704      | 4093                      | 1.41                            | \$500.00*      |
| <a href="#">MT8735T</a>                                    | 704      | 4095                      | NA                              | NA             |
| <a href="#">AMD Athlon II P320 Dual-Core</a>               | 702      | 4099                      | 35.18                           | \$19.95        |
| <a href="#">Intel Pentium E2210 @ 2.20GHz</a>              | 702      | 4098                      | NA                              | NA             |
| <a href="#">MT5893</a>                                     | 702      | 4100                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo E4400 @ 2.00GHz</a>            | 701      | 4101                      | 35.04                           | \$19.99*       |
| <a href="#">Intel Core2 Duo T5870 @ 2.00GHz</a>            | 698      | 4102                      | NA                              | NA             |
| <a href="#">AMD Opteron 1214</a>                           | 696      | 4103                      | 7.72                            | \$90.18*       |
| <a href="#">AMD Turion 64 X2 Mobile TL-66</a>              | 696      | 4104                      | 7.82                            | \$89.00*       |
| <a href="#">AMD Opteron 185</a>                            | 695      | 4106                      | NA                              | NA             |
| <a href="#">AMD Turion X2 Ultra Dual Core Mobile ZM 80</a> | 695      | 4107                      | 44.90                           | \$61.00*       |
| <a href="#">Mediatek MT67</a>                              |          |                           |                                 | NA             |



## CPU Benchmarks

| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <u>Intel Core2 Duo T5750 @ 2.00GHz</u>              | 693      | 4109                      | 69.37                           | \$9.99*        |
| <u>Samsung EXYNOS5420</u>                           | 693      | 4108                      | NA                              | NA             |
| <u>AMD Athlon 64 X2 Dual Core 4000+</u>             | 692      | 4111                      | NA                              | NA             |
| <u>Intel Celeron 877 @ 1.40GHz</u>                  | 692      | 4112                      | NA                              | NA             |
| <u>MT6738</u>                                       | 692      | 4113                      | NA                              | NA             |
| <u>AMD Turion X2 Dual Core Mobile RM-76</u>         | 691      | 4114                      | NA                              | NA             |
| <u>Intel Atom Z3560 @ 1.83GHz</u>                   | 690      | 4115                      | NA                              | NA             |
| <u>Intel Core2 Duo L9300 @ 1.60GHz</u>              | 690      | 4116                      | NA                              | NA             |
| <u>Intel Celeron P4505 @ 1.87GHz</u>                | 689      | 4117                      | NA                              | NA             |
| <u>MediaTek MT6737T</u>                             | 689      | 4118                      | NA                              | NA             |
| <u>Celeron Dual-Core T3000 @ 1.80GHz</u>            | 687      | 4120                      | NA                              | NA             |
| <u>Intel Core2 Duo T5850 @ 2.16GHz</u>              | 687      | 4119                      | 24.73                           | \$27.79*       |
| <u>Qualcomm MSM8974PRO-AB</u>                       | 686      | 4121                      | NA                              | NA             |
| <u>Rockchip RK3566 RK817 TABLET RKG11 LP4 Board</u> | 686      | 4122                      | NA                              | NA             |
| <u>ARM Cortex-A55 4 Core 1992 MHz</u>               | 685      | 4123                      | NA                              | NA             |
| <u>AMD Turion II Neo K685 Dual-Core</u>             | 684      | 4125                      | NA                              | NA             |
| <u>Intel Celeron 2961Y @ 1.10GHz</u>                | 684      | 4124                      | NA                              | NA             |
| <u>Intel Pentium E2180 @ 2.00GHz</u>                | 683      | 4126                      | 35.05                           | \$19.50        |
| <u>AMD Opteron 175</u>                              | 682      | 4127                      | NA                              | NA             |
| <u>ARM Cortex-A53 8 Core 1512 MHz</u>               | 681      | 4129                      | NA                              | NA             |
| <u>Athlon Dual Core 4450e</u>                       | 681      | 4130                      | NA                              | NA             |
| <u>Intel Pentium D 950 @ 3.40GHz</u>                | 681      | 4128                      | NA                              | NA             |
| <u>Intel Core2 Duo L7800 @ 2.00GHz</u>              | 680      | 4131                      | NA                              | NA             |
| <u>AMD Athlon 64 X2 Dual Core 4800+</u>             | 679      | 4132                      | 4.53                            | \$149.95*      |
| <u>Intel Celeron J3060 @ 1.60GHz</u>                | 679      | 4133                      | NA                              | NA             |
| <u>Intel Core2 Duo T7300 @ 2.00GHz</u>              | 678      | 4134                      | 7.54                            | \$89.95*       |
| <u>AMD Athlon 64 X2 Dual Core 4400+</u>             | 675      | 4137                      | 2.26                            | \$298.95*      |
| <u>AMD Athlon II X2 270u</u>                        | 675      | 4135                      | 9.98                            | \$67.67*       |
| <u>AMD Turion 64 X2 Mobile TL-64</u>                | 675      | 4136                      | 17.14                           | \$39.39*       |
| <u>AMD Athlon Dual Core 4050e</u>                   | 674      | 4139                      | NA                              | NA             |
| <u>AMD Athlon X2 Dual Core BE-2400</u>              | 674      | 4140                      | NA                              | NA             |
| <u>ARM Cortex-A72 4 Core 2100 MHz</u>               | 674      | 4138                      | NA                              | NA             |
| <u>Allwinner A133</u>                               | 672      | 4144                      | NA                              | NA             |
| <u>Qualcomm MSI</u>                                 |          |                           |                                 | NA             |

| CPU Name | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|----------|---------------------------|---------------------------------|----------------|
|----------|----------|---------------------------|---------------------------------|----------------|



## CPU Benchmarks



|   |     |      |       |           |
|---|-----|------|-------|-----------|
| <u>Athlon Dual Core 4050e</u>               | 670 | 4143 | NA    | NA        |
| <u>AMD A4-3320M APU</u>                     | 668 | 4146 | 17.12 | \$39.00*  |
| <u>AMD E2-3000M APU</u>                     | 668 | 4145 | 15.54 | \$42.98*  |
| <u>ARM Cortex-A72 4 Core 1600 MHz</u>       | 667 | 4147 | NA    | NA        |
| <u>Rockchip_(Device Tree)</u>               | 666 | 4148 | NA    | NA        |
| <u>VIA QuadCore U4650 @ 1.0+ GHz</u>        | 666 | 4149 | NA    | NA        |
| <u>AMD Athlon II N330 Dual-Core</u>         | 665 | 4150 | NA    | NA        |
| <u>Intel Celeron N3060 @ 1.60GHz</u>        | 664 | 4151 | 2.35  | \$282.00* |
| <u>ARM Cortex-A55 4 Core 2100 MHz</u>       | 663 | 4152 | NA    | NA        |
| <u>AMD E2-7015 APU</u>                      | 662 | 4153 | NA    | NA        |
| <u>AMD Turion Dual-Core RM-75</u>           | 659 | 4155 | 30.65 | \$21.49*  |
| <u>Broadcom STB (Flattened Device Tree)</u> | 659 | 4154 | NA    | NA        |
| <u>Intel Core2 Duo T5600 @ 1.83GHz</u>      | 658 | 4156 | NA    | NA        |
| <u>Intel Celeron B800 @ 1.50GHz</u>         | 657 | 4157 | 24.35 | \$26.99*  |
| <u>Intel Core2 Duo L7500 @ 1.60GHz</u>      | 657 | 4159 | NA    | NA        |
| <u>Intel Pentium 987 @ 1.50GHz</u>          | 657 | 4158 | NA    | NA        |
| <u>Qualcomm MSM8917</u>                     | 656 | 4160 | NA    | NA        |
| <u>AMD Turion X2 Dual-Core Mobile RM-74</u> | 655 | 4161 | 43.83 | \$14.95*  |
| <u>MT8735A</u>                              | 655 | 4162 | NA    | NA        |
| <u>AMD Athlon 64 X2 Dual Core 5800+</u>     | 653 | 4164 | 21.81 | \$29.95*  |
| <u>AMD Turion X2 Dual-Core Mobile RM-72</u> | 653 | 4163 | 2.91  | \$224.26* |
| <u>Intel Pentium T3400 @ 2.16GHz</u>        | 653 | 4165 | 8.17  | \$79.95*  |
| <u>AMD Athlon 64 X2 QL-60</u>               | 652 | 4166 | NA    | NA        |
| <u>Intel Core2 Duo T5900 @ 2.20GHz</u>      | 652 | 4167 | NA    | NA        |
| <u>AMD GX-412TC SOC</u>                     | 650 | 4168 | NA    | NA        |
| <u>AMD Turion 64 X2 Mobile TL-62</u>        | 649 | 4169 | 22.39 | \$29.00*  |
| <u>AMD Turion Dual-Core RM-72</u>           | 649 | 4170 | 21.69 | \$29.90*  |
| <u>AMD Opteron 170</u>                      | 648 | 4171 | NA    | NA        |
| <u>AMD GX-212JC SOC</u>                     | 646 | 4172 | NA    | NA        |
| <u>Qualcomm MSM8974PRO-AC</u>               | 644 | 4173 | NA    | NA        |
| <u>Intel Pentium 967 @ 1.30GHz</u>          | 643 | 4174 | NA    | NA        |
| <u>Intel Pentium E2160 @ 1.80GHz</u>        | 642 | 4175 | 32.12 | \$20.00   |
| <u>AMD Athlon 64 X2 QL-60</u>               | 641 | 4176 | NA    | NA        |
| <u>AMD Turion 64</u>                        |     |      |       | \$15.95*  |



## CPU Benchmarks



| CPU Name                                    | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <u>AMD Athlon 64 X2 QL-65</u>               | 637      | 4181                      | 28.95                           | \$22.00*       |
| <u>AMD E2-7015</u>                          | 637      | 4179                      | NA                              | NA             |
| <u>Intel Core2 Duo T5550 @ 1.83GHz</u>      | 637      | 4180                      | NA                              | NA             |
| <u>Amlogic</u>                              | 636      | 4182                      | NA                              | NA             |
| <u>Intel Atom Z3740 @ 1.33GHz</u>           | 634      | 4184                      | NA                              | NA             |
| <u>Intel Core2 Duo E6300 @ 1.86GHz</u>      | 634      | 4183                      | 7.05                            | \$89.95*       |
| <u>AMD Athlon 64 X2 Dual Core 3600+</u>     | 633      | 4186                      | 9.27                            | \$68.25*       |
| <u>Celeron Dual-Core T3300 @ 2.00GHz</u>    | 633      | 4185                      | 42.31                           | \$14.97*       |
| <u>Generic DT based system</u>              | 632      | 4187                      | NA                              | NA             |
| <u>Intel Pentium T3200 @ 2.00GHz</u>        | 631      | 4188                      | 52.58                           | \$12.00*       |
| <u>AMD Athlon 64 X2 Dual Core 3800+</u>     | 629      | 4189                      | NA                              | NA             |
| <u>Intel Core2 Duo T5800 @ 2.00GHz</u>      | 628      | 4190                      | NA                              | NA             |
| <u>ARM Cortex-A72 4 Core 1500 MHz</u>       | 627      | 4192                      | NA                              | NA             |
| <u>Intel Core i5-430UM @ 1.20GHz</u>        | 627      | 4191                      | NA                              | NA             |
| <u>Intel Celeron E1500 @ 2.20GHz</u>        | 626      | 4193                      | 31.86                           | \$19.65*       |
| <u>ARM Cortex-A55 4 Core 1800 MHz</u>       | 625      | 4194                      | NA                              | NA             |
| <u>AMD Athlon 64 X2 QL-64</u>               | 624      | 4196                      | NA                              | NA             |
| <u>Intel Pentium U5600 @ 1.33GHz</u>        | 624      | 4195                      | NA                              | NA             |
| <u>Intel Pentium 957 @ 1.20GHz</u>          | 622      | 4197                      | 4.64                            | \$134.00*      |
| <u>Intel Atom Z3745 @ 1.33GHz</u>           | 621      | 4198                      | 20.72                           | \$30.00*       |
| <u>Intel Celeron N3000 @ 1.04GHz</u>        | 621      | 4199                      | NA                              | NA             |
| <u>AMD Athlon 64 X2 Dual-Core TK-57</u>     | 620      | 4200                      | NA                              | NA             |
| <u>AMD Turion II Neo K625 Dual-Core</u>     | 618      | 4202                      | NA                              | NA             |
| <u>MT6795MM</u>                             | 618      | 4201                      | NA                              | NA             |
| <u>Allwinner H618</u>                       | 617      | 4204                      | NA                              | NA             |
| <u>AMD Turion II Neo N40L Dual-Core</u>     | 617      | 4203                      | NA                              | NA             |
| <u>Intel Atom Z3740D @ 1.33GHz</u>          | 614      | 4205                      | NA                              | NA             |
| <u>AMD Turion X2 Dual-Core Mobile RM-70</u> | 612      | 4206                      | NA                              | NA             |
| <u>MediaTek MT6762V/CN</u>                  | 611      | 4207                      | NA                              | NA             |
| <u>Intel U4100 @ 1.30GHz</u>                | 610      | 4208                      | NA                              | NA             |
| <u>ARM Cortex-A72 4 Core 1000 MHz</u>       | 608      | 4209                      | NA                              | NA             |
| <u>Intel Core2 Duo L7700 @ 1.80GHz</u>      | 607      | 4210                      | NA                              | NA             |
| <u>MediaTek MT8163</u>                      | 606      | 4211                      | NA                              | NA             |
| <u>Intel Celeron N3050</u>                  | 605      | 4212                      | NA                              | NA             |

| CPU Name | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|----------|---------------------------|---------------------------------|----------------|
|----------|----------|---------------------------|---------------------------------|----------------|



## CPU Benchmarks

|   |     |      |       |           |
|---|-----|------|-------|-----------|
| <u>AMD Turion X2 Dual Core L510</u>                       | 603 | 4215 | NA    | NA        |
| <u>Qualcomm APQ8084</u>                                   | 603 | 4214 | NA    | NA        |
| <u>AMD E1 Micro-6200T APU</u>                             | 600 | 4216 | NA    | NA        |
| <u>AMD TurionX2 Ultra DualCore Mobile ZM-87</u>           | 599 | 4217 | NA    | NA        |
| <u>Celeron Dual-Core T3100 @ 1.90GHz</u>                  | 599 | 4218 | 18.73 | \$32.00   |
| <u>Intel Atom Z3745D @ 1.33GHz</u>                        | 599 | 4220 | NA    | NA        |
| <u>Samsung GrandPrimePlus LTE LTN DTV rev04 board bas</u> | 599 | 4219 | NA    | NA        |
| <u>AMD Athlon II X2 250u</u>                              | 598 | 4221 | 23.98 | \$24.95*  |
| <u>AMD Sempron 150</u>                                    | 597 | 4222 | 39.96 | \$14.95*  |
| <u>Intel Celeron J1750 @ 2.41GHz</u>                      | 595 | 4223 | NA    | NA        |
| <u>rk3566</u>   | 595 | 4224 | NA    | NA        |
| <u>AMD Athlon 64 X2 Dual Core BE-2300</u>                 | 594 | 4225 | NA    | NA        |
| <u>AMD Opteron 1212</u>                                   | 593 | 4227 | 2.04  | \$290.00* |
| <u>Intel Core2 Duo E4300 @ 1.80GHz</u>                    | 593 | 4226 | 15.20 | \$39.00   |
| <u>AMD E1-7010 APU</u>                                    | 592 | 4228 | NA    | NA        |
| <u>Mediatek MT8175B</u>                                   | 592 | 4229 | NA    | NA        |
| <u>AMD Athlon X2 Dual Core BE-2350</u>                    | 591 | 4230 | 6.23  | \$94.99*  |
| <u>AMD E1-2500 APU</u>                                    | 591 | 4231 | NA    | NA        |
| <u>Intel Core2 Duo T5470 @ 1.60GHz</u>                    | 590 | 4232 | NA    | NA        |
| <u>AMD Turion Dual-Core RM-74</u>                         | 588 | 4233 | NA    | NA        |
| <u>Intel Celeron N2840 @ 2.16GHz</u>                      | 587 | 4236 | NA    | NA        |
| <u>Intel Core2 Duo T5670 @ 1.80GHz</u>                    | 587 | 4235 | NA    | NA        |
| <u>Intel Pentium 2129Y @ 1.10GHz</u>                      | 587 | 4234 | 4.38  | \$134.00* |
| <u>Intel Celeron N3050 @ 1.60GHz</u>                      | 586 | 4237 | 3.45  | \$170.00* |
| <u>Intel Atom C2338 @ 1.74GHz</u>                         | 584 | 4239 | NA    | NA        |
| <u>Intel Celeron 847E @ 1.10GHz</u>                       | 584 | 4238 | NA    | NA        |
| <u>Intel Core2 Duo T5450 @ 1.66GHz</u>                    | 583 | 4240 | NA    | NA        |
| <u>AMD Athlon 64 X2 QL-67</u>                             | 582 | 4241 | NA    | NA        |
| <u>Intel Xeon MV 3.20GHz</u>                              | 582 | 4242 | NA    | NA        |
| <u>MT6761V/WD</u>   | 580 | 4243 | NA    | NA        |
| <u>Intel Celeron U3600 @ 1.20GHz</u>                      | 579 | 4244 | NA    | NA        |
| <u>Intel Atom C2358 @ 1.74GHz</u>                         | 578 | 4245 | NA    | NA        |
| <u>AMD Athlon 64 X2 Dual Core TK-40</u>                   | 577 | 4247 | NA    | NA        |
| <u>ARM Cortex-A7</u>                                      |     |      |       | NA        |



## CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">MediaTek MT6735</a>                                    | 577      | 4249                      | NA                              | NA             |
| <a href="#">Intel Celeron 1019Y @ 1.00GHz</a>                      | 576      | 4250                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 X2 Dual Core BE-2350</a>                 | 573      | 4251                      | NA                              | NA             |
| <a href="#">Intel Celeron @ 1.30GHz</a>                            | 572      | 4252                      | NA                              | NA             |
| <a href="#">MT8735P</a>  | 572      | 4253                      | NA                              | NA             |
| <a href="#">AMD E1-6015 APU</a>                                    | 571      | 4254                      | NA                              | NA             |
| <a href="#">AMD Athlon X2 Dual Core BE-2300</a>                    | 570      | 4255                      | 6.34                            | \$89.95*       |
| <a href="#">Intel Celeron G470 @ 2.00GHz</a>                       | 570      | 4257                      | 16.20                           | \$35.15*       |
| <a href="#">Intel Celeron J1800 @ 2.41GHz</a>                      | 570      | 4256                      | NA                              | NA             |
| <a href="#">Intel Celeron 857 @ 1.20GHz</a>                        | 569      | 4258                      | NA                              | NA             |
| <a href="#">Intel Pentium T2390 @ 1.86GHz</a>                      | 568      | 4259                      | NA                              | NA             |
| <a href="#">MT8765WA</a>   | 567      | 4260                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 X2 3800+</a>                             | 566      | 4262                      | NA                              | NA             |
| <a href="#">Intel Pentium T2410 @ 2.00GHz</a>                      | 566      | 4263                      | NA                              | NA             |
| <a href="#">Qualcomm MSM 8974 HAMMERHEAD (Flattened Device Tre</a> | 566      | 4261                      | NA                              | NA             |
| <a href="#">ap201</a>  | 565      | 4265                      | NA                              | NA             |
| <a href="#">Intel Atom Z3530 @ 1.33GHz</a>                         | 565      | 4264                      | NA                              | NA             |
| <a href="#">AMD Athlon X2 Dual Core 6850e</a>                      | 564      | 4266                      | NA                              | NA             |
| <a href="#">Intel Pentium D 830 @ 3.00GHz</a>                      | 564      | 4267                      | NA                              | NA             |
| <a href="#">Mediatek MT8765WA</a>                                  | 564      | 4268                      | NA                              | NA             |
| <a href="#">AMD Sempron Dual Core 2200</a>                         | 563      | 4269                      | 14.09                           | \$39.95*       |
| <a href="#">AMD Turion X2 Dual-Core Mobile RM-77</a>               | 562      | 4270                      | NA                              | NA             |
| <a href="#">Intel Celeron 867 @ 1.30GHz</a>                        | 562      | 4271                      | 10.08                           | \$55.69*       |
| <a href="#">AMD Turion Dual-Core RM-70</a>                         | 561      | 4272                      | 22.46                           | \$25.00*       |
| <a href="#">Qualcomm Technologies, Inc MSM8929</a>                 | 560      | 4273                      | NA                              | NA             |
| <a href="#">sun50iw1p1</a>   | 559      | 4274                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 X2 Dual-Core TK-53</a>                   | 558      | 4275                      | NA                              | NA             |
| <a href="#">Intel Pentium T2370 @ 1.73GHz</a>                      | 558      | 4276                      | 22.31                           | \$25.00*       |
| <a href="#">Intel Atom Z3735E @ 1.33GHz</a>                        | 557      | 4277                      | 4.76                            | \$117.00*      |
| <a href="#">AMD Athlon Neo X2 Dual Core L325</a>                   | 556      | 4279                      | NA                              | NA             |
| <a href="#">ARM Cortex-A53 4 Core 1704 MHz</a>                     | 556      | 4278                      | NA                              | NA             |
| <a href="#">AMD Sempron Dual Core 2300</a>                         | 555      | 4280                      | 13.22                           | \$41.99*       |
| <a href="#">Intel Core i3-3320M @ 1.86GHz</a>                      | 555      | 4281                      | NA                              | NA             |
| <a href="#">QCT APQ8064</a>  |          |                           |                                 | NA             |



## CPU Benchmarks



| CPU Name                                   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <u>Intel Pentium U5400 @ 1.20GHz</u>       | 552      | 4284                      | NA                              | NA             |
| <u>AMD Sempron 2650 APU</u>                | 551      | 4285                      | 5.82                            | \$94.69*       |
| <u>Intel Celeron T1600 @ 1.66GHz</u>       | 551      | 4286                      | 27.55                           | \$19.99*       |
| <u>Intel Core2 Duo T5250 @ 1.50GHz</u>     | 549      | 4287                      | 6.11                            | \$89.95*       |
| <u>Intel Core2 Duo T5500 @ 1.66GHz</u>     | 548      | 4289                      | NA                              | NA             |
| <u>Intel T1400 @ 1.73GHz</u>               | 548      | 4288                      | 36.56                           | \$15.00*       |
| <u>Intel T1500 @ 1.86GHz</u>               | 548      | 4290                      | NA                              | NA             |
| <u>Intel Celeron G465 @ 1.90GHz</u>        | 547      | 4291                      | 13.69                           | \$40.00        |
| <u>Intel Celeron N2830 @ 2.16GHz</u>       | 546      | 4292                      | 3.64                            | \$149.99*      |
| <u>Intel Atom Z3735F @ 1.33GHz</u>         | 541      | 4293                      | 1.08                            | \$500.00*      |
| <u>Intel Pentium E2140 @ 1.60GHz</u>       | 539      | 4294                      | 13.48                           | \$40.00        |
| <u>Intel Pentium T2330 @ 1.60GHz</u>       | 538      | 4296                      | 5.98                            | \$89.95*       |
| <u>mt6762m</u>                             | 538      | 4295                      | NA                              | NA             |
| <u>SAMSUNG JF</u>                          | 537      | 4297                      | NA                              | NA             |
| <u>AMD TurionX2 Dual Core Mobile RM-70</u> | 536      | 4298                      | NA                              | NA             |
| <u>Intel Core2 Duo L7300 @ 1.40GHz</u>     | 536      | 4299                      | NA                              | NA             |
| <u>AMD E1-6010 APU</u>                     | 535      | 4300                      | NA                              | NA             |
| <u>Spreadtrum SC9832E</u>                  | 535      | 4301                      | NA                              | NA             |
| <u>AMD Turion 64 X2 Mobile TL-52</u>       | 534      | 4302                      | NA                              | NA             |
| <u>AMD Sempron Dual Core 2100</u>          | 533      | 4303                      | 14.04                           | \$37.99*       |
| <u>MT6739CH</u>                            | 533      | 4304                      | NA                              | NA             |
| <u>MT8167D</u>                             | 532      | 4305                      | NA                              | NA             |
| <u>AMD Athlon 64 X2 Dual Core 3400+</u>    | 531      | 4306                      | NA                              | NA             |
| <u>AMD Opteron 165</u>                     | 531      | 4307                      | 0.61                            | \$868.54*      |
| <u>Intel Pentium T2310 @ 1.46GHz</u>       | 531      | 4308                      | NA                              | NA             |
| <u>Intel Core2 Duo T5300 @ 1.73GHz</u>     | 530      | 4309                      | NA                              | NA             |
| <u>AMD Athlon Neo X2 Dual Core L335</u>    | 529      | 4310                      | NA                              | NA             |
| <u>MT6737H</u>                             | 528      | 4311                      | NA                              | NA             |
| <u>Qualcomm Technologies, Inc MSM8917</u>  | 528      | 4312                      | NA                              | NA             |
| <u>AMD Athlon II Neo K345 Dual-Core</u>    | 527      | 4313                      | NA                              | NA             |
| <u>Intel Atom S1260 @ 2.00GHz</u>          | 526      | 4314                      | 8.22                            | \$64.00*       |
| <u>AMD Athlon 64 X2 QL-62</u>              | 525      | 4315                      | NA                              | NA             |
| <u>Intel Core2 Duo T5300 @ 1.73GHz</u>     | 522      | 4317                      | NA                              | NA             |
| <u>Qualcomm Tec</u>                        |          |                           |                                 | NA             |



CPU Benchmarks ▼

| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Atom C2350 @ 1.74GHz</a>                 | 520      | 4319                      | 12.10                           | \$43.00*       |
| <a href="#">AMD Athlon 64 X2 Dual-Core TK-55</a>           | 518      | 4320                      | 7.13                            | \$72.74*       |
| <a href="#">AMD Sempron 145</a>                            | 518      | 4321                      | 12.95                           | \$39.99*       |
| <a href="#">AMD Athlon 64 FX-57</a>                        | 517      | 4322                      | NA                              | NA             |
| <a href="#">Intel Celeron E1200 @ 1.60GHz</a>              | 516      | 4323                      | 5.21                            | \$98.95        |
| <a href="#">Intel Celeron U3400 @ 1.07GHz</a>              | 516      | 4325                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo L7400 @ 1.50GHz</a>            | 516      | 4326                      | NA                              | NA             |
| <a href="#">Intel T2050 @ 2.00GHz</a>                      | 516      | 4324                      | NA                              | NA             |
| <a href="#">AMD Turion 64 X2 Mobile TL-56</a>              | 514      | 4327                      | 7.86                            | \$65.40*       |
| <a href="#">ARM Cortex-A53 4 Core 1800 MHz</a>             | 513      | 4328                      | NA                              | NA             |
| <a href="#">AMD Sempron 130</a>                            | 511      | 4330                      | 17.03                           | \$30.00*       |
| <a href="#">Intel Atom D2701 @ 2.13GHz</a>                 | 511      | 4329                      | NA                              | NA             |
| <a href="#">Intel Celeron N2808 @ 1.58GHz</a>              | 510      | 4331                      | NA                              | NA             |
| <a href="#">MT8161P</a>                                    | 508      | 4332                      | NA                              | NA             |
| <a href="#">Rockchip RK3288 (Flattened Device Tree)</a>    | 508      | 4333                      | NA                              | NA             |
| <a href="#">AMD Turion X2 Ultra Dual-Core Mobile ZM-80</a> | 506      | 4334                      | 10.14                           | \$49.95*       |
| <a href="#">Intel Core2 Duo SU9400 @ 1.40GHz</a>           | 503      | 4335                      | NA                              | NA             |
| <a href="#">Intel Celeron N2820 @ 2.13GHz</a>              | 502      | 4336                      | 2.23                            | \$225.00*      |
| <a href="#">ARM Cortex-A53 4 Core 2016 MHz</a>             | 500      | 4337                      | NA                              | NA             |
| <a href="#">Intel Core Duo T2700 @ 2.33GHz</a>             | 498      | 4338                      | NA                              | NA             |
| <a href="#">sun50iw6</a>                                   | 498      | 4340                      | NA                              | NA             |
| <a href="#">Unisoc SC9832e</a>                             | 498      | 4339                      | NA                              | NA             |
| <a href="#">AMD Turion X2 Dual Core Mobile RM-70</a>       | 497      | 4341                      | 3.75                            | \$132.56*      |
| <a href="#">AMD E2-2000 APU</a>                            | 496      | 4342                      | NA                              | NA             |
| <a href="#">Intel Atom Z3736F @ 1.33GHz</a>                | 496      | 4343                      | NA                              | NA             |
| <a href="#">Intel Celeron N2815 @ 1.86GHz</a>              | 495      | 4345                      | NA                              | NA             |
| <a href="#">MT8735</a>                                     | 495      | 4344                      | NA                              | NA             |
| <a href="#">Intel Pentium SU4100 @ 1.30GHz</a>             | 492      | 4346                      | NA                              | NA             |
| <a href="#">Rockchip RK3328 box liantong avb</a>           | 491      | 4347                      | NA                              | NA             |
| <a href="#">Intel Celeron N2806 @ 1.60GHz</a>              | 489      | 4348                      | NA                              | NA             |
| <a href="#">Intel Atom Z3770D @ 1.49GHz</a>                | 488      | 4349                      | NA                              | NA             |
| <a href="#">AMD Athlon II Neo N36L Dual-Core</a>           | 487      | 4351                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies Inc MSM8990</a>          | 487      | 4350                      | NA                              | NA             |
| <a href="#">AMD E-350DA</a>                                |          |                           |                                 | NA             |



## CPU Benchmarks

| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Celeron N2807 @ 1.58GHz</a>               | 486      | 4353                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 3100+</a>                         | 484      | 4355                      | NA                              | NA             |
| <a href="#">AMD G-T56N</a>                                  | 484      | 4356                      | NA                              | NA             |
| <a href="#">AMD Turion 64 X2 Mobile TL-58</a>               | 483      | 4357                      | NA                              | NA             |
| <a href="#">Intel Celeron 847 @ 1.10GHz</a>                 | 482      | 4359                      | 1.53                            | \$315.00*      |
| <a href="#">Intel Celeron SU2300 @ 1.20GHz</a>              | 482      | 4358                      | NA                              | NA             |
| <a href="#">Intel Xeon 3.20GHz</a>                          | 478      | 4360                      | NA                              | NA             |
| <a href="#">MT8167A</a>                                     | 478      | 4361                      | NA                              | NA             |
| <a href="#">Intel Celeron 925 @ 2.30GHz</a>                 | 477      | 4362                      | NA                              | NA             |
| <a href="#">AMD E1-2200 APU</a>                             | 474      | 4364                      | NA                              | NA             |
| <a href="#">AMD Turion 64 X2 Mobile TL-50</a>               | 474      | 4363                      | 24.97                           | \$18.99*       |
| <a href="#">AMD TurionX2 Dual Core Mobile RM-72</a>         | 471      | 4366                      | NA                              | NA             |
| <a href="#">ARM Cortex-A53 4 Core 1512 MHz</a>              | 471      | 4365                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo T5200 @ 1.60GHz</a>             | 470      | 4367                      | NA                              | NA             |
| <a href="#">Samsung Exynos 7570</a>                         | 470      | 4368                      | NA                              | NA             |
| <a href="#">Intel Celeron G460 @ 1.80GHz</a>                | 469      | 4369                      | 9.38                            | \$50.00        |
| <a href="#">Intel Pentium Extreme Edition 955 @ 3.46GHz</a> | 469      | 4370                      | 15.02                           | \$31.23*       |
| <a href="#">Intel Atom D2700 @ 2.13GHz</a>                  | 467      | 4372                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo L7100 @ 1.20GHz</a>             | 467      | 4371                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 FX-59</a>                         | 465      | 4374                      | NA                              | NA             |
| <a href="#">Intel Pentium D 915 @ 2.80GHz</a>               | 465      | 4375                      | NA                              | NA             |
| <a href="#">MediaTek MT6737</a>                             | 465      | 4373                      | NA                              | NA             |
| <a href="#">Intel Atom E3827 @ 1.74GHz</a>                  | 463      | 4377                      | NA                              | NA             |
| <a href="#">Rockchip rk3326 evb board</a>                   | 463      | 4376                      | NA                              | NA             |
| <a href="#">ARM Cortex-A53 4 Core 1608 MHz</a>              | 462      | 4378                      | NA                              | NA             |
| <a href="#">ARM Cortex-A55 4 Core 1416 MHz</a>              | 460      | 4379                      | NA                              | NA             |
| <a href="#">Intel Core Duo T2600 @ 2.16GHz</a>              | 460      | 4380                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc QM215</a>            | 458      | 4381                      | NA                              | NA             |
| <a href="#">AMD Opteron 154</a>                             | 457      | 4382                      | NA                              | NA             |
| <a href="#">AMD Athlon Neo X2 Dual Core 6850e</a>           | 456      | 4383                      | NA                              | NA             |
| <a href="#">ARM Cortex-A53 4 Core 1600 MHz</a>              | 453      | 4385                      | NA                              | NA             |
| <a href="#">QCT APQ8064 DEB</a>                             | 453      | 4384                      | NA                              | NA             |
| <a href="#">AMD Opteron 254</a>                             | 451      | 4386                      | NA                              | NA             |
| <a href="#">AMD E2-1800</a>                                 |          |                           |                                 | NA             |



## CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">AMD G-T56E</a>   | 442      | 4389                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo U9300 @ 1.20GHz</a>                    | 440      | 4390                      | NA                              | NA             |
| <a href="#">ARM Cortex-A53 4 Core 1300 MHz</a>                     | 438      | 4392                      | NA                              | NA             |
| <a href="#">MediaTek MT6739WW</a>                                  | 438      | 4391                      | NA                              | NA             |
| <a href="#">AMD E-450 APU</a>                                      | 437      | 4393                      | NA                              | NA             |
| <a href="#">Intel Atom D2560 @ 2.00GHz</a>                         | 433      | 4394                      | NA                              | NA             |
| <a href="#">AMD Turion Neo X2 Dual Core L625</a>                   | 432      | 4395                      | NA                              | NA             |
| <a href="#">AMD Athlon LE-1640</a>                                 | 430      | 4396                      | 4.78                            | \$89.95        |
| <a href="#">Intel Core2 Duo U7700 @ 1.33GHz</a>                    | 429      | 4397                      | NA                              | NA             |
| <a href="#">MT8127</a>   | 429      | 4398                      | NA                              | NA             |
| <a href="#">AMD Opteron 152</a>                                    | 428      | 4399                      | NA                              | NA             |
| <a href="#">Sony Mobile fusion3</a>                                | 428      | 4400                      | NA                              | NA             |
| <a href="#">AMD G-T48E</a>   | 427      | 4402                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo T5270 @ 1.40GHz</a>                    | 427      | 4403                      | NA                              | NA             |
| <a href="#">MediaTek MT6737M</a>                                   | 427      | 4401                      | NA                              | NA             |
| <a href="#">Intel Celeron G440 @ 1.60GHz</a>                       | 425      | 4404                      | 1.66                            | \$256.41*      |
| <a href="#">Intel Xeon 3.00GHz</a>                                 | 425      | 4405                      | NA                              | NA             |
| <a href="#">Qualcomm MSM8916</a>                                   | 424      | 4406                      | NA                              | NA             |
| <a href="#">AMD E-350 APU</a>                                      | 423      | 4407                      | NA                              | NA             |
| <a href="#">AMD V140</a>   | 422      | 4409                      | 10.57                           | \$39.95*       |
| <a href="#">Rockchip RK3326</a>                                    | 422      | 4408                      | NA                              | NA             |
| <a href="#">AMD Athlon LE-1620</a>                                 | 421      | 4410                      | 23.40                           | \$18.00*       |
| <a href="#">AMD E-350</a>  | 421      | 4411                      | NA                              | NA             |
| <a href="#">MT8765WB</a>   | 419      | 4412                      | NA                              | NA             |
| <a href="#">MediaTek MT8735B</a>                                   | 418      | 4413                      | NA                              | NA             |
| <a href="#">AMD Athlon II Neo K325 Dual-Core</a>                   | 417      | 4416                      | 16.04                           | \$25.99*       |
| <a href="#">AMD Sempron LE-1300</a>                                | 417      | 4415                      | 15.44                           | \$27.00*       |
| <a href="#">ARM Cortex-A53 4 Core 1392 MHz</a>                     | 417      | 4414                      | NA                              | NA             |
| <a href="#">AMD Athlon LE-1660</a>                                 | 416      | 4417                      | NA                              | NA             |
| <a href="#">ARM Cortex-A53 4 Core 1296 MHz</a>                     | 416      | 4418                      | NA                              | NA             |
| <a href="#">Intel Celeron 450 @ 2.20GHz</a>                        | 415      | 4420                      | 1.39                            | \$299.00*      |
| <a href="#">Samsung GrandPrimePlus LTE LTN OPEN rev04 board ba</a> | 415      | 4419                      | NA                              | NA             |
| <a href="#">AMD Athlon 1640</a>                                    | 413      | 4422                      | 2.22                            | \$50.00*       |
| <a href="#">AMD Athlon LE</a>                                      |          |                           |                                 | \$21.00*       |



## CPU Benchmarks



| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Atom D2550 @ 1.86GHz</a>            | 409      | 4424                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc QCM2150</a>    | 409      | 4425                      | NA                              | NA             |
| <a href="#">Intel Core Duo T2500 @ 2.00GHz</a>        | 408      | 4426                      | 3.40                            | \$119.99*      |
| <a href="#">ARM Cortex-A53 4 Core 1199 MHz</a>        | 407      | 4427                      | NA                              | NA             |
| <a href="#">AMD A4-1250 APU</a>                       | 406      | 4431                      | NA                              | NA             |
| <a href="#">Intel Atom D510 @ 1.66GHz</a>             | 406      | 4432                      | 4.18                            | \$97.16*       |
| <a href="#">Intel Atom E3805 @ 1.33GHz</a>            | 406      | 4430                      | 20.31                           | \$20.00*       |
| <a href="#">Intel Celeron 900 @ 2.20GHz</a>           | 406      | 4428                      | 21.39                           | \$18.99*       |
| <a href="#">Qualcomm Technologies, Inc APQ8016</a>    | 406      | 4429                      | NA                              | NA             |
| <a href="#">AMD E1-2100 APU</a>                       | 405      | 4435                      | NA                              | NA             |
| <a href="#">Intel Atom D525 @ 1.80GHz</a>             | 405      | 4434                      | NA                              | NA             |
| <a href="#">Intel Xeon 5110 @ 1.60GHz</a>             | 405      | 4433                      | 11.57                           | \$35.00*       |
| <a href="#">AMD Athlon 64 FX-55</a>                   | 404      | 4436                      | 6.22                            | \$65.00*       |
| <a href="#">Intel Core Duo L2500 @ 1.83GHz</a>        | 404      | 4438                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc MSM8916</a>    | 404      | 4437                      | NA                              | NA             |
| <a href="#">ARM ARMv7 rev 4 (v7I) 4 Core 1200 MHz</a> | 403      | 4439                      | NA                              | NA             |
| <a href="#">Intel Xeon 3.60GHz</a>                    | 403      | 4440                      | 0.47                            | \$851.00*      |
| <a href="#">MediaTek MT8167B</a>                      | 403      | 4441                      | NA                              | NA             |
| <a href="#">AMD Geode NX 2400+</a>                    | 400      | 4444                      | NA                              | NA             |
| <a href="#">AMD Turion 64 Mobile ML-42</a>            | 400      | 4443                      | NA                              | NA             |
| <a href="#">Intel Core i7-2630UM @ 1.60GHz</a>        | 400      | 4442                      | NA                              | NA             |
| <a href="#">VIA Nano X2 U4025 @ 1.2 GHz</a>           | 400      | 4445                      | NA                              | NA             |
| <a href="#">ARM ARMv7 rev 4 (v7I) 4 Core 1400 MHz</a> | 399      | 4447                      | NA                              | NA             |
| <a href="#">QCT APQ8064 MAKO</a>                      | 399      | 4446                      | NA                              | NA             |
| <a href="#">AMD E1-1500 APU</a>                       | 398      | 4448                      | NA                              | NA             |
| <a href="#">MediaTek MT6739WA</a>                     | 395      | 4449                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 3700+</a>                   | 394      | 4451                      | 4.38                            | \$89.95*       |
| <a href="#">MT6580</a>                                | 394      | 4450                      | NA                              | NA             |
| <a href="#">AMD Opteron 150</a>                       | 393      | 4452                      | 1.11                            | \$352.94       |
| <a href="#">Intel Xeon 3.80GHz</a>                    | 393      | 4453                      | 0.46                            | \$851.00*      |
| <a href="#">AMD Opteron 148</a>                       | 392      | 4454                      | NA                              | NA             |
| <a href="#">Intel Celeron 807 @ 1.50GHz</a>           | 392      | 4456                      | NA                              | NA             |
| <a href="#">Intel Core2 Duo E1750 @ 1.60GHz</a>       | 392      | 4455                      | NA                              | NA             |
| <a href="#">Rockchip RK33</a>                         |          |                           |                                 | NA             |



CPU Benchmarks



| CPU Name                                | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <u>QCT APQ8064 MTP</u>                  | 389      | 4459                      | NA                              | NA             |
| <u>MT8735M</u>                          | 388      | 4460                      | NA                              | NA             |
| <u>Intel Core Duo L2300 @ 1.50GHz</u>   | 387      | 4461                      | NA                              | NA             |
| <u>ARM Cortex-A53 4 Core 1368 MHz</u>   | 385      | 4464                      | NA                              | NA             |
| <u>Intel Core Duo T2350 @ 1.86GHz</u>   | 385      | 4462                      | NA                              | NA             |
| <u>Intel Pentium 4 3.73GHz</u>          | 385      | 4463                      | NA                              | NA             |
| <u>AMD Turion 64 Mobile ML-44</u>       | 384      | 4465                      | NA                              | NA             |
| <u>Intel Pentium T2130 @ 1.86GHz</u>    | 382      | 4466                      | NA                              | NA             |
| <u>QCT APQ8064 AWIFI</u>                | 382      | 4467                      | NA                              | NA             |
| <u>AMD E1-1200 APU</u>                  | 380      | 4468                      | NA                              | NA             |
| <u>Intel Atom E3825 @ 1.33GHz</u>       | 378      | 4470                      | 5.37                            | \$70.32*       |
| <u>Qualcomm MSM8212</u>                 | 378      | 4469                      | NA                              | NA             |
| <u>AMD Athlon 64 3500+</u>              | 377      | 4472                      | 4.71                            | \$79.95*       |
| <u>Intel Celeron N2810 @ 2.00GHz</u>    | 377      | 4471                      | 2.70                            | \$139.99*      |
| <u>AMD Athlon 64 3300+</u>              | 375      | 4473                      | NA                              | NA             |
| <u>Intel Xeon 3.40GHz</u>               | 375      | 4474                      | NA                              | NA             |
| <u>Intel Pentium D 805 @ 2.66GHz</u>    | 374      | 4476                      | NA                              | NA             |
| <u>MT6735P</u>                          | 374      | 4475                      | NA                              | NA             |
| <u>Intel Celeron D 360 @ 3.46GHz</u>    | 372      | 4477                      | NA                              | NA             |
| <u>Intel Celeron 827E @ 1.40GHz</u>     | 371      | 4478                      | NA                              | NA             |
| <u>AMD A4-1200 APU</u>                  | 369      | 4479                      | NA                              | NA             |
| <u>Intel Celeron 440 @ 2.00GHz</u>      | 368      | 4480                      | 8.19                            | \$44.95        |
| <u>Qualcomm MSM8928</u>                 | 367      | 4481                      | NA                              | NA             |
| <u>Rockchip rk3326 863 rkisp1 board</u> | 365      | 4482                      | NA                              | NA             |
| <u>AMD Sempron 3600+</u>                | 364      | 4483                      | 24.24                           | \$15.00*       |
| <u>Intel Atom 330 @ 1.60GHz</u>         | 363      | 4484                      | NA                              | NA             |
| <u>AMD Turion 64 Mobile MK-38</u>       | 362      | 4486                      | NA                              | NA             |
| <u>Intel Core Duo T2400 @ 1.83GHz</u>   | 362      | 4485                      | 22.64                           | \$16.00*       |
| <u>AMD Sempron 3800+</u>                | 360      | 4487                      | 24.03                           | \$14.99*       |
| <u>Intel Atom N2600 @ 1.60GHz</u>       | 360      | 4488                      | NA                              | NA             |
| <u>AMD Athlon II 160u</u>               | 358      | 4490                      | 11.93                           | \$29.99*       |
| <u>Intel Pentium 4 3.80GHz</u>          | 358      | 4489                      | NA                              | NA             |
| <u>AMD Athlon X2 Dual Core 3250+</u>    | 357      | 4491                      | NA                              | NA             |
| <u>Manta</u>                            |          |                           |                                 | NA             |



## CPU Benchmarks



| CPU Name                                  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <u>AMD Athlon II 170u</u>                 | 355      | 4494                      | 14.78                           | \$24.00*       |
| <u>ARM Cortex-A7 4 Core 1368 MHz</u>      | 354      | 4495                      | NA                              | NA             |
| <u>Nakamichi</u>                          | 353      | 4496                      | NA                              | NA             |
| <u>AMD V120</u>                           | 352      | 4497                      | NA                              | NA             |
| <u>Intel Core Duo T2250 @ 1.73GHz</u>     | 350      | 4498                      | NA                              | NA             |
| <u>AMD Sempron LE-1200</u>                | 349      | 4499                      | 23.32                           | \$14.95*       |
| <u>Intel Core Duo L2400 @ 1.66GHz</u>     | 348      | 4500                      | NA                              | NA             |
| <u>Intel Core2 Duo U7600 @ 1.20GHz</u>    | 347      | 4501                      | NA                              | NA             |
| <u>AMD Opteron 146</u>                    | 346      | 4502                      | 1.57                            | \$220.53       |
| <u>Intel Celeron 570 @ 2.26GHz</u>        | 344      | 4505                      | NA                              | NA             |
| <u>Mobile Intel Pentium 4 3.33GHz</u>     | 344      | 4504                      | NA                              | NA             |
| <u>Qualcomm MSM8226</u>                   | 344      | 4503                      | NA                              | NA             |
| <u>ARM Cortex-A7 4 Core 1300 MHz</u>      | 343      | 4506                      | NA                              | NA             |
| <u>ARM Cortex-A53 4 Core 1152 MHz</u>     | 342      | 4507                      | NA                              | NA             |
| <u>Intel 2.80GHz</u>                      | 341      | 4508                      | NA                              | NA             |
| <u>Intel Atom N570 @ 1.66GHz</u>          | 341      | 4510                      | 3.96                            | \$86.00*       |
| <u>Intel Pentium T2080 @ 1.73GHz</u>      | 341      | 4511                      | 2.27                            | \$149.95*      |
| <u>Qualcomm Technologies, Inc APQ8009</u> | 341      | 4509                      | NA                              | NA             |
| <u>AMD Athlon 64 4000+</u>                | 340      | 4513                      | 3.40                            | \$99.95*       |
| <u>ARM Cortex-A53 4 Core 1500 MHz</u>     | 340      | 4512                      | NA                              | NA             |
| <u>AMD E-300 APU</u>                      | 339      | 4514                      | NA                              | NA             |
| <u>Intel Celeron 560 @ 2.13GHz</u>        | 339      | 4515                      | 4.84                            | \$69.95*       |
| <u>AMD Athlon TF-36</u>                   | 338      | 4516                      | NA                              | NA             |
| <u>MT6739WM</u>                           | 338      | 4517                      | NA                              | NA             |
| <u>Unisoc SC7731e</u>                     | 338      | 4518                      | NA                              | NA             |
| <u>AMD V160</u>                           | 337      | 4519                      | NA                              | NA             |
| <u>AMD Turion 64 Mobile ML-40</u>         | 336      | 4520                      | NA                              | NA             |
| <u>ARM Cortex-A72 4 Core 1750 MHz</u>     | 335      | 4523                      | NA                              | NA             |
| <u>Intel Celeron N2805 @ 1.46GHz</u>      | 335      | 4524                      | NA                              | NA             |
| <u>Mobile AMD Sempron 3800+</u>           | 335      | 4521                      | NA                              | NA             |
| <u>sun8iw11p1</u>                         | 335      | 4522                      | NA                              | NA             |
| <u>AMD Athlon 64 3000+</u>                | 334      | 4529                      | 16.68                           | \$20.00*       |
| <u>AMD Turion 64 Mobile ML-28</u>         | 334      | 4528                      | NA                              | NA             |
| <u>AMD Turion 64</u>                      |          |                           |                                 | \$25.99*       |

| CPU Name | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|----------|---------------------------|---------------------------------|----------------|
|----------|----------|---------------------------|---------------------------------|----------------|



## CPU Benchmarks

|   |     |      |       |          |
|---|-----|------|-------|----------|
| <u>Intel Celeron 550 @ 2.00GHz</u>                        | 334 | 4525 | 6.09  | \$54.95* |
| <u>AMD Athlon 2850e</u>                                   | 333 | 4531 | NA    | NA       |
| <u>Intel Core Duo T2050 @ 1.60GHz</u>                     | 333 | 4532 | NA    | NA       |
| <u>Mobile AMD Athlon 64 3400+</u>                         | 333 | 4530 | NA    | NA       |
| <u>AMD Sempron M100</u>                                   | 332 | 4534 | 27.66 | \$12.00* |
| <u>Qualcomm APQ8026</u>                                   | 332 | 4533 | NA    | NA       |
| <u>Qualcomm MSM8228</u>                                   | 332 | 4535 | NA    | NA       |
| <u>Intel Pentium 4 3.20GHz</u>                            | 330 | 4536 | NA    | NA       |
| <u>Intel Pentium T2060 @ 1.60GHz</u>                      | 330 | 4537 | NA    | NA       |
| <u>AMD Athlon X2 Dual Core L310</u>                       | 329 | 4538 | NA    | NA       |
| <u>ARM Cortex-A35 4 Core 1200 MHz</u>                     | 329 | 4539 | NA    | NA       |
| <u>VIA Eden X2 U4200 @ 1.0+ GHz</u>                       | 327 | 4540 | NA    | NA       |
| <u>Mobile AMD Athlon 64 3200+</u>                         | 326 | 4541 | NA    | NA       |
| <u>ARM ARMv7 rev 5 (v7I) 4 Core 1200 MHz</u>              | 325 | 4542 | NA    | NA       |
| <u>Intel Core Duo T2300 @ 1.66GHz</u>                     | 325 | 4543 | NA    | NA       |
| <u>AMD Turion 64 Mobile ML-34</u>                         | 319 | 4544 | NA    | NA       |
| <u>Rockchip RK3328</u>                                    | 319 | 4545 | NA    | NA       |
| <u>ARM Cortex-A57 2 Core 1479 MHz</u>                     | 318 | 4546 | NA    | NA       |
| <u>Spreadtrum SC7731e</u>                                 | 318 | 4547 | NA    | NA       |
| <u>AMD Athlon 64 3400+</u>                                | 317 | 4548 | 3.17  | \$99.95* |
| <u>Intel Pentium 4 3.00GHz</u>                            | 317 | 4549 | NA    | NA       |
| <u>AMD C-60 APU</u>                                       | 316 | 4551 | NA    | NA       |
| <u>AMD Opteron 144</u>                                    | 316 | 4550 | 10.55 | \$29.95* |
| <u>AMD Athlon II Neo K125</u>                             | 315 | 4552 | NA    | NA       |
| <u>AMD C-70 APU</u>                                       | 315 | 4555 | NA    | NA       |
| <u>AMD Sempron 3300+</u>                                  | 315 | 4556 | 15.74 | \$20.00* |
| <u>AMD Sempron LE-1100</u>                                | 315 | 4553 | 9.02  | \$34.95* |
| <u>Intel Pentium 4 3.60GHz</u>                            | 315 | 4554 | NA    | NA       |
| <u>ARM Cortex-A72 4 Core 2800 MHz</u>                     | 314 | 4557 | NA    | NA       |
| <u>Intel Celeron D 420 @ 1.60GHz</u>                      | 313 | 4558 | NA    | NA       |
| <u>Mobile AMD Athlon 64 4000+</u>                         | 313 | 4559 | NA    | NA       |
| <u>Samsung GrandPrimePlus LTE CIS rev04 board based o</u> | 312 | 4560 | NA    | NA       |
| <u>ARM Cortex-A52 4 Core 1000 MHz</u>                     | 310 | 4564 | NA    | NA       |
| <u>MT6735M</u>  |     |      |       | NA       |



## CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">msm8960dt</a>                          | 306      | 4564                      | NA                              | NA             |
| <a href="#">UNIVERSAL3475</a>                      | 306      | 4565                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 3200+</a>                | 305      | 4567                      | 2.03                            | \$149.95*      |
| <a href="#">AMD Z-01</a>                           | 305      | 4568                      | NA                              | NA             |
| <a href="#">Intel Celeron 540 @ 1.86GHz</a>        | 305      | 4566                      | 14.56                           | \$20.95*       |
| <a href="#">Intel Atom E3826 @ 1.46GHz</a>         | 304      | 4569                      | NA                              | NA             |
| <a href="#">Intel Celeron M 530 @ 1.73GHz</a>      | 302      | 4570                      | NA                              | NA             |
| <a href="#">AMD Sempron LE-1250</a>                | 301      | 4571                      | 3.01                            | \$99.99*       |
| <a href="#">AMD G-T40N</a>                         | 299      | 4572                      | NA                              | NA             |
| <a href="#">AMD Athlon II Neo K145</a>             | 298      | 4576                      | NA                              | NA             |
| <a href="#">AMD Sempron 3100+</a>                  | 298      | 4575                      | 4.58                            | \$65.00*       |
| <a href="#">Intel Atom Z2760 @ 1.80GHz</a>         | 298      | 4573                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 3.40GHz</a>            | 298      | 4574                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 2800+</a>                | 295      | 4578                      | 2.95                            | \$99.99*       |
| <a href="#">ARM Cortex-A53 4 Core 1400 MHz</a>     | 295      | 4579                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 3.46GHz</a>            | 295      | 4577                      | NA                              | NA             |
| <a href="#">Mobile AMD Sempron 3300+</a>           | 294      | 4581                      | NA                              | NA             |
| <a href="#">Qualcomm MSM8626</a>                   | 294      | 4580                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 3800+</a>                | 292      | 4582                      | 2.23                            | \$131.01*      |
| <a href="#">AMD Sempron 3400+</a>                  | 292      | 4583                      | 3.37                            | \$86.68*       |
| <a href="#">Intel Pentium M 2.10GHz</a>            | 292      | 4585                      | NA                              | NA             |
| <a href="#">Qualcomm Technologies, Inc MSM8216</a> | 292      | 4584                      | NA                              | NA             |
| <a href="#">AMD Athlon 2800+</a>                   | 291      | 4586                      | 2.65                            | \$109.95*      |
| <a href="#">Qualcomm Technologies, Inc MSM8909</a> | 291      | 4587                      | NA                              | NA             |
| <a href="#">AMD C-60</a>                           | 290      | 4588                      | NA                              | NA             |
| <a href="#">AMD G-T40E</a>                         | 289      | 4589                      | NA                              | NA             |
| <a href="#">AMD Sempron SI-40</a>                  | 288      | 4591                      | 24.02                           | \$12.00*       |
| <a href="#">ARM Cortex-A53 4 Core 1200 MHz</a>     | 288      | 4590                      | NA                              | NA             |
| <a href="#">AMD Sempron 3000+</a>                  | 286      | 4593                      | 8.18                            | \$34.95*       |
| <a href="#">AMD Turion 64 Mobile MT-32</a>         | 286      | 4592                      | NA                              | NA             |
| <a href="#">Qualcomm MSM8926</a>                   | 286      | 4594                      | NA                              | NA             |
| <a href="#">AMD Turion 64 Mobile ML-32</a>         | 285      | 4595                      | NA                              | NA             |
| <a href="#">Mobile AMD Sempron 3600+</a>           | 284      | 4596                      | NA                              | NA             |
| <a href="#">Intel Atom N550</a>                    | 284      | 4597                      | NA                              | \$86.00*       |



## CPU Benchmarks



| CPU Name                             | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--------------------------------------|----------|---------------------------|---------------------------------|----------------|
| <u>AMD Athlon XP 3200+</u>           | 281      | 4599                      | NA                              | NA             |
| <u>Intel Celeron 430 @ 1.80GHz</u>   | 280      | 4601                      | 8.00                            | \$34.99        |
| <u>Intel Pentium M 1.80GHz</u>       | 280      | 4600                      | NA                              | NA             |
| <u>AMD Turion 64 Mobile MT-34</u>    | 279      | 4603                      | NA                              | NA             |
| <u>ARM Cortex-A72 4 Core 800 MHz</u> | 279      | 4602                      | NA                              | NA             |
| <u>VIA Nano L2100@1800MHz</u>        | 279      | 4604                      | NA                              | NA             |
| <u>ARM Cortex-A7 4 Core 1000 MHz</u> | 278      | 4605                      | NA                              | NA             |
| <u>AMD Turion 64 Mobile ML-30</u>    | 277      | 4607                      | NA                              | NA             |
| <u>Mobile AMD Sempron 3100+</u>      | 277      | 4606                      | NA                              | NA             |
| <u>AMD Athlon XP 2900+</u>           | 276      | 4608                      | NA                              | NA             |
| <u>AMD Athlon Neo MV-40</u>          | 275      | 4610                      | NA                              | NA             |
| <u>Intel Celeron 743 @ 1.30GHz</u>   | 275      | 4609                      | NA                              | NA             |
| <u>AMD Athlon 2650e</u>              | 274      | 4612                      | 14.43                           | \$19.00*       |
| <u>AMD Turion 64 Mobile MT-37</u>    | 274      | 4611                      | NA                              | NA             |
| <u>Intel Celeron D 352 @ 3.20GHz</u> | 274      | 4613                      | NA                              | NA             |
| <u>Intel Pentium M 2.00GHz</u>       | 270      | 4614                      | NA                              | NA             |
| <u>ARM Cortex-A7 4 Core 1008 MHz</u> | 269      | 4616                      | NA                              | NA             |
| <u>Mobile AMD Sempron 3000+</u>      | 269      | 4617                      | NA                              | NA             |
| <u>Mobile AMD Sempron 3400+</u>      | 269      | 4615                      | NA                              | NA             |
| <u>Intel Celeron 530 @ 1.73GHz</u>   | 268      | 4618                      | 20.62                           | \$13.00        |
| <u>AMD Sempron 210U</u>              | 267      | 4619                      | NA                              | NA             |
| <u>Intel Celeron 3.20GHz</u>         | 267      | 4620                      | NA                              | NA             |
| <u>Intel Celeron M 723 @ 1.20GHz</u> | 267      | 4621                      | NA                              | NA             |
| <u>SAMSUNG SERRANO</u>               | 266      | 4622                      | NA                              | NA             |
| <u>AMD Athlon TF-20</u>              | 265      | 4624                      | NA                              | NA             |
| <u>AMD C-50</u>                      | 265      | 4623                      | NA                              | NA             |
| <u>Intel Celeron 3.33GHz</u>         | 263      | 4625                      | NA                              | NA             |
| <u>VIA Eden C1050@1.06GHz</u>        | 263      | 4626                      | NA                              | NA             |
| <u>AMD Athlon XP 3000+</u>           | 262      | 4629                      | 3.29                            | \$79.70*       |
| <u>AMD Z-60 APU</u>                  | 262      | 4628                      | NA                              | NA             |
| <u>ARM Cortex-A7 4 Core 1200 MHz</u> | 262      | 4627                      | NA                              | NA             |
| <u>AMD Athlon XP 2800+</u>           | 260      | 4630                      | NA                              | NA             |
| <u>Intel Xeon 2.80GHz</u>            | 259      | 4634                      | NA                              | NA             |
| <u>Mobile AMD Se</u>                 |          |                           |                                 | NA             |



## CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Mobile AMD Sempron 2600+</a>         | 256      | 4633                      | NA                              | NA             |
| <a href="#">Intel Core Duo U2400 @ 1.06GHz</a>   | 255      | 4635                      | NA                              | NA             |
| <a href="#">AMD Turion 64 Mobile ML-28</a>       | 254      | 4636                      | NA                              | NA             |
| <a href="#">AMD Sempron 2600+</a>                | 253      | 4639                      | 7.23                            | \$34.95*       |
| <a href="#">Intel Core Solo T1400 @ 1.83GHz</a>  | 253      | 4638                      | NA                              | NA             |
| <a href="#">Rockchip RK3229</a>                  | 253      | 4637                      | NA                              | NA             |
| <a href="#">Intel Celeron M 1.70GHz</a>          | 252      | 4640                      | NA                              | NA             |
| <a href="#">Intel Core2 Solo U3500 @ 1.40GHz</a> | 252      | 4641                      | NA                              | NA             |
| <a href="#">AMD Sempron 3200+</a>                | 251      | 4644                      | 2.01                            | \$124.68*      |
| <a href="#">AMD Sempron LE-1150</a>              | 251      | 4642                      | 16.82                           | \$14.94*       |
| <a href="#">Intel Celeron D 356 @ 3.33GHz</a>    | 251      | 4643                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 3.06GHz</a>          | 249      | 4645                      | NA                              | NA             |
| <a href="#">AMD GX-210JA SOC</a>                 | 248      | 4646                      | NA                              | NA             |
| <a href="#">AMD Sempron M120</a>                 | 247      | 4647                      | NA                              | NA             |
| <a href="#">AMD Turion 64 Mobile MT-30</a>       | 246      | 4648                      | NA                              | NA             |
| <a href="#">AMD Sempron SI-42</a>                | 245      | 4650                      | 8.15                            | \$29.99*       |
| <a href="#">Mobile AMD Sempron 3200+</a>         | 245      | 4649                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 2600+</a>              | 243      | 4652                      | NA                              | NA             |
| <a href="#">AMD Athlon XP2400+</a>               | 243      | 4651                      | NA                              | NA             |
| <a href="#">AMD Sempron 2800+</a>                | 243      | 4653                      | 8.11                            | \$29.95*       |
| <a href="#">AMD Athlon XP 2600+</a>              | 242      | 4654                      | 10.52                           | \$23.03*       |
| <a href="#">Intel Atom D2500 @ 1.86GHz</a>       | 241      | 4657                      | NA                              | NA             |
| <a href="#">Intel Celeron 807UE @ 1.00GHz</a>    | 241      | 4658                      | NA                              | NA             |
| <a href="#">Mobile AMD Athlon 2500+</a>          | 241      | 4656                      | NA                              | NA             |
| <a href="#">Mobile AMD Athlon XP-M 2600+</a>     | 241      | 4655                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1.50GHz</a>          | 240      | 4659                      | NA                              | NA             |
| <a href="#">Intel Celeron M 520 @ 1.60GHz</a>    | 239      | 4661                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1.70GHz</a>          | 239      | 4660                      | NA                              | NA             |
| <a href="#">Mobile AMD Athlon XP-M 2800+</a>     | 238      | 4664                      | NA                              | NA             |
| <a href="#">Mobile AMD Athlon XP-M 3000+</a>     | 238      | 4662                      | NA                              | NA             |
| <a href="#">VIA Nano L2007@1600MHz</a>           | 238      | 4663                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 2.80GHz</a>          | 237      | 4668                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1.70GHz</a>          | 237      | 4665                      | NA                              | NA             |
| <a href="#">Mobile AMD Att</a>                   |          |                           |                                 | NA             |



CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Celeron 420 @ 1.60GHz</a>      | 235      | 4669                      | 3.36                            | \$69.95        |
| <a href="#">AMD Athlon XP 2400+</a>              | 234      | 4670                      | 2.93                            | \$79.99*       |
| <a href="#">Intel Pentium M 2.13GHz</a>          | 234      | 4671                      | NA                              | NA             |
| <a href="#">Intel Core2 Solo U2100 @ 1.06GHz</a> | 233      | 4672                      | NA                              | NA             |
| <a href="#">Mobile AMD Athlon 4 2400+</a>        | 233      | 4673                      | NA                              | NA             |
| <a href="#">SAMSUNG EXPRESS2</a>                 | 233      | 4674                      | NA                              | NA             |
| <a href="#">AMD Sempron 3500+</a>                | 232      | 4677                      | 9.28                            | \$24.99*       |
| <a href="#">Intel Celeron D 347 @ 3.06GHz</a>    | 232      | 4675                      | NA                              | NA             |
| <a href="#">Mobile Intel Pentium 4 3.20GHz</a>   | 232      | 4676                      | NA                              | NA             |
| <a href="#">AMD Athlon XP 2500+</a>              | 231      | 4678                      | NA                              | NA             |
| <a href="#">Intel Celeron 2.93GHz</a>            | 230      | 4679                      | NA                              | NA             |
| <a href="#">Intel Celeron M 450 @ 2.00GHz</a>    | 230      | 4680                      | NA                              | NA             |
| <a href="#">ARM Cortex-A7 4 Core 900 MHz</a>     | 229      | 4681                      | NA                              | NA             |
| <a href="#">Intel Pentium SU2700 @ 1.30GHz</a>   | 228      | 4682                      | NA                              | NA             |
| <a href="#">Intel Pentium M 2.26GHz</a>          | 227      | 4683                      | NA                              | NA             |
| <a href="#">Mobile AMD Athlon XP-M 2500+</a>     | 226      | 4684                      | NA                              | NA             |
| <a href="#">ARM Cortex-A7 4 Core 1296 MHz</a>    | 225      | 4685                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1.40GHz</a>          | 225      | 4687                      | NA                              | NA             |
| <a href="#">Mobile AMD Athlon XP-M 2400+</a>     | 225      | 4686                      | NA                              | NA             |
| <a href="#">Intel Atom N470 @ 1.83GHz</a>        | 224      | 4688                      | NA                              | NA             |
| <a href="#">Intel Core Duo U2500 @ 1.20GHz</a>   | 223      | 4689                      | NA                              | NA             |
| <a href="#">Intel Celeron 2.53GHz</a>            | 222      | 4690                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1.86GHz</a>          | 222      | 4691                      | NA                              | NA             |
| <a href="#">Intel Celeron M 360 1.40GHz</a>      | 221      | 4692                      | NA                              | NA             |
| <a href="#">ARM Cortex-A53 4 Core 600 MHz</a>    | 220      | 4693                      | NA                              | NA             |
| <a href="#">Mobile Intel Pentium 4 3.06GHz</a>   | 220      | 4694                      | NA                              | NA             |
| <a href="#">Intel Celeron M 1500MHz</a>          | 217      | 4695                      | NA                              | NA             |
| <a href="#">ARM Cortex-A53 4 Core 1000 MHz</a>   | 215      | 4696                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 2.60GHz</a>          | 215      | 4697                      | NA                              | NA             |
| <a href="#">AMD Athlon XP 2200+</a>              | 214      | 4698                      | 2.52                            | \$84.95*       |
| <a href="#">ARM Cortex-A53 4 Core 1536 MHz</a>   | 213      | 4699                      | NA                              | NA             |
| <a href="#">Intel Celeron 723 @ 1.20GHz</a>      | 213      | 4700                      | NA                              | NA             |
| <a href="#">AMD Athlon XP 2400+</a>              | 210      | 4704                      | 2.20                            | \$63.75*       |
| <a href="#">Intel Core Solo</a>                  |          |                           |                                 | NA             |



## CPU Benchmarks



| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Pentium M 1400MHz</a>           | 208      | 4704                      | NA                              | NA             |
| <a href="#">AMD Sempron 2300+</a>                 | 207      | 4707                      | 4.60                            | \$45.00*       |
| <a href="#">AMD Sempron 2500+</a>                 | 207      | 4706                      | 3.45                            | \$59.95*       |
| <a href="#">ARM Cortex-A53 4 Core 1333 MHz</a>    | 207      | 4705                      | NA                              | NA             |
| <a href="#">AMD Sempron 2400+</a>                 | 205      | 4711                      | 15.74                           | \$12.99*       |
| <a href="#">Intel Celeron M 1.30GHz</a>           | 205      | 4708                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1.73GHz</a>           | 205      | 4710                      | NA                              | NA             |
| <a href="#">Mobile Intel Pentium 4 2.80GHz</a>    | 205      | 4709                      | NA                              | NA             |
| <a href="#">Intel Atom D425 @ 1.80GHz</a>         | 204      | 4712                      | 0.21                            | \$992.98*      |
| <a href="#">AMD Athlon XP 1900+</a>               | 203      | 4713                      | 4.44                            | \$45.80*       |
| <a href="#">Intel Atom N450 @ 1.66GHz</a>         | 203      | 4714                      | NA                              | NA             |
| <a href="#">ARM Cortex-A72 4 Core 1850 MHz</a>    | 199      | 4716                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1.20GHz</a>           | 199      | 4715                      | NA                              | NA             |
| <a href="#">VIA Nano U2500@1200MHz</a>            | 199      | 4717                      | NA                              | NA             |
| <a href="#">RK30board</a>                         | 198      | 4718                      | NA                              | NA             |
| <a href="#">AMD Athlon L110</a>                   | 197      | 4721                      | NA                              | NA             |
| <a href="#">Intel Celeron M 1300MHz</a>           | 197      | 4720                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1300MHz</a>           | 197      | 4719                      | NA                              | NA             |
| <a href="#">Intel Atom N455 @ 1.66GHz</a>         | 196      | 4722                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1.30GHz</a>           | 196      | 4723                      | NA                              | NA             |
| <a href="#">Mobile AMD Athlon XP-M 2000+</a>      | 196      | 4724                      | NA                              | NA             |
| <a href="#">AMD Athlon XP 1800+</a>               | 195      | 4726                      | 3.83                            | \$50.95*       |
| <a href="#">AMD Athlon XP 2000+</a>               | 195      | 4727                      | 3.31                            | \$58.99*       |
| <a href="#">AMD E-240</a>                         | 195      | 4725                      | NA                              | NA             |
| <a href="#">Intel Core Solo T1350 @ 1.86GHz</a>   | 194      | 4730                      | NA                              | NA             |
| <a href="#">Intel Pentium III 1400S @ 1400MHz</a> | 194      | 4728                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1.60GHz</a>           | 194      | 4729                      | NA                              | NA             |
| <a href="#">Intel Pentium III 1400 @ 1400MHz</a>  | 193      | 4732                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1600MHz</a>           | 193      | 4733                      | NA                              | NA             |
| <a href="#">Mobile AMD Athlon XP-M 1800+</a>      | 193      | 4731                      | NA                              | NA             |
| <a href="#">Intel Celeron M 1.50GHz</a>           | 192      | 4734                      | NA                              | NA             |
| <a href="#">Mobile AMD Athlon MP-M 2400+</a>      | 192      | 4735                      | NA                              | NA             |
| <a href="#">AMD Athlon 1500</a>                   | 191      | 4736                      | NA                              | NA             |
| <a href="#">Intel Celeron 2.00GHz</a>             | 190      | 4737                      | NA                              | NA             |



## CPU Benchmarks



| CPU Name  | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|---|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel Atom N2100 @ 1.60GHz</a>      | 188      | 4739                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1500MHz</a>         | 188      | 4740                      | NA                              | NA             |
| <a href="#">Google R11 BtWifi Evt1.1</a>        | 187      | 4742                      | NA                              | NA             |
| <a href="#">VIA Nano U2250 (1.6GHz Capable)</a> | 187      | 4741                      | NA                              | NA             |
| <a href="#">AMD Sempron 2200+</a>               | 184      | 4747                      | 4.60                            | \$39.95*       |
| <a href="#">AMD V105</a>                        | 184      | 4746                      | NA                              | NA             |
| <a href="#">Intel Atom E3815 @ 1.46GHz</a>      | 184      | 4743                      | 1.36                            | \$135.00*      |
| <a href="#">Intel Pentium M 1.10GHz</a>         | 184      | 4745                      | NA                              | NA             |
| <a href="#">VIA Nano U3500@1000MHz</a>          | 184      | 4744                      | NA                              | NA             |
| <a href="#">AMD Athlon XP1600+</a>              | 183      | 4748                      | NA                              | NA             |
| <a href="#">Intel Atom Z530 @ 1.60GHz</a>       | 183      | 4749                      | NA                              | NA             |
| <a href="#">Mobile Intel Celeron 1333MHz</a>    | 183      | 4750                      | NA                              | NA             |
| <a href="#">Intel Celeron 2.26GHz</a>           | 182      | 4752                      | NA                              | NA             |
| <a href="#">Mobile Intel Pentium 4 2.66GHz</a>  | 182      | 4751                      | NA                              | NA             |
| <a href="#">Intel Atom D410 @ 1.66GHz</a>       | 180      | 4753                      | 0.28                            | \$635.99*      |
| <a href="#">Intel Xeon 2.40GHz</a>              | 180      | 4754                      | 19.73                           | \$9.10*        |
| <a href="#">Intel Atom N475 @ 1.83GHz</a>       | 179      | 4755                      | NA                              | NA             |
| <a href="#">VIA Nano U2250@1300+MHz</a>         | 179      | 4756                      | NA                              | NA             |
| <a href="#">AMD C-30</a>                        | 178      | 4757                      | NA                              | NA             |
| <a href="#">AMD G-T52R</a>                      | 177      | 4758                      | NA                              | NA             |
| <a href="#">AMD Athlon XP 1700+</a>             | 176      | 4759                      | 3.44                            | \$51.25*       |
| <a href="#">AMD Athlon XP 1600+</a>             | 174      | 4760                      | NA                              | NA             |
| <a href="#">ARM Cortex-A72 4 Core 1200 MHz</a>  | 174      | 4761                      | NA                              | NA             |
| <a href="#">Intel Celeron 215 @ 1.33GHz</a>     | 174      | 4762                      | NA                              | NA             |
| <a href="#">Mobile AMD Athlon MP-M 1800+</a>    | 173      | 4763                      | NA                              | NA             |
| <a href="#">Intel Atom 230 @ 1.60GHz</a>        | 169      | 4765                      | NA                              | NA             |
| <a href="#">Intel Celeron M 430 @ 1.73GHz</a>   | 169      | 4766                      | NA                              | NA             |
| <a href="#">Intel Celeron M 440 @ 1.86GHz</a>   | 169      | 4764                      | NA                              | NA             |
| <a href="#">Mobile AMD Athlon XP-M 1600+</a>    | 169      | 4767                      | NA                              | NA             |
| <a href="#">AMD Athlon XP 1500+</a>             | 167      | 4768                      | NA                              | NA             |
| <a href="#">Intel Celeron 2.13GHz</a>           | 166      | 4769                      | NA                              | NA             |
| <a href="#">VIA Nano L2207@1600MHz</a>          | 165      | 4770                      | NA                              | NA             |
| <a href="#">Intel Celeron 2.50GHz</a>           | 164      | 4772                      | NA                              | NA             |
| <a href="#">Intel Core Solo</a>                 |          |                           |                                 | NA             |



CPU Benchmarks



| CPU Name   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <a href="#">Intel XEON 2.20GHz</a>                   | 164      | 4771                      | NA                              | NA             |
| <a href="#">Mobile AMD Sempron 2100+</a>             | 164      | 4773                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 2.53GHz</a>              | 162      | 4776                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 2.50GHz</a>              | 160      | 4778                      | NA                              | NA             |
| <a href="#">Intel Pentium III Mobile 1066MHz</a>     | 160      | 4777                      | NA                              | NA             |
| <a href="#">Intel Celeron 1200MHz</a>                | 159      | 4780                      | NA                              | NA             |
| <a href="#">Intel Celeron 2.70GHz</a>                | 159      | 4779                      | NA                              | NA             |
| <a href="#">Intel Atom Z670 @ 1.50GHz</a>            | 158      | 4781                      | NA                              | NA             |
| <a href="#">Intel Atom N280 @ 1.66GHz</a>            | 157      | 4784                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 2.20GHz</a>              | 157      | 4783                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 2.66GHz</a>              | 157      | 4782                      | NA                              | NA             |
| <a href="#">Intel Pentium III Mobile 1200MHz</a>     | 156      | 4785                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1000MHz</a>              | 156      | 4786                      | NA                              | NA             |
| <a href="#">Intel Pentium M 1200MHz</a>              | 155      | 4787                      | NA                              | NA             |
| <a href="#">AMD Athlon 64 2000+</a>                  | 154      | 4789                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 3.83GHz</a>              | 154      | 4788                      | NA                              | NA             |
| <a href="#">Mobile Intel Celeron 2.40GHz</a>         | 154      | 4790                      | NA                              | NA             |
| <a href="#">Intel Atom N435 @ 1.33GHz</a>            | 153      | 4791                      | NA                              | NA             |
| <a href="#">Intel Xeon 2.00GHz</a>                   | 152      | 4792                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 2.26GHz</a>              | 151      | 4793                      | NA                              | NA             |
| <a href="#">Intel Pentium 4 2.93GHz</a>              | 150      | 4794                      | NA                              | NA             |
| <a href="#">VIA C7-D 1800MHz</a>                     | 150      | 4795                      | NA                              | NA             |
| <a href="#">Intel Celeron M 1.00GHz</a>              | 149      | 4796                      | 10.65                           | \$13.99        |
| <a href="#">Intel Celeron 2.30GHz</a>                | 148      | 4797                      | NA                              | NA             |
| <a href="#">Mobile Intel Celeron 2.20GHz</a>         | 147      | 4798                      | NA                              | NA             |
| <a href="#">Mobile Intel Pentium III - M 1200MHz</a> | 146      | 4799                      | NA                              | NA             |
| <a href="#">VIA C7-M 6300MHz</a>                     | 145      | 4800                      | NA                              | NA             |
| <a href="#">Intel Celeron 2.40GHz</a>                | 143      | 4803                      | NA                              | NA             |
| <a href="#">Intel Celeron 2.60GHz</a>                | 143      | 4802                      | NA                              | NA             |
| <a href="#">Mobile Intel Pentium 4 - M 2.20GHz</a>   | 143      | 4801                      | NA                              | NA             |
| <a href="#">ARM Cortex-A7 2 Core 1080 MHz</a>        | 142      | 4804                      | NA                              | NA             |
| <a href="#">Intel Pentium M 900MHz</a>               | 141      | 4805                      | NA                              | NA             |
| <a href="#">Intel Celeron 1.00GHz</a>                | 139      | 4807                      | NA                              | NA             |
| <a href="#">Intel Celeron 2.40GHz</a>                | 138      | 4808                      | NA                              | NA             |



## CPU Benchmarks

| CPU Name                                   | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|--|----------|---------------------------|---------------------------------|----------------|
| <u>Mobile Intel Pentium 4 - M 2.40GHz</u>  | 139      | 4806                      | NA                              | NA             |
| <u>ARM Cortex-A7 2 Core 996 MHz</u>        | 138      | 4810                      | NA                              | NA             |
| <u>Mobile Intel Pentium 4 - M 2.00GHz</u>  | 138      | 4811                      | NA                              | NA             |
| <u>Intel Atom N270 @ 1.60GHz</u>           | 136      | 4813                      | NA                              | NA             |
| <u>Intel Pentium 4 Mobile 1.90GHz</u>      | 136      | 4812                      | NA                              | NA             |
| <u>VIA Esther 1500MHz</u>                  | 135      | 4814                      | NA                              | NA             |
| <u>Intel Pentium 4 2.00GHz</u>             | 133      | 4815                      | NA                              | NA             |
| <u>Mobile Intel Celeron 2.00GHz</u>        | 133      | 4816                      | NA                              | NA             |
| <u>Intel Pentium 4 Mobile 2.00GHz</u>      | 132      | 4817                      | NA                              | NA             |
| <u>Intel Celeron 2.66GHz</u>               | 131      | 4819                      | NA                              | NA             |
| <u>Intel Pentium 4 2.40GHz</u>             | 131      | 4818                      | NA                              | NA             |
| <u>Intel Core Solo U1400 @ 1.20GHz</u>     | 130      | 4820                      | NA                              | NA             |
| <u>Mobile Intel Pentium III - M 933MHz</u> | 130      | 4821                      | NA                              | NA             |
| <u>Intel Core Solo U1300 @ 1.06GHz</u>     | 127      | 4822                      | NA                              | NA             |
| <u>AMD Sempron 200U</u>                    | 125      | 4825                      | 1.43                            | \$87.00*       |
| <u>Intel Celeron 2.00GHz</u>               | 125      | 4824                      | NA                              | NA             |
| <u>Intel Celeron M 443 @ 1.20GHz</u>       | 125      | 4823                      | NA                              | NA             |
| <u>Intel Celeron M 410 @ 1.46GHz</u>       | 123      | 4826                      | NA                              | NA             |
| <u>Intel Celeron M 900MHz</u>              | 123      | 4827                      | NA                              | NA             |
| <u>Intel Atom Z520 @ 1.33GHz</u>           | 122      | 4828                      | NA                              | NA             |
| <u>Mobile Intel Celeron 1.80GHz</u>        | 121      | 4830                      | NA                              | NA             |
| <u>Mobile Intel Pentium 4 - M 1.70GHz</u>  | 121      | 4829                      | 1.76                            | \$69.00        |
| <u>AMD G-T40R</u>                          | 120      | 4832                      | NA                              | NA             |
| <u>AMD G-T44R</u>                          | 120      | 4831                      | NA                              | NA             |
| <u>Intel Pentium III Mobile 800MHz</u>     | 119      | 4834                      | 1.51                            | \$79.00*       |
| <u>Mobile Intel Pentium 4 - M 1.80GHz</u>  | 119      | 4833                      | NA                              | NA             |
| <u>Mobile Intel Celeron 1.70GHz</u>        | 118      | 4835                      | NA                              | NA             |
| <u>Intel Pentium 4 Mobile 1.60GHz</u>      | 116      | 4836                      | NA                              | NA             |
| <u>VIA C7-M 1600MHz</u>                    | 116      | 4837                      | NA                              | NA             |
| <u>Intel Pentium 4 1.80GHz</u>             | 115      | 4838                      | NA                              | NA             |
| <u>Intel Pentium 4 1800MHz</u>             | 114      | 4840                      | NA                              | NA             |
| <u>Intel Pentium 4 Mobile 1.80GHz</u>      | 114      | 4839                      | NA                              | NA             |
| <u>Intel Celeron 1100MHz</u>               | 112      | 4844                      | 7.55                            | \$15.00*       |
| <u>VIA C7-M 1200</u>                       |          |                           |                                 | NA             |

| CPU Name | CPU Mark | Rank<br>(lower is better) | CPU Value<br>(higher is better) | Price<br>(USD) |
|----------|----------|---------------------------|---------------------------------|----------------|
|----------|----------|---------------------------|---------------------------------|----------------|

 CPU Benchmarks 

|  |     |      |      |          |
|--|-----|------|------|----------|
| <u>Intel Celeron B710 @ 1.60GHz</u>    | 106 | 4844 | NA   | NA       |
| <u>Intel Pentium 4 1.90GHz</u>         | 104 | 4845 | NA   | NA       |
| <u>Intel Celeron 1.70GHz</u>           | 101 | 4847 | NA   | NA       |
| <u>VIA Nehemiah</u>                    | 101 | 4846 | NA   | NA       |
| <u>Intel Pentium 4 1700MHz</u>         | 100 | 4848 | 1.18 | \$84.99  |
| <u>Intel Pentium III Mobile 866MHz</u> | 99  | 4849 | 9.89 | \$10.00* |
| <u>OMAP4 Espresso board</u>            | 98  | 4850 | NA   | NA       |
| <u>Intel Celeron 1.80GHz</u>           | 96  | 4851 | NA   | NA       |
| <u>VIA Esther 1000MHz</u>              | 95  | 4852 | NA   | NA       |
| <u>VIA Eden 1200MHz</u>                | 93  | 4853 | NA   | NA       |
| <u>Intel Pentium 4 1.50GHz</u>         | 86  | 4855 | NA   | NA       |
| <u>Intel Pentium 4 1.70GHz</u>         | 86  | 4854 | NA   | NA       |
| <u>Intel Pentium 4 1.60GHz</u>         | 84  | 4856 | NA   | NA       |
| <u>Intel Pentium 4 1400MHz</u>         | 83  | 4857 | NA   | NA       |
| <u>Intel Pentium 4 1500MHz</u>         | 81  | 4858 | NA   | NA       |
| <u>VIA Eden 1000MHz</u>                | 80  | 4859 | NA   | NA       |
| <u>Intel Pentium 4 1300MHz</u>         | 77  | 4860 | NA   | NA       |

\* - Last price seen from our affiliates.

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