

# Single Video Card

| Videocard Name                             | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| 256MB DDR Radeon 9800 XT                   | 37                                   | 2309                   | NA                                 | NA          |
| 7900 MOD - Radeon HD 6520G                 | 610                                  | 1470                   | NA                                 | NA          |
| 7900 MOD - Radeon HD 6550D                 | 892                                  | 1201                   | NA                                 | NA          |
| A6 Micro-6500T Quad-Core APU with RadeonR4 | 220                                  | 1880                   | NA                                 | NA          |
| A10-8Q                                     | 7041                                 | 296                    | NA                                 | NA          |
| A16  | 4981                                 | 404                    | NA                                 | NA          |
| A16-4Q                                     | 4165                                 | 453                    | NA                                 | NA          |
| A40-24Q                                    | 2616                                 | 622                    | NA                                 | NA          |
| ABIT Siluro T400                           | 3                                    | 2505                   | NA                                 | NA          |
| ALL-IN-WONDER 9000                         | 4                                    | 2472                   | NA                                 | NA          |
| ALL-IN-WONDER 9800                         | 23                                   | 2378                   | NA                                 | NA          |
| ALL-IN-WONDER RADEON 8500DV                | 5                                    | 2457                   | NA                                 | NA          |

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| ALL-IN-WONDER X800 GT                    | 84                                   | 2151                   | NA                                 | NA          |
| All-in-Wonder X1800XL                    | 30                                   | 2349                   | NA                                 | NA          |
| All-in-Wonder X1900                      | 127                                  | 2021                   | NA                                 | NA          |
| AMD Ryzen Z1 Extreme                     | 7046                                 | 295                    | NA                                 | NA          |
| AMIGAMERLIN 3.1-R1 For Voodoo 4 4500 PCI | 3                                    | 2530                   | NA                                 | NA          |
| ASUS A7000                               | 9                                    | 2418                   | NA                                 | NA          |
| ASUS AGP-V3800PRO v31.40H                | 4                                    | 2491                   | NA                                 | NA          |
| ASUS EAH4870x2                           | 496                                  | 1619                   | NA                                 | NA          |
| Asus GTX 650 FML II EC-EGPU              | 720                                  | 1351                   | NA                                 | NA          |
| ASUS V9520-X V62.11                      | 7                                    | 2429                   | NA                                 | NA          |
| B8DKMDAP                                 | 4557                                 | 428                    | NA                                 | NA          |
| Barco MXRT 1450                          | 205                                  | 1903                   | NA                                 | NA          |
| Barco MXRT 2600                          | 900                                  | 1194                   | 4.52                               | \$199.00*   |
| Barco MXRT 5400                          | 1161                                 | 1051                   | 5.72                               | \$203.00*   |

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| Barco MXRT 5450                 | 1079                                 | 1084                   | 5.40                               | \$199.99*   |
| Barco MXRT 5500                 | 2701                                 | 610                    | 9.04                               | \$299.00*   |
| Barco MXRT 5600                 | 2465                                 | 653                    | 3.50                               | \$704.00*   |
| Barco MXRT 7100                 | 180                                  | 1926                   | NA                                 | NA          |
| Barco MXRT 7400                 | 900                                  | 1193                   | 9.10                               | \$99.00*    |
| Barco MXRT 7500                 | 3753                                 | 482                    | 12.55                              | \$299.00*   |
| Barco MXRT 7600                 | 4943                                 | 407                    | 8.20                               | \$602.59*   |
| BASICDISPLAY                    | 69                                   | 2197                   | NA                                 | NA          |
| Citrix Indirect Display Adapter | 2365                                 | 671                    | NA                                 | NA          |
| CMP 30HX                        | 8135                                 | 257                    | NA                                 | NA          |
| CMP 40HX                        | 6778                                 | 305                    | NA                                 | NA          |
| CONNECT 3D RADEON X300          | 36                                   | 2315                   | NA                                 | NA          |
| Custom GPU 0405                 | 2852                                 | 583                    | NA                                 | NA          |
| Dell 8100                       | 2                                    | 2556                   | 0.00                               | \$999.11*   |

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| Dell 8200                      | 4                                    | 2493                   | NA                                 | NA          |
| Diamond X1300-PCIE 256MB       | 70                                   | 2196                   | NA                                 | NA          |
| EAH5450                        | 134                                  | 2008                   | 1.22                               | \$109.99*   |
| EIZO Quadro MED-XN51LP         | 5048                                 | 399                    | NA                                 | NA          |
| Embedded Radeon E9173          | 1793                                 | 837                    | NA                                 | NA          |
| Eng Sample: 100-000000261-50_Y | 2859                                 | 580                    | NA                                 | NA          |
| Extreme AX850 PRO              | 120                                  | 2044                   | NA                                 | NA          |
| FireGL T2-128                  | 30                                   | 2347                   | NA                                 | NA          |
| FireGL V3100                   | 52                                   | 2244                   | NA                                 | NA          |
| FireGL V3200                   | 84                                   | 2148                   | NA                                 | NA          |
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| FireGL V3300                   | 70                                   | 2193                   | NA                                 | NA          |
| FireGL V3350                   | 68                                   | 2203                   | NA                                 | NA          |
| FireGL V3400                   | 103                                  | 2099                   | NA                                 | NA          |

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| FireGL V3600    | 179                                  | 1927                   | 1.12                               | \$160.99*   |
| FireGL V5100    | 92                                   | 2132                   | 0.81                               | \$114.96*   |
| FireGL V5200    | 114                                  | 2066                   | 0.86                               | \$133.40*   |
| FireGL V5600    | 341                                  | 1764                   | 1.52                               | \$225.00*   |
| FireGL V7100    | 71                                   | 2187                   | 0.22                               | \$328.67*   |
| FireGL V7200    | 116                                  | 2057                   | NA                                 | NA          |
| FireGL V7300    | 128                                  | 2019                   | 0.11                               | \$1,189.99* |
| FireGL V7350    | 110                                  | 2079                   | 0.93                               | \$119.42*   |
| FireGL V7600    | 615                                  | 1462                   | NA                                 | NA          |
| FireGL V7700    | 660                                  | 1403                   | 9.43                               | \$69.99*    |
| FireGL V8600    | 838                                  | 1232                   | NA                                 | NA          |
| FireGL V8650    | 550                                  | 1550                   | 1.84                               | \$298.99*   |
| FireGL X1       | 59                                   | 2229                   | NA                                 | NA          |
| FireMV 2200 PCI | 1                                    | 2572                   | NA                                 | NA          |

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| FireMV 2200 PCIe | 36                                   | 2317                   | 0.40                               | \$89.99*    |
| FireMV 2250      | 45                                   | 2273                   | 0.44                               | \$104.00*   |
| FireMV 2260      | 117                                  | 2052                   | 1.33                               | \$88.08*    |
| FireMV 2400 PCIe | 11                                   | 2410                   | NA                                 | NA          |
| FireMV 2450      | 73                                   | 2181                   | NA                                 | NA          |
| FirePro 3D V3700 | 178                                  | 1930                   | 2.10                               | \$84.99*    |
| FirePro 3D V3750 | 341                                  | 1762                   | 6.71                               | \$50.88*    |
| FirePro 3D V3800 | 472                                  | 1646                   | 3.15                               | \$149.99*   |
| FirePro 3D V4800 | 853                                  | 1224                   | 5.33                               | \$159.99*   |
| FirePro 3D V5700 | 546                                  | 1554                   | 1.71                               | \$319.99*   |
| FirePro 3D V5800 | 1231                                 | 1022                   | 6.04                               | \$204.00*   |
| FirePro 3D V7750 | 545                                  | 1558                   | 1.56                               | \$350.00*   |
| FirePro 3D V7800 | 1867                                 | 812                    | 3.11                               | \$599.99*   |
| FirePro 3D V8700 | 1206                                 | 1030                   | 7.09                               | \$170.07*   |

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| FirePro 3D V8750           | 1271                                 | 1006                   | 1.03                               | \$1,230.99* |
| FirePro 3D V8800           | 2437                                 | 658                    | 5.74                               | \$424.99*   |
| FirePro 3D V9800           | 2811                                 | 589                    | 1.13                               | \$2,499.00* |
| FirePro 2260               | 112                                  | 2071                   | NA                                 | NA          |
| FirePro 2270               | 142                                  | 1982                   | 1.06                               | \$134.00*   |
| FirePro 2450               | 51                                   | 2253                   | 0.57                               | \$89.99*    |
| FirePro 2460               | 170                                  | 1939                   | 2.03                               | \$83.99*    |
| FirePro M2000              | 425                                  | 1692                   | NA                                 | NA          |
| FirePro M4000              | 1605                                 | 897                    | 22.04                              | \$72.83*    |
| FirePro M4000 Mobility Pro | 1628                                 | 884                    | NA                                 | NA          |
| Firepro M4100              | 1059                                 | 1096                   | NA                                 | NA          |
| FirePro M4150              | 960                                  | 1150                   | NA                                 | NA          |
| FirePro M4170              | 1133                                 | 1058                   | NA                                 | NA          |
| FirePro M5100              | 2102                                 | 738                    | NA                                 | NA          |

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| FirePro M5100 FireGL V     | 1839                                 | 824                    | NA                                 | NA          |
| FirePro M5950              | 1314                                 | 993                    | NA                                 | NA          |
| FirePro M6000              | 1820                                 | 831                    | 5.58                               | \$325.99*   |
| FirePro M6000 Mobility Pro | 1712                                 | 858                    | NA                                 | NA          |
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| FirePro M6100              | 2152                                 | 726                    | NA                                 | NA          |
| FirePro M6100 FireGL V     | 2874                                 | 579                    | NA                                 | NA          |
| FirePro M7740              | 665                                  | 1400                   | NA                                 | NA          |
| FirePro M40003             | 1364                                 | 981                    | NA                                 | NA          |
| FirePro R5000              | 2646                                 | 617                    | 24.06                              | \$109.99*   |
| FirePro RG220              | 335                                  | 1770                   | 0.52                               | \$650.18*   |
| FirePro S7000              | 4523                                 | 432                    | 18.35                              | \$246.54*   |
| FirePro S7150              | 2726                                 | 604                    | 1.61                               | \$1,697.99* |
| FirePro S9000              | 5059                                 | 398                    | NA                                 | NA          |



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| FirePro S9050  | 4901                                 | 408                    | NA                                 | NA          |
| FirePro S10000 | 4768                                 | 418                    | NA                                 | NA          |
| FirePro V3800  | 320                                  | 1786                   | 2.57                               | \$124.99*   |
| FirePro V3900  | 641                                  | 1426                   | 2.69                               | \$238.44*   |
| FirePro V4900  | 987                                  | 1132                   | 6.59                               | \$149.99*   |
| FirePro V5700  | 464                                  | 1653                   | 2.47                               | \$188.06*   |
| FirePro V5800  | 1175                                 | 1044                   | 22.18                              | \$53.00*    |
| FirePro V5900  | 1263                                 | 1008                   | 14.70                              | \$86.00*    |
| FirePro V7000  | 3161                                 | 553                    | NA                                 | NA          |
| FirePro V7800  | 2028                                 | 759                    | 10.68                              | \$190.00*   |
| FirePro V7900  | 2304                                 | 694                    | 12.13                              | \$190.00*   |
| FirePro V8700  | 1538                                 | 927                    | 9.75                               | \$157.88*   |
| FirePro V8800  | 2280                                 | 698                    | 11.52                              | \$198.00*   |
| FirePro V9800  | 2726                                 | 605                    | 5.75                               | \$474.00*   |

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| FirePro W600          | 1671                                 | 868                    | 4.03                               | \$414.99*   |
| FirePro W2100         | 871                                  | 1211                   | 14.77                              | \$59.00*    |
| FirePro W4100         | 1528                                 | 930                    | 8.31                               | \$184.00*   |
| FirePro W4170M        | 1035                                 | 1105                   | NA                                 | NA          |
| Firepro W4190M        | 1148                                 | 1054                   | NA                                 | NA          |
| FirePro W4300         | 2820                                 | 588                    | 11.75                              | \$239.99*   |
| FirePro W5000         | 2977                                 | 569                    | 16.18                              | \$184.00*   |
| FirePro W5100         | 2989                                 | 568                    | 23.72                              | \$125.99*   |
| FirePro W5130M        | 1409                                 | 972                    | NA                                 | NA          |
| Firepro W5170M        | 1784                                 | 839                    | NA                                 | NA          |
| FirePro W6150M        | 2358                                 | 677                    | NA                                 | NA          |
| FirePro W7000         | 4288                                 | 448                    | 15.42                              | \$278.05*   |
| FirePro W7000 Adapter | 4359                                 | 443                    | NA                                 | NA          |
| FirePro W7100         | 5259                                 | 378                    | 13.51                              | \$389.30*   |

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| FirePro W7170M            | 3161                                 | 554                    | NA                                 | NA          |
| FirePro W8000             | 4095                                 | 459                    | 7.15                               | \$573.00*   |
| FirePro W8100             | 7279                                 | 288                    | 10.34                              | \$704.00*   |
| FirePro W9000             | 6138                                 | 331                    | 7.26                               | \$845.00*   |
| FirePro W9100             | 7986                                 | 263                    | 4.62                               | \$1,729.99* |
| FireStream 9170           | 647                                  | 1420                   | NA                                 | NA          |
| FireStream 9250           | 1164                                 | 1048                   | NA                                 | NA          |
| FireStream 9270           | 1341                                 | 987                    | NA                                 | NA          |
| FireStream 9370           | 2528                                 | 643                    | NA                                 | NA          |
| GeCube RADEON 7000        | 8                                    | 2420                   | NA                                 | NA          |
| GeForce2 Go               | 4                                    | 2497                   | NA                                 | NA          |
| GeForce2 GTS/GeForce2 Pro | 3                                    | 2502                   | NA                                 | NA          |
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| GeForce2 Integrated GPU   | 4                                    | 2492                   | NA                                 | NA          |

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| GeForce2 MX                       | 2                                    | 2541                   | NA                                 | NA          |
| GeForce2 MX 100/200               | 3                                    | 2526                   | NA                                 | NA          |
| GeForce2 MX with DVI-D and TV-out | 4                                    | 2476                   | NA                                 | NA          |
| GeForce2 MX with TV Out           | 2                                    | 2550                   | NA                                 | NA          |
| GeForce2 MX/MX 400                | 3                                    | 2504                   | NA                                 | NA          |
| GeForce2 Ti                       | 4                                    | 2484                   | NA                                 | NA          |
| GeForce2 Ultra                    | 6                                    | 2442                   | NA                                 | NA          |
| GeForce3                          | 4                                    | 2473                   | NA                                 | NA          |
| GeForce3 Ti 200                   | 4                                    | 2499                   | NA                                 | NA          |
| GeForce3 Ti 500                   | 2                                    | 2552                   | NA                                 | NA          |
| GeForce4 420 Go                   | 3                                    | 2523                   | NA                                 | NA          |
| GeForce4 420 Go 32M               | 5                                    | 2462                   | NA                                 | NA          |
| GeForce4 440                      | 4                                    | 2470                   | NA                                 | NA          |
| GeForce4 440 Go                   | 3                                    | 2510                   | NA                                 | NA          |

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| GeForce4 440 Go 64M        | 5                                    | 2448                   | NA                                 | NA          |
| GeForce4 448 Go            | 5                                    | 2459                   | NA                                 | NA          |
| GeForce4 4200 Go           | 3                                    | 2503                   | NA                                 | NA          |
| GeForce4 MX 420            | 4                                    | 2477                   | NA                                 | NA          |
| GeForce4 MX 440            | 4                                    | 2487                   | NA                                 | NA          |
| GeForce4 MX 440 with AGP8X | 4                                    | 2474                   | NA                                 | NA          |
| GeForce4 MX 440SE          | 4                                    | 2486                   | NA                                 | NA          |
| GeForce4 MX 460            | 4                                    | 2496                   | NA                                 | NA          |
| GeForce4 MX 4000           | 4                                    | 2490                   | NA                                 | NA          |
| GeForce4 MX Integrated GPU | 6                                    | 2440                   | NA                                 | NA          |
| GeForce4 Ti 4200           | 5                                    | 2458                   | NA                                 | NA          |
| GeForce4 Ti 4400           | 7                                    | 2433                   | NA                                 | NA          |
| GeForce4 Ti 4600           | 5                                    | 2460                   | 0.10                               | \$53.99*    |
| GeForce4 Ti 4800           | 5                                    | 2450                   | NA                                 | NA          |

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| GeForce4 Ti 4800 SE | 6                                    | 2436                   | NA                                 | NA          |
| GeForce9400M        | 105                                  | 2090                   | NA                                 | NA          |
| GeForce 205         | 126                                  | 2025                   | NA                                 | NA          |
| GeForce 210         | 113                                  | 2069                   | 2.10                               | \$54.15*    |
| GeForce 240M GT     | 319                                  | 1788                   | NA                                 | NA          |
| GeForce 256         | 5                                    | 2467                   | 0.12                               | \$42.04*    |
| GeForce 305M        | 150                                  | 1965                   | NA                                 | NA          |
| GeForce 310         | 119                                  | 2045                   | 1.10                               | \$108.35*   |
| GeForce 310M        | 115                                  | 2058                   | NA                                 | NA          |
| GeForce 315         | 156                                  | 1959                   | 4.74                               | \$32.99*    |
| GeForce 315M        | 115                                  | 2062                   | NA                                 | NA          |
| GeForce 320M        | 209                                  | 1897                   | NA                                 | NA          |
| GeForce 405         | 120                                  | 2043                   | 4.89                               | \$24.64*    |
| GeForce 410M        | 256                                  | 1843                   | NA                                 | NA          |

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| GeForce 505    | 118                                  | 2050                   | 1.03                               | \$115.06*   |
| GeForce 510    | 254                                  | 1847                   | 3.64                               | \$69.99*    |
| GeForce 605    | 317                                  | 1790                   | 2.32                               | \$136.83*   |
| GeForce 610M   | 291                                  | 1809                   | NA                                 | NA          |
| GeForce 615    | 514                                  | 1596                   | NA                                 | NA          |
| GeForce 705M   | 455                                  | 1669                   | NA                                 | NA          |
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| GeForce 710A   | 473                                  | 1645                   | NA                                 | NA          |
| GeForce 710M   | 460                                  | 1660                   | NA                                 | NA          |
| GeForce 720A   | 614                                  | 1464                   | NA                                 | NA          |
| GeForce 730A   | 771                                  | 1297                   | NA                                 | NA          |
| GeForce 770M   | 3245                                 | 542                    | 18.34                              | \$176.99*   |
| GeForce 800A   | 476                                  | 1639                   | NA                                 | NA          |
| GeForce 800M   | 457                                  | 1665                   | NA                                 | NA          |

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| GeForce 810A   | 622                                  | 1453                   | NA                                 | NA          |
| GeForce 810M   | 411                                  | 1704                   | NA                                 | NA          |
| GeForce 820A   | 555                                  | 1541                   | NA                                 | NA          |
| GeForce 820M   | 496                                  | 1617                   | NA                                 | NA          |
| GeForce 825M   | 782                                  | 1282                   | NA                                 | NA          |
| GeForce 830A   | 1138                                 | 1057                   | NA                                 | NA          |
| GeForce 830M   | 1008                                 | 1120                   | NA                                 | NA          |
| GeForce 840A   | 1179                                 | 1042                   | NA                                 | NA          |
| GeForce 840M   | 1089                                 | 1079                   | NA                                 | NA          |
| GeForce 845M   | 1524                                 | 933                    | NA                                 | NA          |
| GeForce 910M   | 601                                  | 1480                   | NA                                 | NA          |
| GeForce 920A   | 836                                  | 1235                   | NA                                 | NA          |
| GeForce 920M   | 721                                  | 1350                   | NA                                 | NA          |
| GeForce 920MX  | 1080                                 | 1083                   | NA                                 | NA          |



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| GeForce 930A            | 1267                                 | 1007                   | NA                                 | NA          |
| GeForce 930M            | 1011                                 | 1118                   | NA                                 | NA          |
| GeForce 930MX           | 1288                                 | 1003                   | NA                                 | NA          |
| GeForce 940A            | 1106                                 | 1068                   | NA                                 | NA          |
| GeForce 940M            | 1121                                 | 1064                   | NA                                 | NA          |
| GeForce 940MX           | 1516                                 | 935                    | NA                                 | NA          |
| GeForce 945A            | 1852                                 | 819                    | NA                                 | NA          |
| GeForce 945M            | 2108                                 | 735                    | NA                                 | NA          |
| GeForce 999 GTX         | 83                                   | 2155                   | NA                                 | NA          |
| GeForce 6100            | 27                                   | 2357                   | NA                                 | NA          |
| GeForce 6100 nForce 400 | 25                                   | 2368                   | NA                                 | NA          |
| GeForce 6100 nForce 405 | 26                                   | 2359                   | NA                                 | NA          |
| GeForce 6100 nForce 420 | 25                                   | 2367                   | NA                                 | NA          |
| GeForce 6100 nForce 430 | 23                                   | 2380                   | NA                                 | NA          |

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| GeForce 6150              | 21                                   | 2383                   | 0.07                               | \$329.00*   |
| GeForce 6150 LE           | 33                                   | 2333                   | NA                                 | NA          |
| GeForce 6150SE            | 24                                   | 2371                   | NA                                 | NA          |
| GeForce 6150SE nForce 430 | 30                                   | 2346                   | NA                                 | NA          |
| GeForce 6200              | 37                                   | 2311                   | 0.37                               | \$99.99*    |
| GeForce 6200 A-LE         | 32                                   | 2341                   | NA                                 | NA          |
| GeForce 6200 LE           | 27                                   | 2353                   | 0.68                               | \$41.24*    |
| GeForce 6200 TurboCache   | 53                                   | 2243                   | NA                                 | NA          |
| GeForce 6200A             | 3                                    | 2513                   | 0.07                               | \$54.99*    |
| GeForce 6200SE TurboCache | 37                                   | 2313                   | NA                                 | NA          |
| GeForce 6500              | 38                                   | 2305                   | NA                                 | NA          |
| GeForce 6600              | 86                                   | 2146                   | 0.33                               | \$264.00*   |
| GeForce 6600 GT           | 143                                  | 1980                   | 2.21                               | \$64.95*    |
| GeForce 6600 LE           | 51                                   | 2251                   | NA                                 | NA          |

| Videocard Name              | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-----------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Videocard Name              | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| GeForce 6610 XL             | 88                                   | 2144                   | NA                                 | NA          |
| GeForce 6700 XL             | 95                                   | 2122                   | NA                                 | NA          |
| GeForce 6800                | 112                                  | 2072                   | 0.20                               | \$559.29*   |
| GeForce 6800 GS             | 191                                  | 1917                   | NA                                 | NA          |
| GeForce 6800 GS/XT          | 102                                  | 2103                   | NA                                 | NA          |
| GeForce 6800 GT             | 142                                  | 1984                   | NA                                 | NA          |
| GeForce 6800 LE             | 109                                  | 2082                   | NA                                 | NA          |
| GeForce 6800 Ultra          | 138                                  | 1994                   | NA                                 | NA          |
| GeForce 6800 XE             | 58                                   | 2230                   | NA                                 | NA          |
| GeForce 6800 XT             | 123                                  | 2031                   | NA                                 | NA          |
| GeForce 7000M               | 13                                   | 2404                   | NA                                 | NA          |
| GeForce 7000M / nForce 610M | 12                                   | 2405                   | NA                                 | NA          |
| GeForce 7025 / nForce 630a  | 32                                   | 2338                   | NA                                 | NA          |

| Videocard Name                | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce 7050 / nForce 610i    | 25                                   | 2365                   | NA                                 | NA          |
| GeForce 7050 / nForce 620i    | 41                                   | 2290                   | NA                                 | NA          |
| GeForce 7050 / nForce 630i    | 37                                   | 2308                   | NA                                 | NA          |
| GeForce 7050 PV / nForce 630a | 31                                   | 2344                   | NA                                 | NA          |
| GeForce 7100 / nForce 620i    | 26                                   | 2362                   | NA                                 | NA          |
| GeForce 7100 / nForce 630i    | 41                                   | 2288                   | NA                                 | NA          |
| GeForce 7100 GS               | 51                                   | 2252                   | NA                                 | NA          |
| GeForce 7150 / nForce 630i    | 33                                   | 2336                   | NA                                 | NA          |
| GeForce 7150M / nForce 630M   | 18                                   | 2391                   | NA                                 | NA          |
| GeForce 7200 GS               | 23                                   | 2379                   | NA                                 | NA          |
| GeForce 7300 GS               | 78                                   | 2173                   | NA                                 | NA          |
| GeForce 7300 GT               | 136                                  | 1999                   | 0.91                               | \$149.99*   |
| GeForce 7300 LE               | 80                                   | 2170                   | 2.50                               | \$32.00*    |
| GeForce 7300 SE               | 39                                   | 2303                   | NA                                 | NA          |

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| Videocard Name          | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce 7300 SE/7200 GS | 47                                   | 2264                   | NA                                 | NA          |
| GeForce 7350 LE         | 74                                   | 2180                   | NA                                 | NA          |
| GeForce 7500 LE         | 89                                   | 2143                   | NA                                 | NA          |
| GeForce 7600 GS         | 157                                  | 1957                   | 0.90                               | \$175.00*   |
| GeForce 7600 GT         | 217                                  | 1885                   | 1.09                               | \$199.00*   |
| GeForce 7650 GS         | 134                                  | 2010                   | NA                                 | NA          |
| GeForce 7800 GS         | 177                                  | 1931                   | NA                                 | NA          |
| GeForce 7800 GT         | 244                                  | 1857                   | 3.05                               | \$80.00*    |
| GeForce 7800 GTX        | 290                                  | 1810                   | 4.06                               | \$71.60*    |
| GeForce 7900 GS         | 253                                  | 1848                   | NA                                 | NA          |
| GeForce 7900 GT         | 258                                  | 1841                   | 1.30                               | \$199.00*   |
| GeForce 7900 GT/GTO     | 247                                  | 1854                   | NA                                 | NA          |
| GeForce 7900 GTX        | 387                                  | 1723                   | NA                                 | NA          |
| GeForce 7950 GT         | 344                                  | 1761                   | 1.37                               | \$250.81*   |

| Videocard Name             | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|----------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce 7950 GX2           | 201                                  | 1906                   | 3.67                               | \$54.99*    |
| GeForce 7950 Xtreme        | 287                                  | 1813                   | NA                                 | NA          |
| GeForce 8100 / nForce 720a | 79                                   | 2172                   | NA                                 | NA          |
| GeForce 8200               | 155                                  | 1960                   | NA                                 | NA          |
| GeForce 8200M G            | 58                                   | 2233                   | NA                                 | NA          |
| GeForce 8300               | 101                                  | 2107                   | 4.48                               | \$22.68*    |
| GeForce 8300 GS            | 115                                  | 2061                   | NA                                 | NA          |
| GeForce 8400               | 81                                   | 2165                   | 0.14                               | \$589.99*   |
| Videocard Name             | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| GeForce 8400 GS            | 149                                  | 1967                   | 1.74                               | \$85.97*    |
| GeForce 8400 SE            | 68                                   | 2204                   | NA                                 | NA          |
| GeForce 8400M G            | 58                                   | 2231                   | NA                                 | NA          |
| GeForce 8400M GS           | 109                                  | 2084                   | 1.40                               | \$78.20*    |
| GeForce 8400M GT           | 66                                   | 2212                   | NA                                 | NA          |

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| Videocard Name       | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|----------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce 8500 GT      | 140                                  | 1985                   | NA                                 | NA          |
| GeForce 8600 GS      | 91                                   | 2135                   | NA                                 | NA          |
| GeForce 8600 GT      | 123                                  | 2033                   | 0.63                               | \$196.00*   |
| GeForce 8600 GTS     | 149                                  | 1968                   | 0.62                               | \$241.99*   |
| GeForce 8600M GS     | 70                                   | 2194                   | NA                                 | NA          |
| GeForce 8600M GT     | 89                                   | 2140                   | 0.83                               | \$108.10*   |
| GeForce 8700M GT     | 124                                  | 2027                   | NA                                 | NA          |
| GeForce 8800 GS      | 330                                  | 1776                   | NA                                 | NA          |
| GeForce 8800 GT      | 480                                  | 1628                   | 6.87                               | \$69.99*    |
| GeForce 8800 GTS     | 417                                  | 1701                   | 5.21                               | \$79.99*    |
| GeForce 8800 GTS 512 | 568                                  | 1529                   | NA                                 | NA          |
| GeForce 8800 GTX     | 590                                  | 1496                   | 4.92                               | \$119.99*   |
| GeForce 8800 Ultra   | 642                                  | 1425                   | NA                                 | NA          |
| GeForce 8800M GTS    | 382                                  | 1725                   | NA                                 | NA          |

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| Videocard Name             | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|----------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce 8800M GTX          | 462                                  | 1656                   | NA                                 | NA          |
| GeForce 9100               | 81                                   | 2159                   | NA                                 | NA          |
| GeForce 9100M G            | 68                                   | 2205                   | NA                                 | NA          |
| GeForce 9200               | 168                                  | 1944                   | NA                                 | NA          |
| GeForce 9200M GE           | 143                                  | 1981                   | NA                                 | NA          |
| GeForce 9200M GS           | 111                                  | 2077                   | NA                                 | NA          |
| GeForce 9300               | 126                                  | 2022                   | 2.15                               | \$59.00*    |
| GeForce 9300 / nForce 730i | 128                                  | 2017                   | NA                                 | NA          |
| GeForce 9300 GE            | 76                                   | 2176                   | 3.31                               | \$22.99*    |
| GeForce 9300 GS            | 102                                  | 2104                   | 1.71                               | \$59.95*    |
| GeForce 9300 SE            | 81                                   | 2163                   | NA                                 | NA          |
| GeForce 9300GE             | 97                                   | 2117                   | 1.01                               | \$97.20*    |
| GeForce 9300M G            | 84                                   | 2150                   | NA                                 | NA          |
| GeForce 9300M GS           | 94                                   | 2124                   | 2.17                               | \$43.42*    |



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| Videocard Name       | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|----------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce 9400         | 98                                   | 2112                   | NA                                 | NA          |
| GeForce 9400 GT      | 157                                  | 1956                   | 0.98                               | \$159.99*   |
| GeForce 9400M        | 101                                  | 2108                   | NA                                 | NA          |
| GeForce 9400M G      | 67                                   | 2208                   | NA                                 | NA          |
| GeForce 9450         | 104                                  | 2093                   | NA                                 | NA          |
| GeForce 9500 GS      | 187                                  | 1922                   | NA                                 | NA          |
| GeForce 9500 GT      | 162                                  | 1951                   | 1.89                               | \$85.99*    |
| GeForce 9500M        | 103                                  | 2098                   | 1.02                               | \$101.20*   |
| GeForce 9500M G      | 121                                  | 2040                   | NA                                 | NA          |
| GeForce 9500M GS     | 134                                  | 2009                   | NA                                 | NA          |
| GeForce 9600 GS      | 281                                  | 1819                   | NA                                 | NA          |
| GeForce 9600 GSO     | 327                                  | 1781                   | 6.54                               | \$49.99*    |
| GeForce 9600 GSO 512 | 329                                  | 1777                   | NA                                 | NA          |
| GeForce 9600 GT      | 487                                  | 1624                   | 7.50                               | \$64.99*    |

| Videocard Name                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|------------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce 9600M GS                   | 130                                  | 2014                   | NA                                 | NA          |
| GeForce 9600M GT                   | 135                                  | 2002                   | 1.74                               | \$78.20*    |
| Videocard Name                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| GeForce 9600M GT / GeForce GT 220M | 293                                  | 1807                   | NA                                 | NA          |
| GeForce 9650M GS                   | 270                                  | 1829                   | NA                                 | NA          |
| GeForce 9650M GT                   | 137                                  | 1997                   | 1.17                               | \$117.30*   |
| GeForce 9700M GT                   | 208                                  | 1899                   | NA                                 | NA          |
| GeForce 9700M GTS                  | 278                                  | 1822                   | NA                                 | NA          |
| GeForce 9800 GT                    | 462                                  | 1655                   | 6.17                               | \$74.99*    |
| GeForce 9800 GT 1024MB             | 134                                  | 2007                   | NA                                 | NA          |
| GeForce 9800 GTX                   | 769                                  | 1301                   | 10.26                              | \$74.99*    |
| GeForce 9800 GTX+                  | 506                                  | 1606                   | NA                                 | NA          |
| GeForce 9800 GTX/9800 GTX+         | 606                                  | 1474                   | 6.74                               | \$89.99*    |
| GeForce 9800 GX2                   | 797                                  | 1271                   | 4.09                               | \$195.00*   |

| Videocard Name        | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-----------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce 9800 S        | 635                                  | 1432                   | NA                                 | NA          |
| GeForce 9800M GS      | 554                                  | 1545                   | NA                                 | NA          |
| GeForce 9800M GT      | 381                                  | 1726                   | NA                                 | NA          |
| GeForce 9800M GTS     | 376                                  | 1736                   | NA                                 | NA          |
| GeForce 9800M GTX     | 454                                  | 1670                   | 1.38                               | \$328.50*   |
| GeForce FX 5100       | 7                                    | 2428                   | NA                                 | NA          |
| GeForce FX 5200       | 7                                    | 2431                   | 0.06                               | \$129.00*   |
| GeForce FX 5200 Ultra | 12                                   | 2408                   | NA                                 | NA          |
| GeForce FX 5200LE     | 7                                    | 2434                   | 0.16                               | \$42.99*    |
| GeForce FX 5200SE     | 11                                   | 2409                   | NA                                 | NA          |
| GeForce FX 5500       | 8                                    | 2423                   | 0.05                               | \$153.97*   |
| GeForce FX 5600       | 12                                   | 2406                   | NA                                 | NA          |
| GeForce FX 5600 Ultra | 17                                   | 2397                   | NA                                 | NA          |
| GeForce FX 5600XT     | 9                                    | 2419                   | NA                                 | NA          |

| Videocard Name        | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-----------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce FX 5700       | 40                                   | 2292                   | NA                                 | NA          |
| GeForce FX 5700 Ultra | 34                                   | 2327                   | NA                                 | NA          |
| GeForce FX 5700LE     | 24                                   | 2372                   | NA                                 | NA          |
| GeForce FX 5700VE     | 33                                   | 2335                   | NA                                 | NA          |
| GeForce FX 5900       | 34                                   | 2324                   | NA                                 | NA          |
| GeForce FX 5900 Ultra | 41                                   | 2291                   | NA                                 | NA          |
| GeForce FX 5900XT     | 40                                   | 2297                   | NA                                 | NA          |
| GeForce FX 5900ZT     | 32                                   | 2339                   | NA                                 | NA          |
| GeForce FX 5950 Ultra | 59                                   | 2228                   | NA                                 | NA          |
| GeForce FX Go5300     | 12                                   | 2407                   | NA                                 | NA          |
| GeForce FX Go5650     | 16                                   | 2398                   | NA                                 | NA          |
| GeForce FX Go5700     | 51                                   | 2250                   | NA                                 | NA          |
| GeForce FX Go 5200    | 8                                    | 2421                   | NA                                 | NA          |
| GeForce FX Go 5600    | 17                                   | 2395                   | NA                                 | NA          |

| Videocard Name  | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-----------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce G100    | 184                                  | 1923                   | 9.24                               | \$19.99*    |
| GeForce G102M   | 167                                  | 1946                   | NA                                 | NA          |
| GeForce G105M   | 122                                  | 2034                   | NA                                 | NA          |
| GeForce G200    | 136                                  | 2001                   | NA                                 | NA          |
| GeForce G205M   | 91                                   | 2137                   | NA                                 | NA          |
| GeForce G210    | 102                                  | 2102                   | 0.84                               | \$122.12*   |
| GeForce G210M   | 116                                  | 2056                   | NA                                 | NA          |
| GeForce G 103M  | 62                                   | 2221                   | NA                                 | NA          |
| GeForce G 105M  | 62                                   | 2218                   | NA                                 | NA          |
| GeForce Go 6100 | 17                                   | 2394                   | NA                                 | NA          |
| Videocard Name  | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| GeForce Go 6150 | 19                                   | 2387                   | NA                                 | NA          |
| GeForce Go 6200 | 15                                   | 2401                   | NA                                 | NA          |
| GeForce Go 6400 | 24                                   | 2373                   | NA                                 | NA          |

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| Videocard Name             | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|----------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce Go 6600            | 69                                   | 2198                   | NA                                 | NA          |
| GeForce Go 6600 TE/6200 TE | 44                                   | 2277                   | NA                                 | NA          |
| GeForce Go 6800            | 106                                  | 2089                   | NA                                 | NA          |
| GeForce Go 6800 Ultra      | 137                                  | 1996                   | NA                                 | NA          |
| GeForce Go 7200            | 45                                   | 2275                   | NA                                 | NA          |
| GeForce Go 7300            | 52                                   | 2247                   | NA                                 | NA          |
| GeForce Go 7400            | 65                                   | 2215                   | NA                                 | NA          |
| GeForce Go 7600            | 127                                  | 2020                   | NA                                 | NA          |
| GeForce Go 7600 GT         | 210                                  | 1896                   | NA                                 | NA          |
| GeForce Go 7700            | 147                                  | 1974                   | NA                                 | NA          |
| GeForce Go 7800            | 114                                  | 2064                   | NA                                 | NA          |
| GeForce Go 7800 GTX        | 209                                  | 1898                   | NA                                 | NA          |
| GeForce Go 7900 GS         | 176                                  | 1932                   | NA                                 | NA          |
| GeForce Go 7900 GTX        | 270                                  | 1828                   | NA                                 | NA          |

| Videocard Name           | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce Go 7950 GTX      | 263                                  | 1835                   | NA                                 | NA          |
| GeForce GPU              | 1189                                 | 1040                   | NA                                 | NA          |
| GeForce GT625M           | 457                                  | 1667                   | NA                                 | NA          |
| GeForce GT 120           | 168                                  | 1943                   | 5.63                               | \$29.99*    |
| GeForce GT 120 / 9500 GT | 324                                  | 1782                   | NA                                 | NA          |
| GeForce GT 120M          | 150                                  | 1964                   | NA                                 | NA          |
| GeForce GT 130           | 381                                  | 1727                   | 2.52                               | \$151.34*   |
| GeForce GT 130M          | 146                                  | 1977                   | NA                                 | NA          |
| GeForce GT 140           | 657                                  | 1406                   | NA                                 | NA          |
| GeForce GT 220           | 219                                  | 1882                   | 5.48                               | \$39.99*    |
| GeForce GT 220M          | 121                                  | 2038                   | NA                                 | NA          |
| GeForce GT 230           | 323                                  | 1784                   | 7.35                               | \$43.99*    |
| GeForce GT 230M          | 212                                  | 1894                   | NA                                 | NA          |
| GeForce GT 240           | 508                                  | 1602                   | 3.16                               | \$160.97*   |

| Videocard Name  | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-----------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce GT 240M | 213                                  | 1891                   | NA                                 | NA          |
| GeForce GT 320  | 461                                  | 1658                   | 14.10                              | \$32.69*    |
| GeForce GT 320M | 105                                  | 2091                   | NA                                 | NA          |
| GeForce GT 325M | 169                                  | 1940                   | NA                                 | NA          |
| GeForce GT 330  | 394                                  | 1717                   | 9.87                               | \$39.99*    |
| GeForce GT 330M | 214                                  | 1890                   | NA                                 | NA          |
| GeForce GT 335M | 382                                  | 1724                   | NA                                 | NA          |
| GeForce GT 340  | 738                                  | 1335                   | 13.93                              | \$52.99*    |
| GeForce GT 415  | 251                                  | 1849                   | NA                                 | NA          |
| GeForce GT 415M | 286                                  | 1814                   | NA                                 | NA          |
| GeForce GT 420  | 424                                  | 1693                   | 2.74                               | \$155.00*   |
| GeForce GT 420M | 405                                  | 1712                   | NA                                 | NA          |
| GeForce GT 425M | 522                                  | 1589                   | NA                                 | NA          |
| GeForce GT 430  | 599                                  | 1482                   | 4.28                               | \$139.99*   |



| Videocard Name   | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce GT 435M  | 535                                  | 1570                   | NA                                 | NA          |
| GeForce GT 440   | 771                                  | 1298                   | 3.43                               | \$225.00*   |
| GeForce GT 445M  | 811                                  | 1262                   | NA                                 | NA          |
| GeForce GT 520   | 310                                  | 1794                   | 1.02                               | \$304.00*   |
| Videocard Name   | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| GeForce GT 520M  | 281                                  | 1820                   | 9.39                               | \$29.95*    |
| GeForce GT 520MX | 284                                  | 1815                   | NA                                 | NA          |
| GeForce GT 525M  | 460                                  | 1661                   | NA                                 | NA          |
| GeForce GT 530   | 661                                  | 1402                   | 13.49                              | \$49.00*    |
| GeForce GT 540M  | 478                                  | 1633                   | 5.44                               | \$87.95*    |
| GeForce GT 545   | 1097                                 | 1074                   | 19.74                              | \$55.59*    |
| GeForce GT 550M  | 573                                  | 1521                   | NA                                 | NA          |
| GeForce GT 555M  | 654                                  | 1409                   | 3.70                               | \$177.20*   |
| GeForce GT 610   | 310                                  | 1795                   | 2.22                               | \$139.99*   |

| Videocard Name                                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT | 368                                  | 1742                   | NA                                 | NA          |
| GeForce GT 620                                     | 377                                  | 1732                   | 2.45                               | \$154.00*   |
| GeForce GT 620M                                    | 434                                  | 1688                   | NA                                 | NA          |
| GeForce GT 625                                     | 353                                  | 1754                   | NA                                 | NA          |
| GeForce GT 625M                                    | 478                                  | 1632                   | NA                                 | NA          |
| GeForce GT 630                                     | 677                                  | 1391                   | 4.61                               | \$147.01*   |
| GeForce GT 630M                                    | 539                                  | 1568                   | NA                                 | NA          |
| GeForce GT 635                                     | 832                                  | 1241                   | 12.43                              | \$66.94*    |
| GeForce GT 635M                                    | 561                                  | 1535                   | NA                                 | NA          |
| GeForce GT 640                                     | 1174                                 | 1045                   | 10.68                              | \$109.99*   |
| GeForce GT 640M                                    | 927                                  | 1172                   | NA                                 | NA          |
| GeForce GT 640M LE                                 | 701                                  | 1371                   | 0.83                               | \$849.99*   |
| GeForce GT 645                                     | 2005                                 | 765                    | NA                                 | NA          |
| GeForce GT 645M                                    | 932                                  | 1168                   | NA                                 | NA          |

| Videocard Name  | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-----------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce GT 650M | 1205                                 | 1032                   | NA                                 | NA          |
| GeForce GT 705  | 331                                  | 1775                   | 1.12                               | \$296.76*   |
| GeForce GT 710  | 629                                  | 1443                   | 2.52                               | \$249.99*   |
| GeForce GT 710M | 445                                  | 1679                   | NA                                 | NA          |
| GeForce GT 720  | 611                                  | 1469                   | 6.11                               | \$99.99*    |
| GeForce GT 720A | 573                                  | 1520                   | NA                                 | NA          |
| GeForce GT 720M | 461                                  | 1657                   | NA                                 | NA          |
| GeForce GT 730  | 834                                  | 1238                   | 7.58                               | \$109.99*   |
| GeForce GT 730A | 742                                  | 1330                   | NA                                 | NA          |
| GeForce GT 730M | 816                                  | 1257                   | NA                                 | NA          |
| GeForce GT 735M | 648                                  | 1418                   | NA                                 | NA          |
| GeForce GT 740  | 1481                                 | 950                    | 6.25                               | \$236.99*   |
| GeForce GT 740A | 667                                  | 1398                   | NA                                 | NA          |
| GeForce GT 740M | 791                                  | 1278                   | NA                                 | NA          |

| Videocard Name   | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce GT 745A  | 1228                                 | 1023                   | NA                                 | NA          |
| GeForce GT 745M  | 1094                                 | 1077                   | NA                                 | NA          |
| GeForce GT 750M  | 1328                                 | 989                    | NA                                 | NA          |
| GeForce GT 755M  | 1695                                 | 862                    | NA                                 | NA          |
| GeForce GT 820M  | 564                                  | 1533                   | NA                                 | NA          |
| GeForce GT 1030  | 2461                                 | 654                    | 22.38                              | \$109.99    |
| GeForce GTS 150M | 504                                  | 1608                   | NA                                 | NA          |
| GeForce GTS 160M | 678                                  | 1390                   | NA                                 | NA          |
| GeForce GTS 240  | 556                                  | 1540                   | 8.56                               | \$64.99*    |
| GeForce GTS 250  | 598                                  | 1483                   | 8.56                               | \$69.99*    |
| GeForce GTS 250M | 553                                  | 1547                   | NA                                 | NA          |
| GeForce GTS 350M | 407                                  | 1707                   | NA                                 | NA          |
| Videocard Name   | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| GeForce GTS 360M | 653                                  | 1412                   | NA                                 | NA          |

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| Videocard Name     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce GTS 450    | 1322                                 | 990                    | 16.53                              | \$79.99*    |
| GeForce GTX 260    | 1223                                 | 1026                   | 15.29                              | \$79.99*    |
| GeForce GTX 260M   | 379                                  | 1729                   | NA                                 | NA          |
| GeForce GTX 275    | 1416                                 | 971                    | 3.28                               | \$431.72*   |
| GeForce GTX 280    | 1299                                 | 1001                   | 2.49                               | \$522.78*   |
| GeForce GTX 280M   | 575                                  | 1516                   | NA                                 | NA          |
| GeForce GTX 285    | 1515                                 | 936                    | 12.63                              | \$119.99*   |
| GeForce GTX 285M   | 636                                  | 1431                   | NA                                 | NA          |
| GeForce GTX 295    | 1206                                 | 1031                   | 7.54                               | \$159.99*   |
| GeForce GTX 460    | 2263                                 | 707                    | 25.15                              | \$89.99*    |
| GeForce GTX 460 SE | 2001                                 | 767                    | 12.51                              | \$159.99*   |
| GeForce GTX 460 v2 | 1871                                 | 811                    | 9.36                               | \$199.99*   |
| GeForce GTX 460M   | 1246                                 | 1014                   | NA                                 | NA          |
| GeForce GTX 465    | 2662                                 | 615                    | 13.66                              | \$195.00*   |

| Videocard Name     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce GTX 470    | 3106                                 | 558                    | 51.79                              | \$59.99*    |
| GeForce GTX 470M   | 1953                                 | 787                    | NA                                 | NA          |
| GeForce GTX 480    | 4106                                 | 457                    | 24.16                              | \$169.99*   |
| GeForce GTX 480M   | 1617                                 | 891                    | NA                                 | NA          |
| GeForce GTX 485M   | 2359                                 | 676                    | NA                                 | NA          |
| GeForce GTX 550 Ti | 1552                                 | 918                    | 15.52                              | \$99.99*    |
| GeForce GTX 555    | 1571                                 | 912                    | NA                                 | NA          |
| GeForce GTX 560    | 2742                                 | 599                    | 13.38                              | \$205.00*   |
| GeForce GTX 560 SE | 1914                                 | 800                    | 21.27                              | \$89.99*    |
| GeForce GTX 560 Ti | 3045                                 | 563                    | 23.43                              | \$129.99*   |
| GeForce GTX 560M   | 1255                                 | 1012                   | NA                                 | NA          |
| GeForce GTX 570    | 3930                                 | 468                    | 26.20                              | \$149.99*   |
| GeForce GTX 570M   | 1863                                 | 814                    | NA                                 | NA          |
| GeForce GTX 580    | 4569                                 | 427                    | 32.66                              | \$139.92*   |

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| Videocard Name           | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce GTX 580M         | 2074                                 | 743                    | 8.34                               | \$248.68*   |
| GeForce GTX 590          | 3341                                 | 534                    | 7.68                               | \$435.00*   |
| GeForce GTX 645          | 1873                                 | 810                    | NA                                 | NA          |
| GeForce GTX 650          | 1751                                 | 845                    | 15.93                              | \$109.98*   |
| GeForce GTX 650 Ti       | 2524                                 | 645                    | 27.13                              | \$93.05*    |
| GeForce GTX 650 Ti BOOST | 3339                                 | 535                    | NA                                 | NA          |
| GeForce GTX 660          | 4001                                 | 465                    | 23.83                              | \$167.95*   |
| GeForce GTX 660 Ti       | 4420                                 | 441                    | 30.70                              | \$144.00*   |
| GeForce GTX 660M         | 1440                                 | 957                    | 18.23                              | \$78.99*    |
| GeForce GTX 670          | 5326                                 | 376                    | 27.46                              | \$193.98*   |
| GeForce GTX 670M         | 1743                                 | 849                    | NA                                 | NA          |
| GeForce GTX 670MX        | 1951                                 | 788                    | NA                                 | NA          |
| GeForce GTX 675M         | 1927                                 | 792                    | NA                                 | NA          |
| GeForce GTX 675MX        | 2642                                 | 618                    | NA                                 | NA          |

| Videocard Name                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|------------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce GTX 680                    | 5557                                 | 359                    | 13.93                              | \$399.00*   |
| GeForce GTX 680M                   | 3216                                 | 546                    | 23.65                              | \$135.99*   |
| GeForce GTX 680M KY_Bullet Edition | 3568                                 | 503                    | NA                                 | NA          |
| GeForce GTX 680MX                  | 4142                                 | 455                    | NA                                 | NA          |
| GeForce GTX 690                    | 5571                                 | 353                    | 19.83                              | \$280.99*   |
| GeForce GTX 745                    | 2139                                 | 729                    | 7.51                               | \$284.95*   |
| Videocard Name                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| GeForce GTX 750                    | 3350                                 | 533                    | 41.89                              | \$79.99*    |
| GeForce GTX 750 Ti                 | 3902                                 | 470                    | 44.29                              | \$88.11*    |
| GeForce GTX 760                    | 4793                                 | 416                    | 32.17                              | \$149.00*   |
| GeForce GTX 760 Ti                 | 5240                                 | 381                    | 17.62                              | \$297.50*   |
| GeForce GTX 760 Ti OEM             | 5427                                 | 367                    | NA                                 | NA          |
| GeForce GTX 760A                   | 1226                                 | 1024                   | NA                                 | NA          |
| GeForce GTX 760M                   | 1720                                 | 855                    | NA                                 | NA          |



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| Videocard Name            | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce GTX 765M          | 1993                                 | 770                    | 10.70                              | \$186.30*   |
| GeForce GTX 770           | 5918                                 | 339                    | 23.77                              | \$249.00*   |
| GeForce GTX 770M          | 2796                                 | 592                    | 20.26                              | \$138.00*   |
| GeForce GTX 775M          | 3634                                 | 499                    | NA                                 | NA          |
| GeForce GTX 780           | 8006                                 | 261                    | 28.60                              | \$279.99*   |
| GeForce GTX 780 Ti        | 9520                                 | 218                    | 28.00                              | \$339.99*   |
| GeForce GTX 780M          | 3847                                 | 476                    | 7.71                               | \$499.00*   |
| GeForce GTX 850A          | 1049                                 | 1099                   | NA                                 | NA          |
| GeForce GTX 850M          | 2513                                 | 647                    | NA                                 | NA          |
| GeForce GTX 850M - MODDED | 1091                                 | 1078                   | NA                                 | NA          |
| GeForce GTX 860M          | 3042                                 | 564                    | 26.69                              | \$114.00*   |
| GeForce GTX 870M          | 3449                                 | 522                    | NA                                 | NA          |
| GeForce GTX 880M          | 3803                                 | 478                    | NA                                 | NA          |
| GeForce GTX 950           | 5337                                 | 374                    | 37.59                              | \$141.99*   |

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| Videocard Name          | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce GTX 950A        | 2552                                 | 637                    | NA                                 | NA          |
| GeForce GTX 950M        | 2585                                 | 632                    | 4.56                               | \$567.00*   |
| GeForce GTX 960         | 6077                                 | 334                    | 35.33                              | \$172.00*   |
| GeForce GTX 960A        | 3355                                 | 531                    | NA                                 | NA          |
| GeForce GTX 960M        | 3394                                 | 526                    | 2.90                               | \$1,169.00* |
| GeForce GTX 965M        | 3792                                 | 479                    | NA                                 | NA          |
| GeForce GTX 970         | 9640                                 | 215                    | 40.51                              | \$237.99*   |
| GeForce GTX 970M        | 5740                                 | 348                    | 27.34                              | \$209.99*   |
| GeForce GTX 970XM FORCE | 6706                                 | 309                    | NA                                 | NA          |
| GeForce GTX 980         | 11111                                | 190                    | 44.92                              | \$247.35*   |
| GeForce GTX 980 Ti      | 13809                                | 128                    | 17.73                              | \$778.69*   |
| GeForce GTX 980M        | 7340                                 | 287                    | 25.31                              | \$289.99*   |
| GeForce GTX 1050        | 5044                                 | 400                    | 21.11                              | \$239.00*   |
| GeForce GTX 1050 3GB    | 5102                                 | 396                    | NA                                 | NA          |

| Videocard Name                        | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---------------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce GTX 1050 (Mobile)             | 4461                                 | 436                    | NA                                 | NA          |
| GeForce GTX 1050 Ti                   | 6314                                 | 319                    | 15.21                              | \$415.07    |
| GeForce GTX 1050 Ti (Mobile)          | 5918                                 | 338                    | NA                                 | NA          |
| GeForce GTX 1050 Ti with Max-Q Design | 5375                                 | 371                    | NA                                 | NA          |
| GeForce GTX 1050 with Max-Q Design    | 4069                                 | 460                    | NA                                 | NA          |
| GeForce GTX 1060                      | 10073                                | 207                    | 35.98                              | \$279.99*   |
| GeForce GTX 1060 3GB                  | 9757                                 | 211                    | 41.44                              | \$235.47*   |
| GeForce GTX 1060 5GB                  | 9058                                 | 231                    | 18.56                              | \$487.99*   |
| GeForce GTX 1060 (Mobile)             | 8160                                 | 255                    | NA                                 | NA          |
| GeForce GTX 1060 with Max-Q Design    | 7913                                 | 265                    | NA                                 | NA          |
| GeForce GTX 1070                      | 13508                                | 139                    | 25.49                              | \$529.99*   |
| GeForce GTX 1070 (Mobile)             | 10465                                | 198                    | NA                                 | NA          |
| GeForce GTX 1070 Ti                   | 14688                                | 114                    | 25.77                              | \$569.99*   |
| GeForce GTX 1070 with Max-Q Design    | 9918                                 | 209                    | NA                                 | NA          |

| Videocard Name                        | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---------------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce GTX 1080                      | 15539                                | 100                    | 35.09                              | \$442.79*   |
| GeForce GTX 1080 Ti                   | 18564                                | 70                     | 38.37                              | \$483.82*   |
| GeForce GTX 1080 with Max-Q Design    | 11469                                | 183                    | NA                                 | NA          |
| GeForce GTX 1630                      | 4996                                 | 403                    | 26.30                              | \$189.99*   |
| GeForce GTX 1650                      | 7876                                 | 267                    | 52.51                              | \$149.99    |
| GeForce GTX 1650 (Mobile)             | 6968                                 | 298                    | NA                                 | NA          |
| GeForce GTX 1650 SUPER                | 10155                                | 205                    | 40.62                              | \$249.99*   |
| GeForce GTX 1650 Ti                   | 7553                                 | 279                    | NA                                 | NA          |
| GeForce GTX 1650 Ti with Max-Q Design | 6435                                 | 316                    | NA                                 | NA          |
| GeForce GTX 1650 with Max-Q Design    | 6185                                 | 328                    | NA                                 | NA          |
| GeForce GTX 1660                      | 11679                                | 177                    | 29.27                              | \$399.00    |
| GeForce GTX 1660 SUPER                | 12766                                | 153                    | 58.03                              | \$219.99    |
| GeForce GTX 1660 Ti                   | 12914                                | 150                    | 43.05                              | \$299.99    |

| Videocard Name                        | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---------------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce GTX 1660 Ti (Mobile)          | 10174                                | 204                    | NA                                 | NA          |
| GeForce GTX 1660 Ti with Max-Q Design | 8597                                 | 246                    | NA                                 | NA          |
| GeForce GTX Titan                     | 8189                                 | 253                    | 10.99                              | \$745.00*   |
| GeForce GTX TITAN Black               | 8971                                 | 233                    | 17.09                              | \$524.99*   |
| GeForce GTX TITAN X                   | 12988                                | 148                    | 11.84                              | \$1,096.99* |
| GeForce GTX TITAN Z                   | 8986                                 | 232                    | 5.93                               | \$1,515.00* |
| GeForce MX110                         | 1436                                 | 958                    | NA                                 | NA          |
| GeForce MX130                         | 1842                                 | 821                    | NA                                 | NA          |
| GeForce MX150                         | 2277                                 | 699                    | 38.42                              | \$59.29*    |
| GeForce MX230                         | 1835                                 | 827                    | NA                                 | NA          |
| GeForce MX250                         | 2420                                 | 661                    | NA                                 | NA          |
| GeForce MX330                         | 2442                                 | 656                    | NA                                 | NA          |
| GeForce MX350                         | 2806                                 | 590                    | NA                                 | NA          |
| GeForce MX450                         | 3734                                 | 485                    | NA                                 | NA          |

| Videocard Name                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|------------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce MX550                      | 4532                                 | 431                    | NA                                 | NA          |
| GeForce MX570                      | 5741                                 | 346                    | NA                                 | NA          |
| GeForce MX570 A                    | 6039                                 | 335                    | NA                                 | NA          |
| GeForce PCX 5300                   | 6                                    | 2444                   | NA                                 | NA          |
| GeForce PCX 5750                   | 34                                   | 2322                   | NA                                 | NA          |
| GeForce PCX 5900                   | 34                                   | 2328                   | NA                                 | NA          |
| GeForce RTX 2050                   | 7680                                 | 273                    | NA                                 | NA          |
| GeForce RTX 2060                   | 14144                                | 122                    | 31.29                              | \$452.01    |
| GeForce RTX 2060 12GB              | 15860                                | 96                     | NA                                 | NA          |
| GeForce RTX 2060 (Mobile)          | 11354                                | 186                    | NA                                 | NA          |
| GeForce RTX 2060 SUPER             | 16556                                | 87                     | 39.80                              | \$415.98*   |
| GeForce RTX 2060 with Max-Q Design | 9742                                 | 212                    | NA                                 | NA          |
| GeForce RTX 2070                   | 16164                                | 93                     | 41.51                              | \$389.46*   |
| GeForce RTX 2070 (Mobile)          | 12354                                | 163                    | NA                                 | NA          |

| Videocard Name                           | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce RTX 2070 SUPER                   | 18240                                | 72                     | 33.78                              | \$539.99*   |
| GeForce RTX 2070 Super with Max-Q Design | 13778                                | 129                    | NA                                 | NA          |
| GeForce RTX 2070 with Max-Q Design       | 11695                                | 176                    | NA                                 | NA          |
| GeForce RTX 2080                         | 18801                                | 66                     | 23.48                              | \$800.61*   |
| GeForce RTX 2080 (Mobile)                | 15107                                | 110                    | NA                                 | NA          |
| GeForce RTX 2080 SUPER                   | 19578                                | 62                     | 28.59                              | \$684.86*   |
| GeForce RTX 2080 Super with Max-Q Design | 13844                                | 126                    | NA                                 | NA          |
| GeForce RTX 2080 Ti                      | 21763                                | 44                     | 16.74                              | \$1,299.99  |
| Videocard Name                           | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| GeForce RTX 2080 with Max-Q Design       | 13131                                | 145                    | 6.25                               | \$2,099.99* |
| GeForce RTX 3050 4GB Laptop GPU          | 6780                                 | 304                    | NA                                 | NA          |
| GeForce RTX 3050 6GB                     | 10658                                | 195                    | 62.70                              | \$169.99    |
| GeForce RTX 3050 6GB Laptop GPU          | 10407                                | 200                    | NA                                 | NA          |
| GeForce RTX 3050 8GB                     | 12838                                | 151                    | 64.20                              | \$199.99    |

| Videocard Name                 | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce RTX 3050 Laptop GPU    | 9454                                 | 221                    | 35.02                              | \$269.99*   |
| GeForce RTX 3050 OEM           | 12022                                | 169                    | 68.71                              | \$174.97*   |
| GeForce RTX 3050 Ti Laptop GPU | 10147                                | 206                    | NA                                 | NA          |
| GeForce RTX 3060 8GB           | 15395                                | 104                    | NA                                 | NA          |
| GeForce RTX 3060 12GB          | 17019                                | 82                     | 59.86                              | \$284.34    |
| GeForce RTX 3060 Laptop GPU    | 13366                                | 141                    | 43.12                              | \$309.99*   |
| GeForce RTX 3060 Ti            | 20513                                | 49                     | 50.11                              | \$409.39    |
| GeForce RTX 3070               | 22380                                | 36                     | 45.67                              | \$489.99    |
| GeForce RTX 3070 Laptop GPU    | 15475                                | 101                    | NA                                 | NA          |
| GeForce RTX 3070 Ti            | 23630                                | 31                     | 24.23                              | \$975.40    |
| GeForce RTX 3070 Ti Laptop GPU | 18061                                | 73                     | NA                                 | NA          |
| GeForce RTX 3080               | 25269                                | 26                     | 38.64                              | \$653.92    |
| GeForce RTX 3080 12GB          | 26677                                | 23                     | NA                                 | NA          |
| GeForce RTX 3080 Laptop GPU    | 16476                                | 89                     | NA                                 | NA          |



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| Videocard Name                 | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce RTX 3080 Ti            | 27152                                | 18                     | 22.74                              | \$1,194.22  |
| GeForce RTX 3080 Ti Laptop GPU | 19845                                | 55                     | NA                                 | NA          |
| GeForce RTX 3090               | 26764                                | 21                     | 13.38                              | \$1,999.99  |
| GeForce RTX 3090 Ti            | 29710                                | 10                     | 14.85                              | \$2,000.44  |
| GeForce RTX 4050 Laptop GPU    | 14424                                | 117                    | NA                                 | NA          |
| GeForce RTX 4060               | 19620                                | 60                     | 70.07                              | \$279.99    |
| GeForce RTX 4060 Laptop GPU    | 17665                                | 75                     | NA                                 | NA          |
| GeForce RTX 4060 Ti            | 22948                                | 32                     | 62.02                              | \$369.99    |
| GeForce RTX 4060 Ti 16GB       | 22910                                | 33                     | 53.91                              | \$424.97    |
| GeForce RTX 4070               | 26966                                | 19                     | 49.94                              | \$539.99    |
| GeForce RTX 4070 Laptop GPU    | 19619                                | 61                     | NA                                 | NA          |
| GeForce RTX 4070 SUPER         | 30024                                | 9                      | 50.46                              | \$594.97    |
| GeForce RTX 4070 Ti            | 31770                                | 6                      | 43.52                              | \$729.99    |
| GeForce RTX 4070 Ti SUPER      | 31617                                | 7                      | 39.67                              | \$797.10    |

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| Videocard Name              | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-----------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GeForce RTX 4080            | 34625                                | 3                      | 36.45                              | \$949.99    |
| GeForce RTX 4080 Laptop GPU | 25313                                | 25                     | NA                                 | NA          |
| GeForce RTX 4080 SUPER      | 34164                                | 5                      | 34.17                              | \$999.99    |
| GeForce RTX 4090            | 38596                                | 1                      | 22.24                              | \$1,735.79  |
| GeForce RTX 4090 D          | 37631                                | 2                      | NA                                 | NA          |
| GeForce RTX 4090 Laptop GPU | 27741                                | 17                     | NA                                 | NA          |
| GF117                       | 554                                  | 1546                   | NA                                 | NA          |
| Glenfly Arise-GT-10C0       | 1007                                 | 1121                   | NA                                 | NA          |
| GRID GTX P40-6              | 4340                                 | 444                    | NA                                 | NA          |
| GRID K1                     | 650                                  | 1415                   | 1.65                               | \$395.00*   |
| GRID K2                     | 2736                                 | 602                    | 1.14                               | \$2,404.72  |
| GRID K120Q                  | 293                                  | 1806                   | NA                                 | NA          |
| GRID K140Q                  | 727                                  | 1343                   | NA                                 | NA          |
| GRID K160Q                  | 628                                  | 1445                   | NA                                 | NA          |

| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|----------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GRID K180Q     | 533                                  | 1572                   | NA                                 | NA          |
| GRID K220Q     | 912                                  | 1182                   | NA                                 | NA          |
| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| GRID K240Q     | 2541                                 | 640                    | NA                                 | NA          |
| GRID K260Q     | 2949                                 | 573                    | NA                                 | NA          |
| GRID K280Q     | 2839                                 | 585                    | NA                                 | NA          |
| GRID K520      | 3516                                 | 512                    | 23.44                              | \$149.99*   |
| GRID M6-0B     | 911                                  | 1183                   | NA                                 | NA          |
| GRID M6-1Q     | 2069                                 | 745                    | NA                                 | NA          |
| GRID M6-8Q     | 3568                                 | 504                    | NA                                 | NA          |
| GRID M10-0B    | 870                                  | 1212                   | NA                                 | NA          |
| GRID M10-0Q    | 795                                  | 1277                   | NA                                 | NA          |
| GRID M10-1B    | 2309                                 | 692                    | NA                                 | NA          |
| GRID M10-1Q    | 3351                                 | 532                    | NA                                 | NA          |

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| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|----------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GRID M10-2B    | 2363                                 | 672                    | NA                                 | NA          |
| GRID M10-2Q    | 2691                                 | 611                    | NA                                 | NA          |
| GRID M10-4Q    | 2976                                 | 570                    | NA                                 | NA          |
| GRID M10-8Q    | 1755                                 | 844                    | NA                                 | NA          |
| GRID M60-0B    | 1838                                 | 825                    | NA                                 | NA          |
| GRID M60-0Q    | 827                                  | 1248                   | NA                                 | NA          |
| GRID M60-1B    | 4456                                 | 437                    | NA                                 | NA          |
| GRID M60-1Q    | 3694                                 | 488                    | NA                                 | NA          |
| GRID M60-2Q    | 5203                                 | 386                    | NA                                 | NA          |
| GRID M60-4Q    | 3831                                 | 477                    | NA                                 | NA          |
| GRID M60-8A    | 5523                                 | 362                    | NA                                 | NA          |
| GRID M60-8Q    | 3883                                 | 471                    | NA                                 | NA          |
| GRID P4-1B     | 2151                                 | 728                    | NA                                 | NA          |
| GRID P4-4Q     | 6843                                 | 301                    | NA                                 | NA          |

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| Videocard Name  | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-----------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GRID P4-8A      | 3206                                 | 547                    | NA                                 | NA          |
| GRID P4-8Q      | 6733                                 | 306                    | NA                                 | NA          |
| GRID P6-2Q      | 3925                                 | 469                    | NA                                 | NA          |
| GRID P6-4Q      | 4429                                 | 440                    | NA                                 | NA          |
| GRID P40-2B     | 9842                                 | 210                    | NA                                 | NA          |
| GRID P40-2Q     | 4843                                 | 411                    | NA                                 | NA          |
| GRID P40-3Q     | 681                                  | 1387                   | NA                                 | NA          |
| GRID P40-4Q     | 5364                                 | 372                    | NA                                 | NA          |
| GRID P40-8Q     | 7432                                 | 283                    | NA                                 | NA          |
| GRID P40-24Q    | 8719                                 | 240                    | NA                                 | NA          |
| GRID P100-1B    | 2223                                 | 714                    | NA                                 | NA          |
| GRID P100-8Q    | 3267                                 | 539                    | NA                                 | NA          |
| GRID P100-16Q   | 5944                                 | 337                    | NA                                 | NA          |
| GRID RTX6000-1B | 8473                                 | 247                    | NA                                 | NA          |

| Videocard Name     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| GRID RTX6000-6Q    | 21986                                | 42                     | NA                                 | NA          |
| GRID RTX6000P-6Q   | 4777                                 | 417                    | NA                                 | NA          |
| GRID T4-1Q         | 3302                                 | 536                    | NA                                 | NA          |
| GRID T4-2B         | 2601                                 | 629                    | NA                                 | NA          |
| GRID T4-2Q         | 3450                                 | 521                    | NA                                 | NA          |
| GRID T4-4Q         | 3260                                 | 541                    | NA                                 | NA          |
| GRID T4-8Q         | 5680                                 | 350                    | NA                                 | NA          |
| GRID V100-8Q       | 16                                   | 2399                   | NA                                 | NA          |
| GRID V100D-8Q      | 4155                                 | 454                    | NA                                 | NA          |
| GT 430             | 223                                  | 1875                   | 1.56                               | \$142.88*   |
| Videocard Name     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Incredible HD      | 389                                  | 1722                   | NA                                 | NA          |
| Incredible HD 4000 | 517                                  | 1594                   | NA                                 | NA          |
| Incredible HD 4600 | 749                                  | 1318                   | NA                                 | NA          |

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| Videocard Name                                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| Intel 2nd Generation SandyBridge HD                | 169                                  | 1942                   | NA                                 | NA          |
| Intel 2nd Generation SandyBridge HD 3000           | 205                                  | 1904                   | NA                                 | NA          |
| Intel 4th Generation Haswell HD                    | 419                                  | 1699                   | NA                                 | NA          |
| Intel 865 Embedded Controller                      | 3                                    | 2512                   | NA                                 | NA          |
| Intel 915G,910G Express                            | 4                                    | 2501                   | NA                                 | NA          |
| Intel 915G/915GV/910GL Embedded Controller Functio | 4                                    | 2482                   | NA                                 | NA          |
| Intel 945G Embedded Chipset Function 0             | 4                                    | 2489                   | NA                                 | NA          |
| Intel 946GZ Embedded Chipset                       | 3                                    | 2527                   | NA                                 | NA          |
| Intel 946GZ Express                                | 2                                    | 2549                   | NA                                 | NA          |
| Intel 82845G Controller                            | 2                                    | 2558                   | NA                                 | NA          |
| Intel 82845G/GL Controller                         | 2                                    | 2546                   | NA                                 | NA          |
| Intel 82845G/GL/GE/PE/GV Controller                | 2                                    | 2537                   | NA                                 | NA          |
| Intel 82852/82855 GM/GME Controller                | 1                                    | 2569                   | NA                                 | NA          |
| Intel 82865G Controller                            | 4                                    | 2481                   | NA                                 | NA          |

| Videocard Name                       | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Intel 82915G Express                 | 5                                    | 2454                   | NA                                 | NA          |
| Intel 82915G/915GV/910GL             | 3                                    | 2511                   | NA                                 | NA          |
| Intel 82915G/GV/910GL Advanced v3.5  | 2                                    | 2545                   | NA                                 | NA          |
| Intel 82915G/GV/910GL Express        | 3                                    | 2532                   | NA                                 | NA          |
| Intel 82945G Express                 | 11                                   | 2411                   | NA                                 | NA          |
| Intel 82945G Express-Chipsatzfamilie | 8                                    | 2426                   | NA                                 | NA          |
| Intel - Express Chipset G41          | 56                                   | 2239                   | NA                                 | NA          |
| Intel - Express Chipset Q45/Q43      | 57                                   | 2234                   | NA                                 | NA          |
| Intel Arc                            | 5173                                 | 390                    | NA                                 | NA          |
| Intel Arc A310                       | 5504                                 | 364                    | 50.04                              | \$109.99    |
| Intel Arc A310 LP                    | 3862                                 | 475                    | NA                                 | NA          |
| Intel Arc A370M                      | 5115                                 | 395                    | NA                                 | NA          |
| Intel Arc A380                       | 6199                                 | 324                    | 51.66                              | \$119.99    |
| Intel Arc A530M                      | 6237                                 | 322                    | NA                                 | NA          |



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| Videocard Name                | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Intel Arc A580                | 11576                                | 181                    | 64.32                              | \$179.97    |
| Intel Arc A730M               | 10487                                | 197                    | NA                                 | NA          |
| Intel Arc A750                | 11960                                | 171                    | 59.81                              | \$199.99    |
| Intel Arc A770                | 13048                                | 147                    | 40.78                              | \$319.99    |
| Intel Arc A770M               | 11528                                | 182                    | NA                                 | NA          |
| Intel Arc Pro                 | 6245                                 | 321                    | NA                                 | NA          |
| Intel B43 Express Chipset     | 134                                  | 2006                   | NA                                 | NA          |
| Intel Coffee Lake UHD         | 1158                                 | 1052                   | NA                                 | NA          |
| Intel Extreme Controller      | 1                                    | 2560                   | NA                                 | NA          |
| Intel G33/G31 Express         | 47                                   | 2268                   | NA                                 | NA          |
| Intel G35 Express             | 2097                                 | 741                    | NA                                 | NA          |
| Intel G41 Express Chipset     | 123                                  | 2029                   | NA                                 | NA          |
| Intel G41 Express-Chipsatz    | 57                                   | 2236                   | NA                                 | NA          |
| Intel G45/G43 Express Chipset | 118                                  | 2051                   | NA                                 | NA          |

| Videocard Name                    | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-----------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Intel G45/G43/G41 Express Chipset | 67                                   | 2206                   | NA                                 | NA          |
| Intel G965 Express                | 222                                  | 1876                   | NA                                 | NA          |
| Intel GMA 3150 Express            | 2                                    | 2553                   | NA                                 | NA          |
| Intel Graphics                    | 3125                                 | 556                    | NA                                 | NA          |
| Videocard Name                    | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Intel Haswell HD - GT1            | 123                                  | 2032                   | NA                                 | NA          |
| Intel Haswell HD - GT2            | 139                                  | 1993                   | NA                                 | NA          |
| Intel HD 500                      | 299                                  | 1805                   | NA                                 | NA          |
| Intel HD 505                      | 356                                  | 1751                   | NA                                 | NA          |
| Intel HD 510                      | 624                                  | 1451                   | NA                                 | NA          |
| Intel HD 515                      | 632                                  | 1438                   | NA                                 | NA          |
| Intel HD 520                      | 866                                  | 1216                   | NA                                 | NA          |
| Intel HD 530                      | 992                                  | 1130                   | NA                                 | NA          |
| Intel HD 610                      | 689                                  | 1380                   | NA                                 | NA          |

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| Videocard Name                        | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---------------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Intel HD 615                          | 709                                  | 1362                   | NA                                 | NA          |
| Intel HD 630                          | 1110                                 | 1067                   | NA                                 | NA          |
| Intel HD 2000                         | 213                                  | 1892                   | NA                                 | NA          |
| Intel HD 3000                         | 255                                  | 1845                   | 0.27                               | \$945.00*   |
| Intel HD 4000                         | 345                                  | 1760                   | 0.22                               | \$1,592.95* |
| Intel HD 4400                         | 521                                  | 1590                   | NA                                 | NA          |
| Intel HD 4600                         | 628                                  | 1446                   | NA                                 | NA          |
| Intel HD 4600 manual-gen9_2015-134121 | 619                                  | 1456                   | NA                                 | NA          |
| Intel HD 5000                         | 584                                  | 1508                   | 0.94                               | \$625.00*   |
| Intel HD 5200                         | 830                                  | 1244                   | NA                                 | NA          |
| Intel HD 5300                         | 394                                  | 1718                   | NA                                 | NA          |
| Intel HD 5500                         | 589                                  | 1498                   | NA                                 | NA          |
| Intel HD 5600                         | 2263                                 | 706                    | NA                                 | NA          |
| Intel HD 6000                         | 861                                  | 1220                   | NA                                 | NA          |

| Videocard Name                   | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|----------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Intel HD Family                  | 460                                  | 1659                   | NA                                 | NA          |
| Intel HD Graphics 620            | 925                                  | 1174                   | NA                                 | NA          |
| Intel HD manual-15.28-1861       | 62                                   | 2220                   | NA                                 | NA          |
| Intel HD manual-gen9_2015-133271 | 165                                  | 1948                   | NA                                 | NA          |
| Intel HD Modded                  | 112                                  | 2074                   | NA                                 | NA          |
| Intel HD P530                    | 1150                                 | 1053                   | NA                                 | NA          |
| Intel HD P630                    | 1203                                 | 1037                   | NA                                 | NA          |
| Intel HD P3000                   | 275                                  | 1827                   | NA                                 | NA          |
| Intel HD P4000                   | 516                                  | 1595                   | NA                                 | NA          |
| Intel HD P4600                   | 604                                  | 1478                   | NA                                 | NA          |
| Intel HD P4600/P4700             | 634                                  | 1434                   | NA                                 | NA          |
| Intel Infoshock HD               | 193                                  | 1913                   | NA                                 | NA          |
| Intel Iris 540                   | 1260                                 | 1009                   | NA                                 | NA          |
| Intel Iris 550                   | 1433                                 | 960                    | NA                                 | NA          |

| Videocard Name               | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Intel Iris 650               | 1432                                 | 962                    | NA                                 | NA          |
| Intel Iris 5100              | 745                                  | 1326                   | NA                                 | NA          |
| Intel Iris 6100              | 895                                  | 1199                   | NA                                 | NA          |
| Intel Iris Plus              | 1815                                 | 833                    | NA                                 | NA          |
| Intel Iris Plus 640          | 1344                                 | 986                    | NA                                 | NA          |
| Intel Iris Plus 645          | 1712                                 | 857                    | NA                                 | NA          |
| Intel Iris Plus 650          | 1574                                 | 910                    | NA                                 | NA          |
| Intel Iris Plus 655          | 1734                                 | 851                    | NA                                 | NA          |
| Intel Iris Pro 580           | 1988                                 | 773                    | NA                                 | NA          |
| Intel Iris Pro 5200          | 1186                                 | 1041                   | NA                                 | NA          |
| Intel Iris Pro 6100          | 925                                  | 1175                   | NA                                 | NA          |
| Intel Iris Pro Graphics 6200 | 1467                                 | 953                    | NA                                 | NA          |
| Videocard Name               | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Intel Iris Pro P580          | 2231                                 | 710                    | NA                                 | NA          |

| Videocard Name                | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Intel Iris Pro P6300          | 1625                                 | 886                    | NA                                 | NA          |
| Intel Iris Xe                 | 2683                                 | 612                    | NA                                 | NA          |
| Intel Iris Xe MAX             | 1971                                 | 779                    | NA                                 | NA          |
| Intel Iris Xe MAX 100         | 1927                                 | 793                    | NA                                 | NA          |
| Intel Media Accelerator       | 32                                   | 2337                   | NA                                 | NA          |
| Intel Media Accelerator 500   | 3                                    | 2519                   | NA                                 | NA          |
| Intel Media Accelerator 600   | 6                                    | 2435                   | NA                                 | NA          |
| Intel Media Accelerator 3150  | 2                                    | 2536                   | NA                                 | NA          |
| Intel Media Accelerator HD    | 108                                  | 2085                   | NA                                 | NA          |
| Intel Poison Ivy              | 738                                  | 1333                   | NA                                 | NA          |
| Intel Q33 Express             | 5                                    | 2468                   | NA                                 | NA          |
| Intel Q35 Embedded            | 8                                    | 2422                   | NA                                 | NA          |
| Intel Q35 Express             | 77                                   | 2174                   | NA                                 | NA          |
| Intel Q45/Q43 Express Chipset | 202                                  | 1905                   | NA                                 | NA          |

| Videocard Name                 | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Intel Q45/Q43 Express-Chipsatz | 57                                   | 2237                   | NA                                 | NA          |
| Intel Q965/Q963 Express        | 172                                  | 1936                   | NA                                 | NA          |
| Intel Skylake HD DT GT2        | 576                                  | 1514                   | NA                                 | NA          |
| Intel UHD 630                  | 614                                  | 1463                   | NA                                 | NA          |
| Intel UHD 770                  | 1016                                 | 1114                   | NA                                 | NA          |
| Intel UHD Graphics             | 1482                                 | 947                    | NA                                 | NA          |
| Intel UHD Graphics 600         | 321                                  | 1785                   | NA                                 | NA          |
| Intel UHD Graphics 605         | 370                                  | 1739                   | NA                                 | NA          |
| Intel UHD Graphics 610         | 713                                  | 1360                   | NA                                 | NA          |
| Intel UHD Graphics 615         | 738                                  | 1334                   | NA                                 | NA          |
| Intel UHD Graphics 617         | 874                                  | 1210                   | NA                                 | NA          |
| Intel UHD Graphics 620         | 1044                                 | 1103                   | NA                                 | NA          |
| Intel UHD Graphics 630         | 1245                                 | 1015                   | NA                                 | NA          |
| Intel UHD Graphics 710         | 1076                                 | 1087                   | NA                                 | NA          |

| Videocard Name                           | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| Intel UHD Graphics 730                   | 1586                                 | 903                    | NA                                 | NA          |
| Intel UHD Graphics 750                   | 1730                                 | 853                    | NA                                 | NA          |
| Intel UHD Graphics 770                   | 1878                                 | 809                    | NA                                 | NA          |
| Intel UHD Graphics P630                  | 2157                                 | 724                    | NA                                 | NA          |
| Intel UHD Graphics P750                  | 1671                                 | 867                    | NA                                 | NA          |
| Intel US15 Embedded Media and Controller | 7                                    | 2432                   | NA                                 | NA          |
| ION                                      | 84                                   | 2153                   | 0.37                               | \$229.99*   |
| ION LE                                   | 97                                   | 2116                   | NA                                 | NA          |
| L40S                                     | 14397                                | 118                    | NA                                 | NA          |
| M860G with Mobility Radeon 4100          | 75                                   | 2178                   | NA                                 | NA          |
| M880G with Mobility Radeon HD 4200       | 92                                   | 2131                   | NA                                 | NA          |
| M880G with Mobility Radeon HD 4225       | 71                                   | 2189                   | NA                                 | NA          |
| M880G with Mobility Radeon HD 4250       | 104                                  | 2096                   | NA                                 | NA          |
| Master X3100 Driver                      | 10                                   | 2414                   | NA                                 | NA          |



| Videocard Name          | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Matrox C420 LP PCIe x16 | 597                                  | 1486                   | NA                                 | NA          |
| Matrox C680 PCIe x16    | 1903                                 | 803                    | NA                                 | NA          |
| Matrox C900 PCIe x16    | 1812                                 | 835                    | NA                                 | NA          |
| Matrox G200e WDDM 1.2   | 59                                   | 2227                   | NA                                 | NA          |
| Matrox G200e WDDM 2.0   | 100                                  | 2110                   | NA                                 | NA          |
| Matrox G200eh           | 40                                   | 2294                   | NA                                 | NA          |
| Videocard Name          | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Matrox G200eh WDDM 1.2  | 51                                   | 2248                   | NA                                 | NA          |
| Matrox G200eh WDDM 2.0  | 46                                   | 2271                   | NA                                 | NA          |
| Matrox G200eR           | 36                                   | 2314                   | NA                                 | NA          |
| Matrox G200eR WDDM 1.2  | 45                                   | 2274                   | NA                                 | NA          |
| Matrox G200eR WDDM 2.0  | 67                                   | 2207                   | NA                                 | NA          |
| Matrox G200eW           | 39                                   | 2299                   | NA                                 | NA          |
| Matrox G200eW3 WDDM 2.0 | 89                                   | 2142                   | NA                                 | NA          |

| Videocard Name                          | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---|--------------------------------------|------------------------|------------------------------------|-------------|
| Matrox G200eW WDDM 1.2                  | 50                                   | 2257                   | NA                                 | NA          |
| Matrox LUMA A310                        | 3690                                 | 490                    | NA                                 | NA          |
| Matrox LUMA A310F                       | 3873                                 | 473                    | NA                                 | NA          |
| Matrox LUMA A380P                       | 5805                                 | 342                    | NA                                 | NA          |
| Matrox M9120 PCIe x16                   | 19                                   | 2386                   | NA                                 | NA          |
| Matrox M9120 Plus LP PCIe x16           | 25                                   | 2364                   | NA                                 | NA          |
| Matrox M9125 PCIe x16                   | 25                                   | 2366                   | NA                                 | NA          |
| Matrox M9128 LP PCIe x16                | 31                                   | 2342                   | NA                                 | NA          |
| Matrox M9138 LP PCIe x16                | 42                                   | 2286                   | NA                                 | NA          |
| Matrox M9140 LP PCIe x16                | 23                                   | 2377                   | NA                                 | NA          |
| Matrox M9148 LP PCIe x16                | 40                                   | 2296                   | NA                                 | NA          |
| Matrox Millennium P650 PCIe 128         | 5                                    | 2463                   | NA                                 | NA          |
| Matrox Millennium P690 PCIe x16         | 366                                  | 1744                   | NA                                 | NA          |
| Matrox Millennium P690 Plus LP PCIe x16 | 6                                    | 2437                   | NA                                 | NA          |

| Videocard Name                          | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---|--------------------------------------|------------------------|------------------------------------|-------------|
| Matrox Parhelia 128MB                   | 3                                    | 2521                   | 0.01                               | \$393.99*   |
| Matrox Parhelia 256MB                   | 9                                    | 2416                   | NA                                 | NA          |
| Matrox Parhelia APVe                    | 5                                    | 2456                   | NA                                 | NA          |
| MEDION RADEON 9800 XXL                  | 71                                   | 2188                   | NA                                 | NA          |
| MEDION RADEON X740XL                    | 94                                   | 2123                   | NA                                 | NA          |
| Mi Pad 5 Adreno 640 GPU                 | 722                                  | 1349                   | NA                                 | NA          |
| MIRRORV3                                | 1080                                 | 1082                   | NA                                 | NA          |
| Mobile Intel965 Express                 | 17                                   | 2396                   | NA                                 | NA          |
| Mobile Intel 4 Express-Chipsatzfamilie  | 44                                   | 2280                   | NA                                 | NA          |
| Mobile Intel 45 Express                 | 43                                   | 2282                   | NA                                 | NA          |
| Mobile Intel 45 Express-Chipsatzfamilie | 117                                  | 2053                   | NA                                 | NA          |
| Mobile Intel 915GM/GMS/910GML Express   | 1                                    | 2563                   | NA                                 | NA          |
| Mobile Intel 945 Express                | 1                                    | 2564                   | NA                                 | NA          |
| Mobile Intel 945GM Express              | 5                                    | 2451                   | NA                                 | NA          |

| Videocard Name                                | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---|--------------------------------------|------------------------|------------------------------------|-------------|
| Mobile Intel 945GM/GU Express                 | 5                                    | 2464                   | NA                                 | NA          |
| Mobile Intel 965 Express                      | 47                                   | 2267                   | NA                                 | NA          |
| Mobile Intel 965 Express - BR-0907-0461 v1839 | 8                                    | 2424                   | NA                                 | NA          |
| Mobile Intel 965 Express-Chipsatzfamilie      | 24                                   | 2374                   | NA                                 | NA          |
| Mobile Intel - famiglia Express Chipset 45    | 38                                   | 2304                   | NA                                 | NA          |
| Mobile Intel HD                               | 235                                  | 1865                   | 0.49                               | \$479.98*   |
| Mobile Intel serie 4 Express                  | 44                                   | 2279                   | NA                                 | NA          |
| MOBILITY FIREGL 7800                          | 4                                    | 2478                   | NA                                 | NA          |
| MOBILITY FIREGL T2                            | 40                                   | 2293                   | NA                                 | NA          |
| MOBILITY FIREGL T2/T2e                        | 33                                   | 2331                   | NA                                 | NA          |
| MOBILITY FireGL V3200                         | 62                                   | 2222                   | NA                                 | NA          |
| MOBILITY FireGL V5000                         | 81                                   | 2162                   | NA                                 | NA          |
| MOBILITY FireGL V5200                         | 44                                   | 2276                   | NA                                 | NA          |
| MOBILITY FireGL V5250                         | 27                                   | 2355                   | NA                                 | NA          |

| Videocard Name                 | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Mobility FireGL V5725          | 219                                  | 1881                   | NA                                 | NA          |
| MOBILITY IGP 9000/9100         | 10                                   | 2415                   | NA                                 | NA          |
| Mobility Radeon 4100           | 81                                   | 2167                   | NA                                 | NA          |
| MOBILITY RADEON 7000 IGP       | 6                                    | 2443                   | NA                                 | NA          |
| MOBILITY RADEON 7500           | 3                                    | 2515                   | NA                                 | NA          |
| MOBILITY RADEON 9000           | 3                                    | 2525                   | NA                                 | NA          |
| MOBILITY RADEON 9000 IGP       | 7                                    | 2427                   | NA                                 | NA          |
| MOBILITY RADEON 9000/9100 IGP  | 5                                    | 2455                   | NA                                 | NA          |
| MOBILITY RADEON 9100 IGP       | 2                                    | 2535                   | NA                                 | NA          |
| MOBILITY RADEON 9200           | 3                                    | 2534                   | NA                                 | NA          |
| MOBILITY RADEON 9550           | 30                                   | 2348                   | NA                                 | NA          |
| MOBILITY RADEON 9600           | 36                                   | 2318                   | NA                                 | NA          |
| MOBILITY RADEON 9600 PRO TURBO | 24                                   | 2370                   | NA                                 | NA          |

| Videocard Name             | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|----------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| MOBILITY RADEON 9600/9700  | 39                                   | 2302                   | NA                                 | NA          |
| MOBILITY RADEON 9700       | 27                                   | 2354                   | NA                                 | NA          |
| MOBILITY RADEON 9800       | 46                                   | 2272                   | NA                                 | NA          |
| Mobility Radeon HD 530v    | 174                                  | 1933                   | NA                                 | NA          |
| Mobility Radeon HD 540v    | 188                                  | 1920                   | NA                                 | NA          |
| Mobility Radeon HD 545v    | 199                                  | 1908                   | NA                                 | NA          |
| Mobility Radeon HD 550v    | 266                                  | 1833                   | NA                                 | NA          |
| Mobility Radeon HD 560v    | 318                                  | 1789                   | NA                                 | NA          |
| Mobility Radeon HD 565v    | 353                                  | 1756                   | NA                                 | NA          |
| Mobility Radeon HD 2300    | 50                                   | 2255                   | NA                                 | NA          |
| Mobility Radeon HD 2400    | 89                                   | 2141                   | NA                                 | NA          |
| Mobility Radeon HD 2400 XT | 102                                  | 2105                   | NA                                 | NA          |
| Mobility Radeon HD 2600    | 167                                  | 1945                   | NA                                 | NA          |
| Mobility Radeon HD 2600 XT | 191                                  | 1916                   | NA                                 | NA          |

| Videocard Name                    | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-----------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Mobility Radeon HD 3400 Serisi    | 111                                  | 2078                   | NA                                 | NA          |
| Mobility Radeon HD 3410           | 62                                   | 2219                   | NA                                 | NA          |
| Mobility Radeon HD 3430           | 98                                   | 2115                   | NA                                 | NA          |
| Mobility Radeon HD 3450           | 91                                   | 2138                   | NA                                 | NA          |
| Mobility Radeon HD 3470           | 93                                   | 2128                   | NA                                 | NA          |
| Mobility Radeon HD 3470 Hybrid X2 | 93                                   | 2126                   | NA                                 | NA          |
| Mobility Radeon HD 3650           | 140                                  | 1990                   | 1.91                               | \$73.53*    |
| Mobility Radeon HD 3670           | 232                                  | 1868                   | NA                                 | NA          |
| Mobility Radeon HD 3850           | 365                                  | 1746                   | NA                                 | NA          |
| Mobility Radeon HD 3870           | 547                                  | 1553                   | NA                                 | NA          |
| Mobility Radeon HD 3870 X2        | 477                                  | 1635                   | NA                                 | NA          |
| Mobility Radeon HD 4200           | 90                                   | 2139                   | NA                                 | NA          |
| Mobility Radeon HD 4225           | 66                                   | 2214                   | NA                                 | NA          |
| Mobility Radeon HD 4250           | 98                                   | 2113                   | NA                                 | NA          |

| Videocard Name                 | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Mobility Radeon HD 4270        | 92                                   | 2130                   | NA                                 | NA          |
| Mobility Radeon HD 4300 Serisi | 73                                   | 2184                   | NA                                 | NA          |
| Mobility Radeon HD 4330        | 135                                  | 2004                   | NA                                 | NA          |
| Mobility Radeon HD 4350        | 148                                  | 1971                   | NA                                 | NA          |
| Mobility Radeon HD 4550        | 191                                  | 1918                   | NA                                 | NA          |
| Mobility Radeon HD 4570        | 142                                  | 1983                   | 1.88                               | \$75.90*    |
| Mobility Radeon HD 4650        | 401                                  | 1714                   | NA                                 | NA          |
| Mobility Radeon HD 4670        | 463                                  | 1654                   | NA                                 | NA          |
| Videocard Name                 | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Mobility Radeon HD 4830        | 511                                  | 1598                   | NA                                 | NA          |
| Mobility Radeon HD 4850        | 866                                  | 1217                   | NA                                 | NA          |
| Mobility Radeon HD 4870        | 719                                  | 1352                   | NA                                 | NA          |
| Mobility Radeon HD 5000        | 773                                  | 1294                   | NA                                 | NA          |
| Mobility Radeon HD 5000 Serisi | 478                                  | 1631                   | NA                                 | NA          |



| Videocard Name                | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Mobility Radeon HD 5165       | 284                                  | 1816                   | NA                                 | NA          |
| Mobility Radeon HD 5430       | 181                                  | 1924                   | NA                                 | NA          |
| Mobility Radeon HD 5450       | 214                                  | 1889                   | NA                                 | NA          |
| Mobility Radeon HD 5470       | 236                                  | 1863                   | NA                                 | NA          |
| Mobility Radeon HD 5570       | 527                                  | 1580                   | NA                                 | NA          |
| Mobility Radeon HD 5650       | 450                                  | 1674                   | NA                                 | NA          |
| Mobility Radeon HD 5730       | 499                                  | 1611                   | NA                                 | NA          |
| Mobility Radeon HD 5850       | 763                                  | 1305                   | NA                                 | NA          |
| Mobility Radeon HD 5870       | 1076                                 | 1088                   | NA                                 | NA          |
| Mobility Radeon HD serie 4200 | 96                                   | 2120                   | NA                                 | NA          |
| MOBILITY RADEON X300          | 33                                   | 2330                   | NA                                 | NA          |
| MOBILITY RADEON X600          | 50                                   | 2256                   | NA                                 | NA          |
| MOBILITY RADEON X600 SE       | 49                                   | 2259                   | NA                                 | NA          |
| MOBILITY RADEON X700          | 66                                   | 2211                   | NA                                 | NA          |

| Videocard Name             | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|----------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| MOBILITY RADEON X700 XL    | 59                                   | 2224                   | NA                                 | NA          |
| Mobility Radeon X1300      | 39                                   | 2300                   | NA                                 | NA          |
| Mobility Radeon X1350      | 39                                   | 2298                   | NA                                 | NA          |
| Mobility Radeon X1400      | 42                                   | 2283                   | NA                                 | NA          |
| Mobility Radeon X1450      | 33                                   | 2334                   | NA                                 | NA          |
| Mobility Radeon X1600      | 92                                   | 2133                   | NA                                 | NA          |
| Mobility Radeon X1700      | 104                                  | 2094                   | NA                                 | NA          |
| MOBILITY RADEON X1800      | 130                                  | 2015                   | NA                                 | NA          |
| Mobility Radeon X1900      | 134                                  | 2005                   | NA                                 | NA          |
| Mobility Radeon X2300      | 48                                   | 2263                   | NA                                 | NA          |
| Mobility Radeon X2300 HD   | 48                                   | 2262                   | NA                                 | NA          |
| Mobility Radeon X2500      | 81                                   | 2161                   | NA                                 | NA          |
| MOBILITY RADEON XPRESS 200 | 27                                   | 2358                   | NA                                 | NA          |
| Mobility Radeon. HD 5470   | 215                                  | 1887                   | NA                                 | NA          |

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| Videocard Name           | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| MOBILITY/RADEON 9000     | 4                                    | 2498                   | NA                                 | NA          |
| MONSTER GeForce GTX 675M | 2637                                 | 619                    | NA                                 | NA          |
| MxGPU                    | 1282                                 | 1004                   | NA                                 | NA          |
| N16P-GX                  | 1204                                 | 1034                   | NA                                 | NA          |
| N18E-Q1                  | 2525                                 | 644                    | NA                                 | NA          |
| nForce 750a SLI          | 83                                   | 2157                   | NA                                 | NA          |
| nForce 760i SLI          | 140                                  | 1991                   | NA                                 | NA          |
| nForce 780a SLI          | 92                                   | 2134                   | NA                                 | NA          |
| nForce 980a/780a SLI     | 81                                   | 2164                   | NA                                 | NA          |
| NV44                     | 15                                   | 2400                   | NA                                 | NA          |
| NVIDIA A10               | 22064                                | 41                     | NA                                 | NA          |
| NVIDIA A10-4Q            | 3424                                 | 524                    | NA                                 | NA          |
| NVIDIA A10G              | 18487                                | 71                     | NA                                 | NA          |
| NVIDIA A40               | 14664                                | 115                    | NA                                 | NA          |

| Videocard Name        | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-----------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| NVIDIA A40-8Q         | 4220                                 | 452                    | NA                                 | NA          |
| NVIDIA A40-12Q        | 3370                                 | 527                    | NA                                 | NA          |
| Videocard Name        | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| NVIDIA GeForce3 Ti200 | 5                                    | 2453                   | NA                                 | NA          |
| NVIDIA TITAN X        | 13659                                | 136                    | 22.46                              | \$608.10*   |
| NVIDIA TITAN Xp       | 18657                                | 69                     | 11.34                              | \$1,645.00* |
| NVS 300               | 121                                  | 2039                   | 1.93                               | \$62.97*    |
| NVS 310               | 246                                  | 1855                   | 3.98                               | \$62.06*    |
| NVS 315               | 301                                  | 1801                   | 4.31                               | \$69.99*    |
| NVS 510               | 698                                  | 1374                   | 6.24                               | \$111.99*   |
| NVS 810               | 1179                                 | 1043                   | 1.89                               | \$624.99*   |
| NVS 2100M             | 139                                  | 1992                   | NA                                 | NA          |
| NVS 3100M             | 114                                  | 2065                   | NA                                 | NA          |
| NVS 4200M             | 277                                  | 1823                   | 0.70                               | \$399.00*   |

| Videocard Name  | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---|--------------------------------------|------------------------|------------------------------------|-------------|
| NVS 5100M   | 188                                  | 1921                   | NA                                 | NA          |
| NVS 5200M   | 512                                  | 1597                   | NA                                 | NA          |
| NVS 5400M   | 625                                  | 1450                   | NA                                 | NA          |
| OPAL XT/GL  | 1053                                 | 1097                   | NA                                 | NA          |
| P104-100  | 3743                                 | 483                    | 12.48                              | \$299.99*   |
| P106-090  | 2342                                 | 680                    | NA                                 | NA          |
| P106-100  | 6390                                 | 317                    | NA                                 | NA          |
| Parsec Virtual Display Adapter                        | 8599                                 | 245                    | NA                                 | NA          |
| PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C3<br>Ryzen | 1653                                 | 873                    | NA                                 | NA          |
| PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C7<br>Ryzen | 1642                                 | 876                    | NA                                 | NA          |
| PHDGD Ivy 4   | 374                                  | 1738                   | NA                                 | NA          |
| PHDGD Ivy 5   | 445                                  | 1680                   | NA                                 | NA          |
| PHDGD Quantic C3                                      | 116                                  | 2054                   | NA                                 | NA          |

| Videocard Name                         | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| PHDGD Sapphire GR for Mobile Intel 965 | 25                                   | 2363                   | NA                                 | NA          |
| PHDGD Solo 1.2.0 x86                   | 11                                   | 2413                   | NA                                 | NA          |
| PHDGD Solo 2 x64                       | 20                                   | 2385                   | NA                                 | NA          |
| Q12U-1                                 | 5164                                 | 391                    | NA                                 | NA          |
| Quadro2 MXR/EX                         | 4                                    | 2488                   | NA                                 | NA          |
| Quadro2 Pro                            | 1                                    | 2571                   | NA                                 | NA          |
| Quadro4 380 XGL                        | 6                                    | 2438                   | NA                                 | NA          |
| Quadro4 900 XGL                        | 4                                    | 2471                   | NA                                 | NA          |
| Quadro4 980 XGL                        | 5                                    | 2469                   | 0.01                               | \$341.43*   |
| Quadro 280 NVS PCIe                    | 5                                    | 2452                   | NA                                 | NA          |
| Quadro 400                             | 148                                  | 1970                   | 0.70                               | \$211.00*   |
| Quadro 410                             | 438                                  | 1684                   | 3.40                               | \$129.00*   |
| Quadro 500M                            | 570                                  | 1523                   | 2.07                               | \$275.14*   |
| Quadro 600                             | 532                                  | 1574                   | 7.01                               | \$76.00*    |

| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|----------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Quadro 1000M   | 569                                  | 1526                   | 10.46                              | \$54.50*    |
| Quadro 1100M   | 755                                  | 1312                   | NA                                 | NA          |
| Quadro 2000    | 947                                  | 1155                   | 4.44                               | \$213.23*   |
| Quadro 2000 D  | 1239                                 | 1016                   | NA                                 | NA          |
| Quadro 2000D   | 976                                  | 1140                   | 6.97                               | \$140.00*   |
| Quadro 2000M   | 779                                  | 1286                   | 3.39                               | \$229.74*   |
| Quadro 2100M   | 1100                                 | 1072                   | NA                                 | NA          |
| Quadro 3000M   | 991                                  | 1131                   | 14.17                              | \$69.99*    |
| Quadro 4000    | 1479                                 | 951                    | 1.47                               | \$1,008.09* |
| Quadro 4000M   | 1302                                 | 999                    | 5.61                               | \$232.06*   |
| Quadro 5000    | 1933                                 | 791                    | 0.89                               | \$2,182.74  |
| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Quadro 5000M   | 2059                                 | 749                    | NA                                 | NA          |
| Quadro 5010M   | 1771                                 | 841                    | 7.51                               | \$235.95*   |

| Videocard Name            | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Quadro 6000               | 2709                                 | 609                    | 0.66                               | \$4,092.38* |
| Quadro 7000               | 3505                                 | 514                    | NA                                 | NA          |
| Quadro CX                 | 947                                  | 1156                   | 6.32                               | \$149.95*   |
| Quadro FX 350             | 85                                   | 2147                   | NA                                 | NA          |
| Quadro FX 350M            | 44                                   | 2278                   | NA                                 | NA          |
| Quadro FX 360M            | 86                                   | 2145                   | NA                                 | NA          |
| Quadro FX 370             | 83                                   | 2156                   | 0.67                               | \$125.00*   |
| Quadro FX 370 Low Profile | 102                                  | 2100                   | NA                                 | NA          |
| Quadro FX 370 LP          | 108                                  | 2086                   | NA                                 | NA          |
| Quadro FX 370M            | 93                                   | 2129                   | NA                                 | NA          |
| Quadro FX 380             | 157                                  | 1955                   | 2.17                               | \$72.50*    |
| Quadro FX 380 LP          | 122                                  | 2035                   | NA                                 | NA          |
| Quadro FX 380M            | 120                                  | 2041                   | NA                                 | NA          |
| Quadro FX 500/600 PCI     | 14                                   | 2402                   | NA                                 | NA          |



| Videocard Name       | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|----------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Quadro FX 500/FX 600 | 7                                    | 2430                   | NA                                 | NA          |
| Quadro FX 540        | 80                                   | 2169                   | 1.35                               | \$59.99*    |
| Quadro FX 550        | 63                                   | 2217                   | 0.22                               | \$287.82*   |
| Quadro FX 560        | 113                                  | 2068                   | 0.76                               | \$150.25*   |
| Quadro FX 570        | 232                                  | 1867                   | 2.02                               | \$115.00*   |
| Quadro FX 570M       | 104                                  | 2097                   | NA                                 | NA          |
| Quadro FX 580        | 161                                  | 1952                   | 1.24                               | \$130.00*   |
| Quadro FX 770M       | 220                                  | 1879                   | 0.42                               | \$527.00*   |
| Quadro FX 880M       | 215                                  | 1888                   | NA                                 | NA          |
| Quadro FX 1000       | 34                                   | 2326                   | NA                                 | NA          |
| Quadro FX 1100       | 35                                   | 2319                   | 0.17                               | \$212.99*   |
| Quadro FX 1300       | 34                                   | 2325                   | NA                                 | NA          |
| Quadro FX 1400       | 124                                  | 2028                   | 0.51                               | \$245.01*   |
| Quadro FX 1500       | 169                                  | 1941                   | 1.48                               | \$115.01*   |

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| Videocard Name      | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Quadro FX 1500M     | 171                                  | 1937                   | NA                                 | NA          |
| Quadro FX 1600M     | 131                                  | 2013                   | 0.87                               | \$149.90*   |
| Quadro FX 1700      | 160                                  | 1953                   | 0.46                               | \$350.14*   |
| Quadro FX 1700M     | 172                                  | 1935                   | NA                                 | NA          |
| Quadro FX 1800      | 401                                  | 1713                   | 2.98                               | \$135.00*   |
| Quadro FX 1800M     | 466                                  | 1649                   | NA                                 | NA          |
| Quadro FX 2000      | 18                                   | 2393                   | NA                                 | NA          |
| Quadro FX 2500M     | 217                                  | 1883                   | 12.45                              | \$17.50*    |
| Quadro FX 2700      | 543                                  | 1563                   | NA                                 | NA          |
| Quadro FX 2700M     | 366                                  | 1743                   | 3.67                               | \$99.95*    |
| Quadro FX 2800M     | 415                                  | 1702                   | 2.18                               | \$190.00*   |
| Quadro FX 3000      | 69                                   | 2202                   | 0.41                               | \$166.61*   |
| Quadro FX 3400/4400 | 104                                  | 2095                   | NA                                 | NA          |
| Quadro FX 3450      | 148                                  | 1969                   | 1.24                               | \$119.99*   |

| Videocard Name          | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Quadro FX 3450/4000 SDI | 179                                  | 1928                   | NA                                 | NA          |
| Quadro FX 3500          | 259                                  | 1840                   | 3.77                               | \$68.98*    |
| Quadro FX 3500M         | 306                                  | 1798                   | 3.06                               | \$99.99*    |
| Quadro FX 3600M         | 466                                  | 1648                   | NA                                 | NA          |
| Quadro FX 3700          | 377                                  | 1730                   | 1.77                               | \$213.27*   |
| Videocard Name          | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Quadro FX 3700M         | 456                                  | 1668                   | 0.49                               | \$925.00*   |
| Quadro FX 3800          | 797                                  | 1273                   | 3.08                               | \$259.13*   |
| Quadro FX 3800M         | 585                                  | 1506                   | NA                                 | NA          |
| Quadro FX 4000          | 101                                  | 2109                   | NA                                 | NA          |
| Quadro FX 4500          | 227                                  | 1873                   | 1.34                               | \$169.00*   |
| Quadro FX 4500 X2       | 236                                  | 1864                   | NA                                 | NA          |
| Quadro FX 4600          | 430                                  | 1690                   | 1.29                               | \$333.25*   |
| Quadro FX 4700 X2       | 676                                  | 1394                   | NA                                 | NA          |

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| Videocard Name   | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Quadro FX 4800   | 978                                  | 1138                   | 4.80                               | \$204.00*   |
| Quadro FX 5500   | 242                                  | 1858                   | 0.12                               | \$1,999.00* |
| Quadro FX 5600   | 525                                  | 1584                   | 1.78                               | \$295.00*   |
| Quadro FX 5800   | 1223                                 | 1025                   | 4.46                               | \$274.00*   |
| Quadro FX Go1400 | 101                                  | 2106                   | NA                                 | NA          |
| Quadro GP100     | 16374                                | 91                     | NA                                 | NA          |
| Quadro GV100     | 19824                                | 56                     | 2.20                               | \$8,999.00* |
| Quadro K420      | 743                                  | 1329                   | 2.76                               | \$269.00*   |
| Quadro K510M     | 641                                  | 1427                   | NA                                 | NA          |
| Quadro K600      | 741                                  | 1332                   | 12.31                              | \$60.24*    |
| Quadro K610M     | 731                                  | 1338                   | 3.05                               | \$240.00*   |
| Quadro K620      | 2230                                 | 711                    | 1.10                               | \$2,029.99* |
| Quadro K620M     | 1165                                 | 1047                   | NA                                 | NA          |
| Quadro K1000M    | 780                                  | 1285                   | 11.15                              | \$69.95*    |

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| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|----------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Quadro K1100M  | 1088                                 | 1080                   | 3.37                               | \$322.99*   |
| Quadro K1200   | 2938                                 | 574                    | 10.30                              | \$285.29*   |
| Quadro K2000   | 1579                                 | 907                    | 5.37                               | \$294.00*   |
| Quadro K2000D  | 1586                                 | 904                    | 4.67                               | \$339.99*   |
| Quadro K2000M  | 1012                                 | 1117                   | 7.03                               | \$144.04*   |
| Quadro K2100M  | 1357                                 | 983                    | 3.26                               | \$415.99*   |
| Quadro K2200   | 3551                                 | 505                    | 13.24                              | \$268.30*   |
| Quadro K2200M  | 3468                                 | 518                    | 27.76                              | \$124.95*   |
| Quadro K3000M  | 1637                                 | 881                    | 4.02                               | \$407.56*   |
| Quadro K3100M  | 2260                                 | 708                    | 5.65                               | \$399.95*   |
| Quadro K4000   | 2724                                 | 606                    | 10.09                              | \$270.00*   |
| Quadro K4000M  | 1960                                 | 783                    | 7.72                               | \$254.00*   |
| Quadro K4100M  | 2753                                 | 598                    | 10.54                              | \$261.29*   |
| Quadro K4200   | 4322                                 | 445                    | 17.36                              | \$249.00*   |

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| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|----------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Quadro K5000   | 3993                                 | 466                    | 16.04                              | \$249.00*   |
| Quadro K5000M  | 2769                                 | 596                    | 5.44                               | \$508.91*   |
| Quadro K5100M  | 3104                                 | 559                    | 2.80                               | \$1,108.84* |
| Quadro K5200   | 6081                                 | 333                    | 14.66                              | \$415.00*   |
| Quadro K6000   | 8064                                 | 258                    | 38.28                              | \$210.66*   |
| Quadro M500M   | 1163                                 | 1049                   | NA                                 | NA          |
| Quadro M520    | 1886                                 | 808                    | NA                                 | NA          |
| Quadro M600M   | 2177                                 | 721                    | 8.64                               | \$251.99*   |
| Quadro M620    | 2800                                 | 591                    | NA                                 | NA          |
| Quadro M1000M  | 2857                                 | 581                    | 33.24                              | \$85.99*    |
| Quadro M1200   | 3225                                 | 545                    | NA                                 | NA          |
| Quadro M2000   | 3988                                 | 467                    | 15.09                              | \$264.24*   |
| Quadro M2000M  | 3465                                 | 519                    | 16.26                              | \$213.16*   |
| Videocard Name | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |

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| Videocard Name        | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-----------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Quadro M2200          | 4247                                 | 451                    | 16.99                              | \$249.99*   |
| Quadro M3000M         | 5538                                 | 361                    | 34.63                              | \$159.95*   |
| Quadro M4000          | 6677                                 | 310                    | 18.45                              | \$362.00*   |
| Quadro M4000M         | 6190                                 | 325                    | 24.29                              | \$254.91*   |
| Quadro M5000          | 9377                                 | 224                    | 18.79                              | \$499.00*   |
| Quadro M5000M         | 6977                                 | 297                    | 12.76                              | \$546.92*   |
| Quadro M5500          | 7915                                 | 264                    | NA                                 | NA          |
| Quadro M6000          | 11815                                | 175                    | 2.45                               | \$4,827.53* |
| Quadro M6000 24GB     | 11890                                | 172                    | NA                                 | NA          |
| Quadro NVS 55/280 PCI | 6                                    | 2446                   | NA                                 | NA          |
| Quadro NVS 110M       | 47                                   | 2266                   | NA                                 | NA          |
| Quadro NVS 120M       | 46                                   | 2270                   | NA                                 | NA          |
| Quadro NVS 130M       | 97                                   | 2119                   | NA                                 | NA          |
| Quadro NVS 135M       | 52                                   | 2246                   | NA                                 | NA          |

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| Videocard Name                   | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|----------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Quadro NVS 140M                  | 69                                   | 2201                   | NA                                 | NA          |
| Quadro NVS 150M                  | 70                                   | 2195                   | NA                                 | NA          |
| Quadro NVS 160M                  | 135                                  | 2003                   | NA                                 | NA          |
| Quadro NVS 210S                  | 23                                   | 2375                   | NA                                 | NA          |
| Quadro NVS 210S / GeForce 6150LE | 20                                   | 2384                   | NA                                 | NA          |
| Quadro NVS 280 PCI               | 8                                    | 2425                   | 0.06                               | \$130.00*   |
| Quadro NVS 280 SD                | 2                                    | 2555                   | NA                                 | NA          |
| Quadro NVS 285                   | 42                                   | 2287                   | 0.25                               | \$169.86*   |
| Quadro NVS 285 128MB             | 38                                   | 2306                   | 0.70                               | \$55.00*    |
| Quadro NVS 290                   | 228                                  | 1871                   | 3.86                               | \$59.00*    |
| Quadro NVS 295                   | 94                                   | 2125                   | 1.49                               | \$63.00*    |
| Quadro NVS 320M                  | 208                                  | 1900                   | NA                                 | NA          |
| Quadro NVS 420                   | 102                                  | 2101                   | 0.69                               | \$150.00*   |
| Quadro NVS 440                   | 37                                   | 2310                   | 0.16                               | \$228.87*   |



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| Videocard Name                 | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Quadro NVS 450                 | 66                                   | 2210                   | 0.42                               | \$159.00*   |
| Quadro NVS 510M                | 238                                  | 1861                   | NA                                 | NA          |
| Quadro P400                    | 1640                                 | 877                    | 8.16                               | \$201.17*   |
| Quadro P500                    | 1626                                 | 885                    | NA                                 | NA          |
| Quadro P520                    | 2099                                 | 739                    | 1.40                               | \$1,499.00* |
| Quadro P600                    | 3288                                 | 537                    | 15.61                              | \$210.58*   |
| Quadro P620                    | 3640                                 | 497                    | 6.34                               | \$574.55*   |
| Quadro P1000                   | 4450                                 | 438                    | 15.35                              | \$289.99*   |
| Quadro P2000                   | 6923                                 | 299                    | 15.75                              | \$439.60*   |
| Quadro P2000 with Max-Q Design | 5332                                 | 375                    | NA                                 | NA          |
| Quadro P2200                   | 9319                                 | 225                    | 20.27                              | \$459.80*   |
| Quadro P3000                   | 6506                                 | 313                    | NA                                 | NA          |
| Quadro P3200                   | 8874                                 | 235                    | 22.80                              | \$389.30*   |
| Quadro P3200 with Max-Q Design | 9297                                 | 226                    | NA                                 | NA          |

| Videocard Name                    | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-----------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Quadro P4000                      | 11642                                | 179                    | 20.93                              | \$556.19*   |
| Quadro P4000 with Max-Q Design    | 9082                                 | 230                    | NA                                 | NA          |
| Quadro P4200                      | 10591                                | 196                    | NA                                 | NA          |
| Quadro P4200 with Max-Q Design    | 11446                                | 184                    | NA                                 | NA          |
| Quadro P5000                      | 12518                                | 158                    | 6.70                               | \$1,868.99* |
| Quadro P5200                      | 12304                                | 166                    | NA                                 | NA          |
| Quadro P5200 with Max-Q Design    | 12355                                | 162                    | NA                                 | NA          |
| Videocard Name                    | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Quadro P6000                      | 15297                                | 107                    | 4.71                               | \$3,250.00* |
| Quadro RTX 3000                   | 11125                                | 189                    | NA                                 | NA          |
| Quadro RTX 3000 with Max-Q Design | 8198                                 | 252                    | NA                                 | NA          |
| Quadro RTX 4000                   | 15392                                | 105                    | 17.12                              | \$899.00*   |
| Quadro RTX 4000 (Mobile)          | 12484                                | 160                    | NA                                 | NA          |
| Quadro RTX 4000 with Max-Q Design | 12573                                | 156                    | NA                                 | NA          |

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| Videocard Name                    | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-----------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Quadro RTX 5000                   | 15976                                | 95                     | NA                                 | NA          |
| Quadro RTX 5000 (Mobile)          | 14832                                | 113                    | NA                                 | NA          |
| Quadro RTX 5000 with Max-Q Design | 13637                                | 138                    | NA                                 | NA          |
| Quadro RTX 6000                   | 18797                                | 67                     | 2.98                               | \$6,300.00* |
| Quadro RTX 8000                   | 19401                                | 63                     | 4.09                               | \$4,741.49* |
| Quadro T1000                      | 6483                                 | 314                    | 17.52                              | \$369.99*   |
| Quadro T1000 with Max-Q Design    | 6721                                 | 307                    | NA                                 | NA          |
| Quadro T2000                      | 7168                                 | 290                    | 13.57                              | \$528.35*   |
| Quadro T2000 with Max-Q Design    | 6890                                 | 300                    | NA                                 | NA          |
| Qualcomm Adreno 7c Gen 3 GPU      | 748                                  | 1320                   | NA                                 | NA          |
| Qualcomm Adreno 7c+ Gen 3         | 594                                  | 1490                   | NA                                 | NA          |
| Qualcomm Adreno 8cx Gen 3         | 1961                                 | 782                    | NA                                 | NA          |
| Qualcomm Adreno 540 GPU           | 118                                  | 2049                   | NA                                 | NA          |
| Qualcomm Adreno 618 GPU           | 126                                  | 2024                   | NA                                 | NA          |

| Videocard Name            | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Qualcomm Adreno 630 GPU   | 282                                  | 1817                   | NA                                 | NA          |
| Qualcomm Adreno 675 GPU   | 539                                  | 1567                   | NA                                 | NA          |
| Qualcomm Adreno 680 GPU   | 787                                  | 1279                   | NA                                 | NA          |
| Qualcomm Adreno 685 GPU   | 892                                  | 1202                   | NA                                 | NA          |
| Qualcomm Adreno 690 GPU   | 1022                                 | 1111                   | NA                                 | NA          |
| Qualcomm Adreno X1-85 GPU | 2723                                 | 607                    | NA                                 | NA          |
| QXL KMDOD                 | 18                                   | 2388                   | NA                                 | NA          |
| Radeon 520                | 867                                  | 1215                   | 9.64                               | \$89.99*    |
| Radeon 530                | 1017                                 | 1113                   | NA                                 | NA          |
| Radeon 535                | 1075                                 | 1089                   | NA                                 | NA          |
| Radeon 535DX              | 773                                  | 1290                   | NA                                 | NA          |
| Radeon 540                | 1378                                 | 978                    | NA                                 | NA          |
| Radeon 540X               | 1444                                 | 954                    | NA                                 | NA          |
| Radeon 550                | 1959                                 | 784                    | 21.78                              | \$89.99     |

| Videocard Name             | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|----------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon 550X                | 1428                                 | 965                    | NA                                 | NA          |
| Radeon 610M                | 1100                                 | 1070                   | NA                                 | NA          |
| Radeon 610M Ryzen 9 7845HX | 21622                                | 45                     | NA                                 | NA          |
| Radeon 610M Ryzen 9 7945HX | 1524                                 | 934                    | NA                                 | NA          |
| Radeon 620                 | 897                                  | 1198                   | NA                                 | NA          |
| Radeon 625                 | 1078                                 | 1085                   | NA                                 | NA          |
| Radeon 630                 | 1293                                 | 1002                   | NA                                 | NA          |
| Radeon 660M Ryzen 5 7535HS | 3546                                 | 506                    | NA                                 | NA          |
| Radeon 680M Ryzen 7 7735HS | 6166                                 | 329                    | NA                                 | NA          |
| Radeon 740M                | 3360                                 | 530                    | NA                                 | NA          |
| Radeon 760M                | 5858                                 | 340                    | NA                                 | NA          |
| Radeon 780M                | 7065                                 | 293                    | NA                                 | NA          |
| Radeon 880M                | 7557                                 | 278                    | NA                                 | NA          |
| Radeon 2100                | 59                                   | 2225                   | 0.31                               | \$190.99*   |

| Videocard Name                 | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon 3000                    | 98                                   | 2114                   | 0.31                               | \$319.00*   |
| Videocard Name                 | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Radeon 3015e                   | 370                                  | 1740                   | NA                                 | NA          |
| Radeon 3020e                   | 459                                  | 1663                   | NA                                 | NA          |
| Radeon 3100                    | 73                                   | 2182                   | 0.40                               | \$183.87    |
| Radeon 6600M                   | 525                                  | 1583                   | NA                                 | NA          |
| Radeon 6750M                   | 911                                  | 1184                   | NA                                 | NA          |
| Radeon 7000 / Radeon VE        | 2                                    | 2543                   | NA                                 | NA          |
| RADEON 7000 / RADEON VE Family | 3                                    | 2507                   | NA                                 | NA          |
| RADEON 7200                    | 2                                    | 2538                   | 0.00                               | \$599.99*   |
| RADEON 7500                    | 3                                    | 2528                   | 0.02                               | \$177.25*   |
| RADEON 7500 Family             | 4                                    | 2479                   | NA                                 | NA          |
| RADEON 8500 Family             | 6                                    | 2439                   | NA                                 | NA          |
| RADEON 9000                    | 4                                    | 2483                   | NA                                 | NA          |

| Videocard Name         | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| RADEON 9000 Family     | 3                                    | 2517                   | NA                                 | NA          |
| RADEON 9100 Family     | 6                                    | 2445                   | NA                                 | NA          |
| RADEON 9100 IGP        | 5                                    | 2461                   | NA                                 | NA          |
| RADEON 9200            | 3                                    | 2514                   | 0.02                               | \$153.63*   |
| RADEON 9200 LE Family  | 2                                    | 2547                   | NA                                 | NA          |
| RADEON 9200 PRO Family | 2                                    | 2539                   | NA                                 | NA          |
| RADEON 9200 SE         | 2                                    | 2551                   | NA                                 | NA          |
| RADEON 9250            | 2                                    | 2548                   | 0.01                               | \$194.00*   |
| RADEON 9500            | 36                                   | 2316                   | 0.90                               | \$40.50*    |
| RADEON 9500 PRO / 9700 | 41                                   | 2289                   | NA                                 | NA          |
| RADEON 9550            | 34                                   | 2323                   | 0.12                               | \$291.74*   |
| Radeon 9550 / X1050    | 29                                   | 2352                   | NA                                 | NA          |
| RADEON 9600 Family     | 25                                   | 2369                   | NA                                 | NA          |
| RADEON 9600 PRO        | 42                                   | 2284                   | NA                                 | NA          |

| Videocard Name                | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| RADEON 9600 PRO Family        | 26                                   | 2360                   | NA                                 | NA          |
| RADEON 9600 TX Family         | 18                                   | 2390                   | NA                                 | NA          |
| RADEON 9600 XT                | 35                                   | 2321                   | NA                                 | NA          |
| RADEON 9600SE                 | 27                                   | 2356                   | NA                                 | NA          |
| RADEON 9700 PRO               | 53                                   | 2242                   | NA                                 | NA          |
| Radeon 9700 TX w/TV-Out       | 44                                   | 2281                   | NA                                 | NA          |
| RADEON 9800                   | 57                                   | 2235                   | 0.18                               | \$325.00*   |
| RADEON 9800 PRO               | 59                                   | 2226                   | NA                                 | NA          |
| RADEON 9800 SE                | 23                                   | 2376                   | NA                                 | NA          |
| RADEON 9800 XT                | 56                                   | 2238                   | NA                                 | NA          |
| RADEON A9800XT                | 22                                   | 2381                   | NA                                 | NA          |
| Radeon Athlon Gold 3150U      | 773                                  | 1291                   | NA                                 | NA          |
| Radeon Athlon Gold PRO 4150GE | 1573                                 | 911                    | NA                                 | NA          |
| Radeon Athlon PRO 3045B       | 555                                  | 1542                   | NA                                 | NA          |



| Videocard Name                              | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon Athlon Silver 3050U                  | 686                                  | 1384                   | NA                                 | NA          |
| RADEON E2400                                | 51                                   | 2249                   | NA                                 | NA          |
| RADEON E4690                                | 405                                  | 1711                   | NA                                 | NA          |
| Radeon E6460                                | 323                                  | 1783                   | NA                                 | NA          |
| Radeon E6465                                | 231                                  | 1870                   | NA                                 | NA          |
| Radeon E6760                                | 876                                  | 1209                   | 3.65                               | \$239.99*   |
| Radeon E8860                                | 1686                                 | 864                    | NA                                 | NA          |
| Radeon E8870PCIe                            | 3368                                 | 529                    | NA                                 | NA          |
| Radeon Eng Sample: 100-000000085-40_35/24_Y | 1440                                 | 956                    | NA                                 | NA          |
| Videocard Name                              | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Radeon Eng Sample: 100-000000261-50_Y       | 3490                                 | 515                    | NA                                 | NA          |
| Radeon Eng Sample: 100-000000262-30_Y       | 2415                                 | 662                    | NA                                 | NA          |
| Radeon Eng Sample: 100-000000285-40_Y       | 2404                                 | 665                    | NA                                 | NA          |
| Radeon Eng Sample: 100-000000287-40_Y       | 1861                                 | 815                    | NA                                 | NA          |

| Videocard Name                              | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon Eng Sample: 100-000000300-30_Y       | 2779                                 | 594                    | NA                                 | NA          |
| Radeon Eng Sample: 100-000000300-40_Y       | 2670                                 | 614                    | NA                                 | NA          |
| Radeon Eng Sample: 100-000000371-40_42/18_Y | 2590                                 | 631                    | NA                                 | NA          |
| Radeon Eng Sample: 100-000000560-40_Y       | 4749                                 | 421                    | NA                                 | NA          |
| Radeon Eng Sample: 100-000000561-40_Y       | 4041                                 | 463                    | NA                                 | NA          |
| Radeon EPYC 4124P 4-Core                    | 1614                                 | 893                    | NA                                 | NA          |
| Radeon EPYC 4244P 6-Core                    | 1424                                 | 967                    | NA                                 | NA          |
| Radeon EPYC 4344P 8-Core                    | 1634                                 | 883                    | NA                                 | NA          |
| Radeon EPYC 4364P 8-Core                    | 1610                                 | 895                    | NA                                 | NA          |
| Radeon EPYC 4464P 12-Core                   | 1613                                 | 894                    | NA                                 | NA          |
| Radeon EPYC 4484PX 12-Core                  | 1619                                 | 888                    | NA                                 | NA          |
| Radeon EPYC 4564P 16-Core                   | 1618                                 | 889                    | NA                                 | NA          |
| Radeon EPYC 4584PX 16-Core                  | 1661                                 | 871                    | NA                                 | NA          |
| Radeon HD4650                               | 239                                  | 1859                   | 1.57                               | \$152.90*   |

| Videocard Name         | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD4670          | 365                                  | 1745                   | NA                                 | NA          |
| RADEON HD6370D         | 320                                  | 1787                   | NA                                 | NA          |
| RADEON HD6410D         | 422                                  | 1696                   | NA                                 | NA          |
| RADEON HD6530D         | 531                                  | 1576                   | NA                                 | NA          |
| RADEON HD7450          | 199                                  | 1909                   | 8.95                               | \$22.25*    |
| Radeon HD8530M         | 490                                  | 1621                   | NA                                 | NA          |
| Radeon HD8970M         | 3368                                 | 528                    | NA                                 | NA          |
| Radeon HD 2350         | 76                                   | 2175                   | NA                                 | NA          |
| Radeon HD 2400         | 120                                  | 2042                   | 1.37                               | \$88.20*    |
| Radeon HD 2400 PCI     | 14                                   | 2403                   | NA                                 | NA          |
| Radeon HD 2400 Pro     | 114                                  | 2067                   | NA                                 | NA          |
| Radeon HD 2400 XT      | 118                                  | 2046                   | NA                                 | NA          |
| Radeon HD 2600 PRO     | 211                                  | 1895                   | 1.12                               | \$188.44*   |
| Radeon HD 2600 Pro AGP | 110                                  | 2080                   | NA                                 | NA          |

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| Videocard Name     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 2600 XT  | 282                                  | 1818                   | 1.78                               | \$159.00*   |
| Radeon HD 2900 GT  | 292                                  | 1808                   | NA                                 | NA          |
| Radeon HD 2900 PRO | 627                                  | 1447                   | NA                                 | NA          |
| Radeon HD 2900 XT  | 659                                  | 1404                   | NA                                 | NA          |
| Radeon HD 3000     | 95                                   | 2121                   | NA                                 | NA          |
| Radeon HD 3200     | 82                                   | 2158                   | NA                                 | NA          |
| Radeon HD 3300     | 126                                  | 2023                   | NA                                 | NA          |
| Radeon HD 3450     | 156                                  | 1958                   | 1.76                               | \$89.00*    |
| Radeon HD 3470     | 118                                  | 2048                   | 1.08                               | \$109.65*   |
| Radeon HD 3650 AGP | 150                                  | 1966                   | 0.81                               | \$185.00*   |
| Radeon HD 3670     | 159                                  | 1954                   | NA                                 | NA          |
| Radeon HD 3850     | 392                                  | 1720                   | NA                                 | NA          |
| Radeon HD 3850 AGP | 432                                  | 1689                   | NA                                 | NA          |
| Radeon HD 3850 X2  | 822                                  | 1251                   | NA                                 | NA          |

| Videocard Name             | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|----------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 3870             | 555                                  | 1543                   | 7.93                               | \$69.99*    |
| Radeon HD 3870 X2          | 708                                  | 1363                   | NA                                 | NA          |
| Radeon HD 4200             | 111                                  | 2076                   | NA                                 | NA          |
| Videocard Name             | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Radeon HD 4250             | 122                                  | 2036                   | NA                                 | NA          |
| Radeon HD 4270             | 109                                  | 2081                   | NA                                 | NA          |
| Radeon HD 4290             | 140                                  | 1987                   | NA                                 | NA          |
| Radeon HD 4300/4500 Serisi | 155                                  | 1961                   | NA                                 | NA          |
| Radeon HD 4330             | 115                                  | 2060                   | NA                                 | NA          |
| Radeon HD 4350             | 132                                  | 2011                   | 1.29                               | \$102.24*   |
| Radeon HD 4550             | 235                                  | 1866                   | 1.51                               | \$156.00*   |
| Radeon HD 4650             | 239                                  | 1860                   | 3.41                               | \$69.99*    |
| Radeon HD 4650 AGP         | 207                                  | 1901                   | NA                                 | NA          |
| Radeon HD 4670             | 380                                  | 1728                   | 2.66                               | \$142.96*   |

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| Videocard Name      | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 4770      | 908                                  | 1186                   | 15.14                              | \$59.99*    |
| Radeon HD 4810      | 769                                  | 1300                   | NA                                 | NA          |
| Radeon HD 4830      | 835                                  | 1236                   | 13.93                              | \$59.99*    |
| Radeon HD 4850      | 934                                  | 1167                   | 2.47                               | \$378.00*   |
| Radeon HD 4850 X2   | 1132                                 | 1059                   | NA                                 | NA          |
| Radeon HD 4870      | 1372                                 | 980                    | 17.16                              | \$79.99*    |
| Radeon HD 4870 X2   | 1309                                 | 996                    | NA                                 | NA          |
| Radeon HD 4890      | 1507                                 | 938                    | 16.76                              | \$89.99*    |
| Radeon HD 5450      | 136                                  | 2000                   | 1.44                               | \$94.96*    |
| Radeon HD 5470      | 268                                  | 1831                   | NA                                 | NA          |
| Radeon HD 5550      | 376                                  | 1735                   | 6.85                               | \$54.99*    |
| Radeon HD 5570      | 479                                  | 1630                   | 2.52                               | \$189.99*   |
| Radeon HD 5600/5700 | 633                                  | 1437                   | NA                                 | NA          |
| Radeon HD 5670      | 806                                  | 1264                   | 12.04                              | \$67.00*    |

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| Videocard Name         | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 5750         | 1162                                 | 1050                   | 16.60                              | \$69.99*    |
| Radeon HD 5770         | 1341                                 | 988                    | 7.06                               | \$189.99*   |
| Radeon HD 5830         | 1733                                 | 852                    | 6.69                               | \$258.99*   |
| Radeon HD 5850         | 1976                                 | 777                    | 6.84                               | \$288.99*   |
| Radeon HD 5870         | 2218                                 | 716                    | 7.52                               | \$295.00*   |
| Radeon HD 5970         | 2282                                 | 697                    | 12.68                              | \$179.99*   |
| Radeon HD 6230         | 179                                  | 1929                   | NA                                 | NA          |
| Radeon HD 6250         | 93                                   | 2127                   | NA                                 | NA          |
| Radeon HD 6290         | 105                                  | 2092                   | NA                                 | NA          |
| Radeon HD 6290M        | 140                                  | 1989                   | NA                                 | NA          |
| Radeon HD 6300M        | 143                                  | 1979                   | NA                                 | NA          |
| Radeon HD 6310         | 122                                  | 2037                   | NA                                 | NA          |
| Radeon HD 6320         | 147                                  | 1973                   | 0.27                               | \$554.99*   |
| Radeon HD 6320 Graphic | 216                                  | 1886                   | NA                                 | NA          |

| Videocard Name              | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-----------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 6320M             | 198                                  | 1910                   | NA                                 | NA          |
| RADEON HD 6350              | 140                                  | 1986                   | 2.39                               | \$59.00*    |
| Radeon HD 6370D             | 255                                  | 1846                   | NA                                 | NA          |
| Radeon HD 6370M             | 275                                  | 1825                   | NA                                 | NA          |
| Radeon HD 6380G             | 200                                  | 1907                   | 0.50                               | \$399.99*   |
| Radeon HD 6410D             | 236                                  | 1862                   | NA                                 | NA          |
| Radeon HD 6430M             | 192                                  | 1915                   | NA                                 | NA          |
| Radeon HD 6450              | 197                                  | 1911                   | 2.22                               | \$89.00*    |
| Radeon HD 6450 + 8470D Dual | 762                                  | 1306                   | NA                                 | NA          |
| Radeon HD 6450A             | 260                                  | 1839                   | NA                                 | NA          |
| Radeon HD 6470M             | 227                                  | 1872                   | 0.40                               | \$569.99*   |
| Videocard Name              | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Radeon HD 6480G             | 256                                  | 1842                   | NA                                 | NA          |
| Radeon HD 6480M             | 353                                  | 1755                   | NA                                 | NA          |



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| Videocard Name              | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-----------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 6490M             | 377                                  | 1731                   | 0.32                               | \$1,193.03* |
| Radeon HD 6520G             | 299                                  | 1804                   | NA                                 | NA          |
| Radeon HD 6530D             | 337                                  | 1768                   | NA                                 | NA          |
| Radeon HD 6550A             | 707                                  | 1364                   | NA                                 | NA          |
| Radeon HD 6550D             | 400                                  | 1715                   | NA                                 | NA          |
| Radeon HD 6570              | 554                                  | 1544                   | 8.54                               | \$64.99*    |
| Radeon HD 6610M             | 565                                  | 1531                   | NA                                 | NA          |
| Radeon HD 6620G             | 341                                  | 1763                   | NA                                 | NA          |
| Radeon HD 6630M             | 684                                  | 1386                   | NA                                 | NA          |
| Radeon HD 6650A             | 835                                  | 1237                   | NA                                 | NA          |
| Radeon HD 6650M             | 753                                  | 1315                   | NA                                 | NA          |
| Radeon HD 6670              | 727                                  | 1344                   | 10.54                              | \$68.99*    |
| Radeon HD 6670 + 6670 Dual  | 646                                  | 1421                   | NA                                 | NA          |
| Radeon HD 6670 + 7660D Dual | 1492                                 | 943                    | NA                                 | NA          |

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| Videocard Name      | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 6670/7670 | 945                                  | 1157                   | NA                                 | NA          |
| Radeon HD 6700M     | 1016                                 | 1115                   | NA                                 | NA          |
| Radeon HD 6750      | 1047                                 | 1100                   | 13.09                              | \$79.99*    |
| Radeon HD 6750M     | 937                                  | 1163                   | NA                                 | NA          |
| Radeon HD 6770      | 1249                                 | 1013                   | 4.72                               | \$264.99*   |
| Radeon HD 6770M     | 964                                  | 1148                   | NA                                 | NA          |
| Radeon HD 6790      | 1616                                 | 892                    | 5.50                               | \$294.00*   |
| Radeon HD 6800M     | 798                                  | 1269                   | NA                                 | NA          |
| Radeon HD 6850      | 1969                                 | 780                    | 23.17                              | \$85.00*    |
| Radeon HD 6850 X2   | 2534                                 | 641                    | NA                                 | NA          |
| Radeon HD 6870      | 2218                                 | 717                    | 8.07                               | \$275.00*   |
| Radeon HD 6900M     | 1702                                 | 860                    | NA                                 | NA          |
| Radeon HD 6950      | 2616                                 | 621                    | 18.69                              | \$139.99*   |
| Radeon HD 6970      | 2836                                 | 586                    | 18.91                              | \$149.99*   |

| Videocard Name                   | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|----------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 6970M                  | 2270                                 | 702                    | 10.51                              | \$215.99*   |
| Radeon HD 6990                   | 3013                                 | 567                    | 6.04                               | \$498.49*   |
| Radeon HD 7290                   | 111                                  | 2075                   | NA                                 | NA          |
| Radeon HD 7290M                  | 123                                  | 2030                   | NA                                 | NA          |
| Radeon HD 7310                   | 128                                  | 2018                   | NA                                 | NA          |
| Radeon HD 7310 - Carte graphique | 174                                  | 1934                   | NA                                 | NA          |
| Radeon HD 7310G                  | 180                                  | 1925                   | NA                                 | NA          |
| Radeon HD 7310M                  | 166                                  | 1947                   | NA                                 | NA          |
| Radeon HD 7340                   | 153                                  | 1962                   | 0.28                               | \$552.69*   |
| Radeon HD 7340G                  | 196                                  | 1912                   | NA                                 | NA          |
| Radeon HD 7340M                  | 221                                  | 1878                   | NA                                 | NA          |
| Radeon HD 7350                   | 165                                  | 1949                   | NA                                 | NA          |
| Radeon HD 7400G                  | 267                                  | 1832                   | NA                                 | NA          |
| Radeon HD 7420G                  | 308                                  | 1796                   | NA                                 | NA          |

| Videocard Name                        | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---------------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 7450                        | 224                                  | 1874                   | 4.50                               | \$49.99*    |
| Radeon HD 7450A                       | 288                                  | 1812                   | NA                                 | NA          |
| Radeon HD 7450M                       | 329                                  | 1778                   | NA                                 | NA          |
| Radeon HD 7470                        | 289                                  | 1811                   | 3.55                               | \$81.37*    |
| Radeon HD 7470M                       | 407                                  | 1708                   | NA                                 | NA          |
| Videocard Name                        | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Radeon HD 7480D                       | 279                                  | 1821                   | NA                                 | NA          |
| Radeon HD 7500G                       | 307                                  | 1797                   | NA                                 | NA          |
| Radeon HD 7500G + 7500M/7600M Dual    | 616                                  | 1461                   | NA                                 | NA          |
| Radeon HD 7500G + 7550M Dual          | 497                                  | 1616                   | NA                                 | NA          |
| Radeon HD 7500G + HD 7500M/7600M Dual | 355                                  | 1752                   | NA                                 | NA          |
| Radeon HD 7520G                       | 316                                  | 1791                   | NA                                 | NA          |
| Radeon HD 7520G + 7400M Dual          | 486                                  | 1626                   | NA                                 | NA          |
| Radeon HD 7520G + 7470M Dual          | 542                                  | 1564                   | NA                                 | NA          |

| Videocard Name                       | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 7520G + 7500/7600 Dual     | 582                                  | 1509                   | NA                                 | NA          |
| Radeon HD 7520G + 7600M Dual         | 591                                  | 1494                   | NA                                 | NA          |
| Radeon HD 7520G + 7610M Dual         | 588                                  | 1500                   | NA                                 | NA          |
| Radeon HD 7520G + 7650M Dual         | 453                                  | 1671                   | NA                                 | NA          |
| Radeon HD 7520G + 7670M Dual         | 523                                  | 1588                   | NA                                 | NA          |
| Radeon HD 7520G + 7700M Dual         | 1060                                 | 1095                   | NA                                 | NA          |
| Radeon HD 7520G + 8600/8700M Dual    | 311                                  | 1793                   | NA                                 | NA          |
| Radeon HD 7520G + 8750M Dual         | 376                                  | 1733                   | NA                                 | NA          |
| Radeon HD 7520G + HD 7400M Dual      | 544                                  | 1559                   | NA                                 | NA          |
| Radeon HD 7520G + HD 7500/7600 Dual  | 832                                  | 1240                   | NA                                 | NA          |
| Radeon HD 7520G + HD 7600M Dual      | 447                                  | 1677                   | NA                                 | NA          |
| Radeon HD 7520G + HD 7670M Dual      | 495                                  | 1620                   | NA                                 | NA          |
| Radeon HD 7520G + HD 7700M Dual      | 574                                  | 1517                   | NA                                 | NA          |
| Radeon HD 7520G + HD 8600/8700M Dual | 623                                  | 1452                   | NA                                 | NA          |

| Videocard Name                                      | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 7520G + HD 8750M Dual                     | 651                                  | 1414                   | NA                                 | NA          |
| Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/7600 | 574                                  | 1519                   | NA                                 | NA          |
| Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D  | 364                                  | 1747                   | NA                                 | NA          |
| Radeon HD 7540D                                     | 332                                  | 1773                   | NA                                 | NA          |
| Radeon HD 7540D + 6570 Dual                         | 719                                  | 1353                   | NA                                 | NA          |
| Radeon HD 7540D + 7500 Dual                         | 821                                  | 1253                   | NA                                 | NA          |
| Radeon HD 7540D + HD 6450 Dual                      | 643                                  | 1424                   | NA                                 | NA          |
| Radeon HD 7550M                                     | 464                                  | 1652                   | NA                                 | NA          |
| Radeon HD 7550M/7650M                               | 728                                  | 1341                   | NA                                 | NA          |
| Radeon HD 7560D                                     | 457                                  | 1666                   | NA                                 | NA          |
| Radeon HD 7560D + 6450 Dual                         | 568                                  | 1528                   | NA                                 | NA          |
| Radeon HD 7560D + 6570 Dual                         | 833                                  | 1239                   | NA                                 | NA          |
| Radeon HD 7560D + 6670 Dual                         | 1130                                 | 1060                   | NA                                 | NA          |
| Radeon HD 7560D + 7560D Dual                        | 982                                  | 1137                   | NA                                 | NA          |

| Videocard Name                 | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 7560D + 7570 Dual    | 985                                  | 1134                   | NA                                 | NA          |
| Radeon HD 7560D + 7670 Dual    | 1426                                 | 966                    | NA                                 | NA          |
| Radeon HD 7560D + 7700 Dual    | 1919                                 | 798                    | NA                                 | NA          |
| Radeon HD 7560D + HD 6570 Dual | 1237                                 | 1019                   | NA                                 | NA          |
| Radeon HD 7560D + HD 6670 Dual | 1554                                 | 916                    | NA                                 | NA          |
| Radeon HD 7560D + HD 7000 Dual | 534                                  | 1571                   | NA                                 | NA          |
| Radeon HD 7560D + HD 7600 Dual | 1258                                 | 1011                   | NA                                 | NA          |
| Radeon HD 7560D + HD 7670 Dual | 1380                                 | 977                    | NA                                 | NA          |
| Radeon HD 7560D + HD 7700 Dual | 1346                                 | 985                    | NA                                 | NA          |
| Radeon HD 7560D + HD 8570 Dual | 935                                  | 1164                   | NA                                 | NA          |
| Radeon HD 7560D + R5 235 Dual  | 563                                  | 1534                   | NA                                 | NA          |
| Radeon HD 7570                 | 612                                  | 1466                   | 5.98                               | \$102.49*   |
| Radeon HD 7570M                | 427                                  | 1691                   | NA                                 | NA          |
| Videocard Name                 | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |

| Videocard Name                             | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 7570M/HD 7670M                   | 699                                  | 1373                   | NA                                 | NA          |
| Radeon HD 7580D                            | 350                                  | 1758                   | NA                                 | NA          |
| Radeon HD 7600G                            | 327                                  | 1780                   | NA                                 | NA          |
| Radeon HD 7600G + 6400M Dual               | 376                                  | 1734                   | NA                                 | NA          |
| Radeon HD 7600G + 7450M Dual               | 389                                  | 1721                   | NA                                 | NA          |
| Radeon HD 7600G + 7500M/7600M Dual         | 405                                  | 1710                   | NA                                 | NA          |
| Radeon HD 7600G + 7550M Dual               | 423                                  | 1695                   | NA                                 | NA          |
| Radeon HD 7600G + 8500M/8700M Dual         | 333                                  | 1772                   | NA                                 | NA          |
| Radeon HD 7600G + HD 7400M Dual            | 328                                  | 1779                   | NA                                 | NA          |
| Radeon HD 7600G + HD 7500M/7600M Dual      | 476                                  | 1638                   | NA                                 | NA          |
| Radeon HD 7600G + HD 7550M Dual            | 509                                  | 1600                   | NA                                 | NA          |
| Radeon HD 7600G + HD 8670M Dual            | 543                                  | 1561                   | NA                                 | NA          |
| Radeon HD 7600G + HD Dual                  | 435                                  | 1686                   | NA                                 | NA          |
| Radeon HD 7600G N HD 7600G + HD ON HD Dual | 526                                  | 1582                   | NA                                 | NA          |



| Videocard Name                                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 7600M + 7600M Dual                       | 773                                  | 1292                   | NA                                 | NA          |
| Radeon HD 7610M                                    | 632                                  | 1439                   | NA                                 | NA          |
| Radeon HD 7620G                                    | 363                                  | 1748                   | NA                                 | NA          |
| Radeon HD 7620G + 8600M Dual                       | 508                                  | 1601                   | NA                                 | NA          |
| Radeon HD 7620G + 8670M Dual                       | 577                                  | 1513                   | NA                                 | NA          |
| Radeon HD 7620G + HD 8600M Dual                    | 442                                  | 1681                   | NA                                 | NA          |
| Radeon HD 7620G + HD 8670M Dual                    | 507                                  | 1605                   | NA                                 | NA          |
| Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D | 451                                  | 1673                   | NA                                 | NA          |
| Radeon HD 7640G                                    | 459                                  | 1664                   | NA                                 | NA          |
| Radeon HD 7640G + 6400M Dual                       | 526                                  | 1581                   | NA                                 | NA          |
| Radeon HD 7640G + 7400M Dual                       | 637                                  | 1429                   | NA                                 | NA          |
| Radeon HD 7640G + 7450M Dual                       | 754                                  | 1313                   | NA                                 | NA          |
| Radeon HD 7640G + 7470M Dual                       | 595                                  | 1489                   | NA                                 | NA          |
| Radeon HD 7640G + 7500/7600 Dual                   | 627                                  | 1448                   | NA                                 | NA          |

| Videocard Name                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|------------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 7640G + 7500M/7600M Dual | 775                                  | 1289                   | NA                                 | NA          |
| Radeon HD 7640G + 7600M Dual       | 705                                  | 1367                   | NA                                 | NA          |
| Radeon HD 7640G + 7610M Dual       | 510                                  | 1599                   | NA                                 | NA          |
| Radeon HD 7640G + 7650M Dual       | 747                                  | 1321                   | NA                                 | NA          |
| Radeon HD 7640G + 7670M Dual       | 644                                  | 1423                   | NA                                 | NA          |
| Radeon HD 7640G + 7690M Dual       | 945                                  | 1158                   | NA                                 | NA          |
| Radeon HD 7640G + 7700M Dual       | 690                                  | 1379                   | NA                                 | NA          |
| Radeon HD 7640G + 8500M Dual       | 585                                  | 1505                   | NA                                 | NA          |
| Radeon HD 7640G + 8570M Dual       | 558                                  | 1539                   | NA                                 | NA          |
| Radeon HD 7640G + 8600/8700M Dual  | 688                                  | 1383                   | NA                                 | NA          |
| Radeon HD 7640G + 8600M Dual       | 249                                  | 1852                   | NA                                 | NA          |
| Radeon HD 7640G + 8670M Dual       | 558                                  | 1538                   | NA                                 | NA          |
| Radeon HD 7640G + 8750M Dual       | 654                                  | 1408                   | NA                                 | NA          |
| Radeon HD 7640G + HD 7400M Dual    | 621                                  | 1454                   | NA                                 | NA          |

| Videocard Name                             | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 7640G + HD 7500/7600 Dual        | 423                                  | 1694                   | NA                                 | NA          |
| Radeon HD 7640G + HD 7600M Dual            | 704                                  | 1369                   | NA                                 | NA          |
| Radeon HD 7640G + HD 7600M N HD 7600M Dual | 406                                  | 1709                   | NA                                 | NA          |
| Radeon HD 7640G + HD 7670M Dual            | 518                                  | 1593                   | NA                                 | NA          |
| Radeon HD 7640G + HD 7700M Dual            | 589                                  | 1497                   | NA                                 | NA          |
| Radeon HD 7640G + HD 7700M N HD 7700M Dual | 630                                  | 1440                   | NA                                 | NA          |
| Radeon HD 7640G + HD 8500M Dual            | 607                                  | 1473                   | NA                                 | NA          |
| Videocard Name                             | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Radeon HD 7640G + HD 8500M N HD 8500M Dual | 665                                  | 1399                   | NA                                 | NA          |
| Radeon HD 7640G + HD 8570M Dual            | 474                                  | 1643                   | NA                                 | NA          |
| Radeon HD 7640G + HD 8600/8700M Dual       | 586                                  | 1503                   | NA                                 | NA          |
| Radeon HD 7640G + HD 8670M Dual            | 677                                  | 1392                   | NA                                 | NA          |
| Radeon HD 7640G + HD 8750M Dual            | 996                                  | 1127                   | NA                                 | NA          |
| Radeon HD 7640G + R5 M200 Dual             | 559                                  | 1536                   | NA                                 | NA          |

| Videocard Name                                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D | 824                                  | 1250                   | NA                                 | NA          |
| Radeon HD 7640G N HD 7640G + HD 7670M Dual         | 679                                  | 1389                   | NA                                 | NA          |
| Radeon HD 7640G N HD 7640G + HD 8570M Dual         | 422                                  | 1697                   | NA                                 | NA          |
| Radeon HD 7650A                                    | 570                                  | 1524                   | 2.18                               | \$262.00*   |
| Radeon HD 7650M                                    | 442                                  | 1682                   | NA                                 | NA          |
| Radeon HD 7660D                                    | 501                                  | 1610                   | NA                                 | NA          |
| Radeon HD 7660D + 6570 Dual                        | 1100                                 | 1071                   | NA                                 | NA          |
| Radeon HD 7660D + 6670 Dual                        | 1238                                 | 1018                   | NA                                 | NA          |
| Radeon HD 7660D + 7470 Dual                        | 465                                  | 1651                   | NA                                 | NA          |
| Radeon HD 7660D + 7500 Dual                        | 1121                                 | 1063                   | NA                                 | NA          |
| Radeon HD 7660D + 7540D Dual                       | 1204                                 | 1035                   | NA                                 | NA          |
| Radeon HD 7660D + 7670 Dual                        | 1061                                 | 1094                   | NA                                 | NA          |
| Radeon HD 7660D + HD 6670 Dual                     | 1484                                 | 946                    | NA                                 | NA          |
| Radeon HD 7660D + HD 7000 Dual                     | 633                                  | 1436                   | NA                                 | NA          |

| Videocard Name                 | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 7660D + HD 7400 Dual | 339                                  | 1766                   | NA                                 | NA          |
| Radeon HD 7660D + HD 7700 Dual | 1958                                 | 785                    | NA                                 | NA          |
| Radeon HD 7660D + R5 235 Dual  | 523                                  | 1586                   | NA                                 | NA          |
| Radeon HD 7660D + R7 240 Dual  | 941                                  | 1162                   | NA                                 | NA          |
| Radeon HD 7660G                | 476                                  | 1637                   | NA                                 | NA          |
| Radeon HD 7660G + 7400M Dual   | 588                                  | 1501                   | NA                                 | NA          |
| Radeon HD 7660G + 7470M Dual   | 630                                  | 1441                   | NA                                 | NA          |
| Radeon HD 7660G + 7600M Dual   | 831                                  | 1243                   | NA                                 | NA          |
| Radeon HD 7660G + 7610M Dual   | 745                                  | 1324                   | NA                                 | NA          |
| Radeon HD 7660G + 7670M Dual   | 743                                  | 1328                   | NA                                 | NA          |
| Radeon HD 7660G + 7700M Dual   | 757                                  | 1311                   | NA                                 | NA          |
| Radeon HD 7660G + 7730M Dual   | 931                                  | 1169                   | NA                                 | NA          |
| Radeon HD 7660G + 8600M Dual   | 445                                  | 1678                   | NA                                 | NA          |
| Radeon HD 7660G + 8670M Dual   | 587                                  | 1502                   | NA                                 | NA          |

| Videocard Name                                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 7660G + HD 7500/7600 7500/7600 Dual      | 1002                                 | 1123                   | NA                                 | NA          |
| Radeon HD 7660G + HD 7500/7600 Dual                | 760                                  | 1308                   | NA                                 | NA          |
| Radeon HD 7660G + HD 7500M/7600M Dual              | 999                                  | 1126                   | NA                                 | NA          |
| Radeon HD 7660G + HD 7600M Dual                    | 523                                  | 1587                   | NA                                 | NA          |
| Radeon HD 7660G + HD 7600M N HD 7600M Dual         | 460                                  | 1662                   | NA                                 | NA          |
| Radeon HD 7660G + HD 7670M Dual                    | 706                                  | 1365                   | NA                                 | NA          |
| Radeon HD 7660G + HD 7700M Dual                    | 777                                  | 1288                   | NA                                 | NA          |
| Radeon HD 7660G + HD 7730M Dual                    | 881                                  | 1207                   | NA                                 | NA          |
| Radeon HD 7660G + HD 8500M Dual                    | 758                                  | 1309                   | NA                                 | NA          |
| Radeon HD 7660G + HD 8600/8700M Dual               | 747                                  | 1322                   | NA                                 | NA          |
| Radeon HD 7660G + HD 8600M Dual                    | 363                                  | 1749                   | NA                                 | NA          |
| Radeon HD 7660G + HD 8670M Dual                    | 711                                  | 1361                   | NA                                 | NA          |
| Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D | 722                                  | 1347                   | NA                                 | NA          |
| Radeon HD 7660G N HD 7660G + HD 7670M Dual         | 704                                  | 1368                   | NA                                 | NA          |

| Videocard Name                                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D | 966                                  | 1146                   | NA                                 | NA          |
| Videocard Name                                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Radeon HD 7670                                     | 813                                  | 1260                   | NA                                 | NA          |
| Radeon HD 7670A                                    | 1050                                 | 1098                   | NA                                 | NA          |
| Radeon HD 7670M                                    | 474                                  | 1640                   | 0.75                               | \$629.99*   |
| Radeon HD 7670M + 7670M Dual                       | 738                                  | 1336                   | NA                                 | NA          |
| Radeon HD 7690M                                    | 909                                  | 1185                   | NA                                 | NA          |
| Radeon HD 7690M XT                                 | 1009                                 | 1119                   | NA                                 | NA          |
| Radeon HD 7700-serie                               | 1899                                 | 804                    | NA                                 | NA          |
| Radeon HD 7730                                     | 1205                                 | 1033                   | 5.18                               | \$232.70*   |
| Radeon HD 7730M                                    | 772                                  | 1296                   | NA                                 | NA          |
| Radeon HD 7750                                     | 1701                                 | 861                    | 13.68                              | \$124.39    |
| Radeon HD 7750M                                    | 1191                                 | 1038                   | NA                                 | NA          |
| Radeon HD 7770                                     | 2171                                 | 723                    | 7.24                               | \$300.00*   |

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| Videocard Name           | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 7790           | 3090                                 | 561                    | 22.07                              | \$139.99*   |
| Radeon HD 7800-serie     | 4029                                 | 464                    | NA                                 | NA          |
| Radeon HD 7850           | 3862                                 | 474                    | 22.72                              | \$169.99*   |
| Radeon HD 7850M          | 1372                                 | 979                    | NA                                 | NA          |
| Radeon HD 7870           | 4637                                 | 425                    | 26.35                              | \$176.00*   |
| Radeon HD 7870 XT        | 4469                                 | 435                    | NA                                 | NA          |
| Radeon HD 7870M          | 1507                                 | 940                    | NA                                 | NA          |
| Radeon HD 7950 / R9 280  | 4764                                 | 419                    | 36.04                              | \$132.20*   |
| Radeon HD 7970 / R9 280X | 5247                                 | 379                    | 21.25                              | \$246.99*   |
| Radeon HD 7970M          | 3529                                 | 508                    | NA                                 | NA          |
| Radeon HD 7990           | 5565                                 | 357                    | 13.91                              | \$399.99*   |
| Radeon HD 8180           | 138                                  | 1995                   | NA                                 | NA          |
| Radeon HD 8210           | 189                                  | 1919                   | NA                                 | NA          |
| Radeon HD 8210E          | 193                                  | 1914                   | NA                                 | NA          |



| Videocard Name  | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-----------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 8240  | 246                                  | 1856                   | NA                                 | NA          |
| Radeon HD 8250  | 217                                  | 1884                   | NA                                 | NA          |
| Radeon HD 8280  | 260                                  | 1837                   | NA                                 | NA          |
| Radeon HD 8280E | 256                                  | 1844                   | NA                                 | NA          |
| Radeon HD 8280G | 269                                  | 1830                   | NA                                 | NA          |
| Radeon HD 8310E | 340                                  | 1765                   | NA                                 | NA          |
| Radeon HD 8330  | 260                                  | 1838                   | NA                                 | NA          |
| Radeon HD 8330E | 251                                  | 1850                   | NA                                 | NA          |
| Radeon HD 8350  | 162                                  | 1950                   | 1.63                               | \$99.81*    |
| Radeon HD 8350G | 304                                  | 1800                   | NA                                 | NA          |
| Radeon HD 8370D | 311                                  | 1792                   | NA                                 | NA          |
| Radeon HD 8400  | 265                                  | 1834                   | NA                                 | NA          |
| Radeon HD 8400E | 275                                  | 1826                   | NA                                 | NA          |
| Radeon HD 8410G | 435                                  | 1687                   | NA                                 | NA          |

| Videocard Name                    | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-----------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 8450G                   | 348                                  | 1759                   | NA                                 | NA          |
| Radeon HD 8450G + 8600/8700M Dual | 1070                                 | 1092                   | NA                                 | NA          |
| Radeon HD 8450G + 8600M Dual      | 545                                  | 1557                   | NA                                 | NA          |
| Radeon HD 8450G + 8670M Dual      | 474                                  | 1642                   | NA                                 | NA          |
| Radeon HD 8450G + 8750M Dual      | 637                                  | 1430                   | NA                                 | NA          |
| Radeon HD 8450G + HD 8600M Dual   | 452                                  | 1672                   | NA                                 | NA          |
| Radeon HD 8450G + HD 8670M Dual   | 477                                  | 1636                   | NA                                 | NA          |
| Radeon HD 8450G + HD 8750M Dual   | 503                                  | 1609                   | NA                                 | NA          |
| Radeon HD 8450G + R5 M230 Dual    | 578                                  | 1511                   | NA                                 | NA          |
| Videocard Name                    | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Radeon HD 8470                    | 250                                  | 1851                   | NA                                 | NA          |
| Radeon HD 8470D                   | 369                                  | 1741                   | NA                                 | NA          |
| Radeon HD 8470D + 6450 Dual       | 717                                  | 1356                   | NA                                 | NA          |
| Radeon HD 8470D + 6570 Dual       | 837                                  | 1233                   | NA                                 | NA          |

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| Videocard Name                  | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 8470D + HD 6450 Dual  | 862                                  | 1218                   | NA                                 | NA          |
| Radeon HD 8470D + HD 6670 Dual  | 1435                                 | 959                    | NA                                 | NA          |
| Radeon HD 8470D + HD 7500 Dual  | 1545                                 | 921                    | NA                                 | NA          |
| Radeon HD 8490                  | 263                                  | 1836                   | 2.93                               | \$89.99*    |
| Radeon HD 8500M                 | 419                                  | 1698                   | NA                                 | NA          |
| Radeon HD 8500M/8700M           | 852                                  | 1227                   | NA                                 | NA          |
| Radeon HD 8510G                 | 353                                  | 1753                   | NA                                 | NA          |
| Radeon HD 8510G + 8500M Dual    | 596                                  | 1487                   | NA                                 | NA          |
| Radeon HD 8510G + HD 8500M Dual | 629                                  | 1442                   | NA                                 | NA          |
| Radeon HD 8550D                 | 566                                  | 1530                   | NA                                 | NA          |
| Radeon HD 8550G                 | 410                                  | 1705                   | NA                                 | NA          |
| Radeon HD 8550G + 7600M Dual    | 901                                  | 1192                   | NA                                 | NA          |
| Radeon HD 8550G + 8500M Dual    | 602                                  | 1479                   | NA                                 | NA          |
| Radeon HD 8550G + 8570M Dual    | 532                                  | 1573                   | NA                                 | NA          |

| Videocard Name                       | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 8550G + 8600/8700M Dual    | 802                                  | 1265                   | NA                                 | NA          |
| Radeon HD 8550G + 8600M Dual         | 617                                  | 1460                   | NA                                 | NA          |
| Radeon HD 8550G + 8670M Dual         | 579                                  | 1510                   | NA                                 | NA          |
| Radeon HD 8550G + 8690M Dual         | 664                                  | 1401                   | NA                                 | NA          |
| Radeon HD 8550G + 8750M Dual         | 795                                  | 1276                   | NA                                 | NA          |
| Radeon HD 8550G + HD 7600M Dual      | 547                                  | 1552                   | NA                                 | NA          |
| Radeon HD 8550G + HD 8500M Dual      | 558                                  | 1537                   | NA                                 | NA          |
| Radeon HD 8550G + HD 8570M Dual      | 529                                  | 1579                   | NA                                 | NA          |
| Radeon HD 8550G + HD 8600/8700M Dual | 654                                  | 1410                   | NA                                 | NA          |
| Radeon HD 8550G + HD 8600M Dual      | 593                                  | 1492                   | NA                                 | NA          |
| Radeon HD 8550G + HD 8670M Dual      | 546                                  | 1555                   | NA                                 | NA          |
| Radeon HD 8550G + HD 8750M Dual      | 819                                  | 1255                   | NA                                 | NA          |
| Radeon HD 8550G + R5 M200 Dual       | 619                                  | 1457                   | NA                                 | NA          |
| Radeon HD 8550G + R5 M230 Dual       | 487                                  | 1623                   | NA                                 | NA          |

| Videocard Name                                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D | 611                                  | 1468                   | NA                                 | NA          |
| Radeon HD 8570                                     | 941                                  | 1161                   | 9.55                               | \$98.68*    |
| Radeon HD 8570 + 8670D Dual                        | 620                                  | 1455                   | NA                                 | NA          |
| Radeon HD 8570 + HD 7660D Dual                     | 949                                  | 1154                   | NA                                 | NA          |
| Radeon HD 8570D                                    | 437                                  | 1685                   | NA                                 | NA          |
| Radeon HD 8570D + 6570 Dual                        | 1239                                 | 1017                   | NA                                 | NA          |
| Radeon HD 8570D + 6670 Dual                        | 1039                                 | 1104                   | NA                                 | NA          |
| Radeon HD 8570D + HD8490 Dual                      | 374                                  | 1737                   | NA                                 | NA          |
| Radeon HD 8570D + HD 6570 Dual                     | 868                                  | 1214                   | NA                                 | NA          |
| Radeon HD 8570D + HD 6670 Dual                     | 1260                                 | 1010                   | NA                                 | NA          |
| Radeon HD 8570D + HD 7000 Dual                     | 753                                  | 1314                   | NA                                 | NA          |
| Radeon HD 8570D + HD 7700 Dual                     | 1834                                 | 828                    | NA                                 | NA          |
| Radeon HD 8570D + HD 8470 Dual                     | 338                                  | 1767                   | NA                                 | NA          |
| Radeon HD 8570D + HD 8570 Dual                     | 1032                                 | 1107                   | NA                                 | NA          |

| Videocard Name                  | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 8570D + R5 235 Dual   | 470                                  | 1647                   | NA                                 | NA          |
| Radeon HD 8570D + R7 200 Dual   | 999                                  | 1125                   | NA                                 | NA          |
| Radeon HD 8570D + R7 240 Dual   | 963                                  | 1149                   | NA                                 | NA          |
| Videocard Name                  | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Radeon HD 8570M                 | 441                                  | 1683                   | NA                                 | NA          |
| Radeon HD 8600/8700M            | 1029                                 | 1108                   | NA                                 | NA          |
| Radeon HD 8610G                 | 418                                  | 1700                   | NA                                 | NA          |
| Radeon HD 8610G + 8500M Dual    | 610                                  | 1471                   | NA                                 | NA          |
| Radeon HD 8610G + 8600M Dual    | 588                                  | 1499                   | NA                                 | NA          |
| Radeon HD 8610G + 8670M Dual    | 599                                  | 1481                   | NA                                 | NA          |
| Radeon HD 8610G + HD 8500M Dual | 645                                  | 1422                   | NA                                 | NA          |
| Radeon HD 8610G + HD 8600M Dual | 480                                  | 1629                   | NA                                 | NA          |
| Radeon HD 8610G + HD 8670M Dual | 577                                  | 1512                   | NA                                 | NA          |
| Radeon HD 8610G + R5 M200 Dual  | 676                                  | 1393                   | NA                                 | NA          |

| Videocard Name                    | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-----------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 8650D                   | 396                                  | 1716                   | NA                                 | NA          |
| Radeon HD 8650G                   | 525                                  | 1585                   | NA                                 | NA          |
| Radeon HD 8650G + 7600M Dual      | 741                                  | 1331                   | NA                                 | NA          |
| Radeon HD 8650G + 7670M Dual      | 883                                  | 1205                   | NA                                 | NA          |
| Radeon HD 8650G + 7700M Dual      | 1126                                 | 1061                   | NA                                 | NA          |
| Radeon HD 8650G + 8500M Dual      | 626                                  | 1449                   | NA                                 | NA          |
| Radeon HD 8650G + 8570M Dual      | 654                                  | 1411                   | NA                                 | NA          |
| Radeon HD 8650G + 8600/8700M Dual | 831                                  | 1242                   | NA                                 | NA          |
| Radeon HD 8650G + 8600M Dual      | 613                                  | 1465                   | NA                                 | NA          |
| Radeon HD 8650G + 8670M Dual      | 635                                  | 1433                   | NA                                 | NA          |
| Radeon HD 8650G + 8750M Dual      | 786                                  | 1280                   | NA                                 | NA          |
| Radeon HD 8650G + HD 7600M Dual   | 819                                  | 1254                   | NA                                 | NA          |
| Radeon HD 8650G + HD 7670M Dual   | 634                                  | 1435                   | NA                                 | NA          |
| Radeon HD 8650G + HD 8570M Dual   | 716                                  | 1358                   | NA                                 | NA          |

| Videocard Name                                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 8650G + HD 8600/8700M Dual               | 763                                  | 1304                   | NA                                 | NA          |
| Radeon HD 8650G + HD 8600M Dual                    | 606                                  | 1475                   | NA                                 | NA          |
| Radeon HD 8650G + HD 8600M N HD 8600M Dual         | 757                                  | 1310                   | NA                                 | NA          |
| Radeon HD 8650G + HD 8670M Dual                    | 585                                  | 1507                   | NA                                 | NA          |
| Radeon HD 8650G + HD 8750M Dual                    | 651                                  | 1413                   | NA                                 | NA          |
| Radeon HD 8650G + HD 8790M Dual                    | 799                                  | 1268                   | NA                                 | NA          |
| Radeon HD 8650G + R5 M200 Dual                     | 722                                  | 1348                   | NA                                 | NA          |
| Radeon HD 8650G + R5 M230 Dual                     | 686                                  | 1385                   | NA                                 | NA          |
| Radeon HD 8650G N HD 8650G + HD 8570M Dual         | 773                                  | 1293                   | NA                                 | NA          |
| Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual    | 796                                  | 1275                   | NA                                 | NA          |
| Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D | 679                                  | 1388                   | NA                                 | NA          |
| Radeon HD 8670D                                    | 529                                  | 1578                   | NA                                 | NA          |
| Radeon HD 8670D + 6670 Dual                        | 1361                                 | 982                    | NA                                 | NA          |
| Radeon HD 8670D + 7000 Dual                        | 811                                  | 1261                   | NA                                 | NA          |



| Videocard Name                             | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 8670D + 7700 Dual                | 1788                                 | 838                    | NA                                 | NA          |
| Radeon HD 8670D + 8570 Dual                | 974                                  | 1141                   | NA                                 | NA          |
| Radeon HD 8670D + HD 6670 Dual             | 1221                                 | 1027                   | NA                                 | NA          |
| Radeon HD 8670D + HD 7000 Dual             | 718                                  | 1355                   | NA                                 | NA          |
| Radeon HD 8670D + HD 7600 Dual             | 1317                                 | 992                    | NA                                 | NA          |
| Radeon HD 8670D + HD 7700 Dual             | 1892                                 | 807                    | NA                                 | NA          |
| Radeon HD 8670D + R5 235 Dual              | 836                                  | 1234                   | NA                                 | NA          |
| Radeon HD 8670D + R5 330 Dual              | 746                                  | 1323                   | NA                                 | NA          |
| Radeon HD 8670D + R7 200 Dual              | 949                                  | 1153                   | NA                                 | NA          |
| Radeon HD 8670D + R7 240 Dual              | 1020                                 | 1112                   | NA                                 | NA          |
| Radeon HD 8670D N HD 8670D + HD 8670D Dual | 488                                  | 1622                   | NA                                 | NA          |
| Videocard Name                             | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Radeon HD 8670M                            | 520                                  | 1592                   | NA                                 | NA          |
| Radeon HD 8690A                            | 498                                  | 1613                   | NA                                 | NA          |

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| Videocard Name                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|------------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon HD 8690M                    | 984                                  | 1136                   | NA                                 | NA          |
| Radeon HD 8730M                    | 761                                  | 1307                   | NA                                 | NA          |
| Radeon HD 8750M                    | 994                                  | 1128                   | NA                                 | NA          |
| Radeon HD 8790M                    | 1305                                 | 998                    | NA                                 | NA          |
| Radeon HD 8790M / R9 M290X         | 1210                                 | 1028                   | NA                                 | NA          |
| Radeon HD 8850M                    | 973                                  | 1142                   | NA                                 | NA          |
| Radeon HD 8850M / R9 M265X         | 1139                                 | 1055                   | NA                                 | NA          |
| Radeon HD 8870M                    | 1638                                 | 880                    | NA                                 | NA          |
| Radeon HD 8870M / R9 M270X / M370X | 1799                                 | 836                    | NA                                 | NA          |
| Radeon HD 8950                     | 2741                                 | 600                    | NA                                 | NA          |
| Radeon HD 8970M                    | 3876                                 | 472                    | 27.69                              | \$139.99*   |
| Radeon HD 8990                     | 5214                                 | 384                    | NA                                 | NA          |
| Radeon HD HD7850M                  | 1651                                 | 874                    | NA                                 | NA          |
| Radeon HDG 4670                    | 170                                  | 1938                   | NA                                 | NA          |

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| Videocard Name             | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|----------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| RADEON IGP 34xM            | 1                                    | 2566                   | NA                                 | NA          |
| RADEON IGP 320             | 3                                    | 2509                   | NA                                 | NA          |
| Radeon IGP 320M            | 3                                    | 2516                   | NA                                 | NA          |
| Radeon IGP 340M            | 2                                    | 2554                   | NA                                 | NA          |
| RADEON IGP 345M            | 2                                    | 2542                   | NA                                 | NA          |
| RADEON IGP 350M            | 6                                    | 2447                   | NA                                 | NA          |
| Radeon Infoshock 3000      | 106                                  | 2087                   | NA                                 | NA          |
| Radeon Instinct MI25 MxGPU | 4978                                 | 405                    | NA                                 | NA          |
| Radeon M535DX              | 749                                  | 1319                   | NA                                 | NA          |
| Radeon Pro                 | 2109                                 | 734                    | 4.92                               | \$429.00    |
| Radeon Pro 450             | 2722                                 | 608                    | NA                                 | NA          |
| Radeon Pro 455             | 3112                                 | 557                    | 6.93                               | \$449.00*   |
| Radeon Pro 460             | 3452                                 | 520                    | NA                                 | NA          |
| Radeon Pro 465             | 4537                                 | 429                    | NA                                 | NA          |

| Videocard Name     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon Pro 555     | 3140                                 | 555                    | 2.99                               | \$1,049.00* |
| Radeon Pro 560     | 3475                                 | 516                    | NA                                 | NA          |
| Radeon Pro 560X    | 3677                                 | 491                    | NA                                 | NA          |
| Radeon Pro 570     | 6336                                 | 318                    | NA                                 | NA          |
| Radeon Pro 580     | 7753                                 | 271                    | NA                                 | NA          |
| Radeon Pro 580X    | 7540                                 | 281                    | NA                                 | NA          |
| Radeon Pro 5300    | 7143                                 | 291                    | NA                                 | NA          |
| Radeon Pro 5300M   | 5966                                 | 336                    | NA                                 | NA          |
| Radeon Pro 5500 XT | 8358                                 | 250                    | NA                                 | NA          |
| Radeon Pro 5500M   | 6816                                 | 302                    | NA                                 | NA          |
| Radeon Pro 5600M   | 9232                                 | 227                    | NA                                 | NA          |
| Radeon Pro 5700    | 11844                                | 173                    | NA                                 | NA          |
| Radeon Pro 5700 XT | 12613                                | 155                    | NA                                 | NA          |
| Radeon Pro Duo     | 8164                                 | 254                    | 2.06                               | \$3,970.36* |

| Videocard Name               | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon PRO Ryzen 5 PRO 6650U | 4066                                 | 461                    | NA                                 | NA          |
| Radeon PRO Ryzen 7 PRO 6850U | 5707                                 | 349                    | NA                                 | NA          |
| Radeon Pro SSG               | 10971                                | 191                    | 4.55                               | \$2,410.15* |
| Radeon Pro V340 MxGPU        | 2853                                 | 582                    | NA                                 | NA          |
| Radeon Pro V520 MxGPU        | 12257                                | 168                    | NA                                 | NA          |
| Videocard Name               | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Radeon Pro Vega 16           | 4809                                 | 414                    | NA                                 | NA          |
| Radeon Pro Vega 20           | 5299                                 | 377                    | NA                                 | NA          |
| Radeon Pro Vega 48           | 11299                                | 188                    | NA                                 | NA          |
| Radeon Pro Vega 56           | 12353                                | 164                    | NA                                 | NA          |
| Radeon Pro Vega 64           | 12949                                | 149                    | NA                                 | NA          |
| Radeon Pro Vega 64X          | 13708                                | 132                    | NA                                 | NA          |
| Radeon Pro Vega II           | 15596                                | 99                     | NA                                 | NA          |
| Radeon Pro Vega II Duo       | 14018                                | 124                    | NA                                 | NA          |

| Videocard Name    | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon Pro VII    | 12830                                | 152                    | NA                                 | NA          |
| Radeon Pro W5500  | 9116                                 | 229                    | 22.24                              | \$409.99*   |
| Radeon Pro W5500M | 2010                                 | 762                    | NA                                 | NA          |
| Radeon Pro W5500X | 7350                                 | 286                    | NA                                 | NA          |
| Radeon Pro W5700  | 15175                                | 108                    | 23.35                              | \$649.99*   |
| Radeon PRO W6300  | 5482                                 | 365                    | NA                                 | NA          |
| Radeon PRO W6400  | 8033                                 | 259                    | NA                                 | NA          |
| Radeon PRO W6600  | 15837                                | 97                     | NA                                 | NA          |
| Radeon PRO W6600X | 13113                                | 146                    | NA                                 | NA          |
| Radeon PRO W6800  | 19877                                | 54                     | 10.74                              | \$1,849.99* |
| Radeon PRO W7500  | 13695                                | 133                    | NA                                 | NA          |
| Radeon PRO W7600  | 17692                                | 74                     | NA                                 | NA          |
| Radeon PRO W7700  | 20016                                | 50                     | NA                                 | NA          |
| Radeon PRO W7800  | 28601                                | 13                     | NA                                 | NA          |

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| Videocard Name          | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon PRO W7900        | 29191                                | 11                     | NA                                 | NA          |
| Radeon Pro WX 2100      | 1832                                 | 829                    | NA                                 | NA          |
| Radeon Pro WX 3100      | 2529                                 | 642                    | NA                                 | NA          |
| Radeon Pro WX 3200      | 2431                                 | 660                    | 15.35                              | \$158.35*   |
| Radeon Pro WX 4100      | 3639                                 | 498                    | 7.28                               | \$499.99*   |
| Radeon Pro WX 4130      | 2021                                 | 760                    | NA                                 | NA          |
| Radeon Pro WX 4150      | 2615                                 | 623                    | 4.29                               | \$610.04*   |
| Radeon Pro WX 4170      | 1409                                 | 973                    | NA                                 | NA          |
| Radeon Pro WX 5100      | 5569                                 | 355                    | 15.47                              | \$359.99*   |
| Radeon Pro WX 7100      | 7901                                 | 266                    | 7.54                               | \$1,047.99* |
| Radeon Pro WX 7130      | 6715                                 | 308                    | NA                                 | NA          |
| Radeon Pro WX 8200      | 13835                                | 127                    | 8.65                               | \$1,599.39* |
| Radeon Pro WX 9100      | 12464                                | 161                    | NA                                 | NA          |
| Radeon Pro WX Vega M GL | 4643                                 | 424                    | NA                                 | NA          |

| Videocard Name                | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon R1E                    | 301                                  | 1802                   | NA                                 | NA          |
| Radeon R2                     | 247                                  | 1853                   | NA                                 | NA          |
| Radeon R2E                    | 212                                  | 1893                   | NA                                 | NA          |
| Radeon R3                     | 305                                  | 1799                   | NA                                 | NA          |
| Radeon R3E                    | 205                                  | 1902                   | NA                                 | NA          |
| Radeon R4                     | 335                                  | 1771                   | 0.84                               | \$396.99*   |
| Radeon R4E                    | 487                                  | 1625                   | NA                                 | NA          |
| Radeon R5 220                 | 148                                  | 1972                   | 1.74                               | \$85.26*    |
| Radeon R5 230                 | 221                                  | 1877                   | 2.74                               | \$81.10*    |
| Radeon R5 235                 | 336                                  | 1769                   | 5.59                               | \$60.13*    |
| Radeon R5 235 + HD 7560D Dual | 743                                  | 1327                   | NA                                 | NA          |
| Radeon R5 235 + HD 8570D Dual | 737                                  | 1337                   | NA                                 | NA          |
| Radeon R5 235X                | 277                                  | 1824                   | NA                                 | NA          |
| Videocard Name                | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |



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| Videocard Name                                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon R5 240                                      | 543                                  | 1562                   | 6.40                               | \$85.00*    |
| Radeon R5 310                                      | 331                                  | 1774                   | 0.66                               | \$499.00*   |
| Radeon R5 330                                      | 520                                  | 1591                   | 1.53                               | \$339.99*   |
| Radeon R5 340                                      | 935                                  | 1165                   | NA                                 | NA          |
| Radeon R5 420                                      | 574                                  | 1518                   | 14.39                              | \$39.95*    |
| Radeon R5 430                                      | 915                                  | 1179                   | 15.52                              | \$59.00*    |
| Radeon R5 435                                      | 850                                  | 1228                   | NA                                 | NA          |
| Radeon R5 A6-7480                                  | 698                                  | 1375                   | NA                                 | NA          |
| Radeon R5 A6-8500P                                 | 586                                  | 1504                   | NA                                 | NA          |
| Radeon R5 A6-9400 RADEON R5, 6 COMPUTE CORES 2C+4G | 605                                  | 1477                   | NA                                 | NA          |
| Radeon R5 A6-9500 2C+6G                            | 853                                  | 1225                   | NA                                 | NA          |
| Radeon R5 A6-9500 RADEON R5, 8 COMPUTE CORES 2C+6G | 921                                  | 1176                   | NA                                 | NA          |
| Radeon R5 A6-9500E 2C+4G                           | 1014                                 | 1116                   | NA                                 | NA          |

| Videocard Name                                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon R5 A6-9500E RADEON R5, 6 COMPUTE CORES 2C+4 | 726                                  | 1345                   | NA                                 | NA          |
| Radeon R5 A10-9600P 4C+6G                          | 619                                  | 1458                   | NA                                 | NA          |
| Radeon R5 A10-9600P RADEON R5, 10 COMPUTE CORES 4C | 696                                  | 1376                   | NA                                 | NA          |
| Radeon R5 A10-9620P 4C+6G                          | 731                                  | 1339                   | NA                                 | NA          |
| Radeon R5 A10-9620P RADEON R5, 10 COMPUTE CORES 4C | 673                                  | 1395                   | NA                                 | NA          |
| Radeon R5 A10-9630P 4C+6G                          | 977                                  | 1139                   | NA                                 | NA          |
| Radeon R5 A10-9630P RADEON R5, 10 COMPUTE CORES 4C | 750                                  | 1317                   | NA                                 | NA          |
| Radeon R5 A240                                     | 576                                  | 1515                   | NA                                 | NA          |
| Radeon R5 M230                                     | 414                                  | 1703                   | NA                                 | NA          |
| Radeon R5 M240                                     | 449                                  | 1675                   | NA                                 | NA          |
| Radeon R5 M255                                     | 530                                  | 1577                   | NA                                 | NA          |
| Radeon R5 M315                                     | 473                                  | 1644                   | NA                                 | NA          |

| Videocard Name                                   | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon R5 M320                                   | 449                                  | 1676                   | NA                                 | NA          |
| Radeon R5 M330                                   | 595                                  | 1488                   | NA                                 | NA          |
| Radeon R5 M335                                   | 548                                  | 1551                   | NA                                 | NA          |
| Radeon R5 M420                                   | 486                                  | 1627                   | NA                                 | NA          |
| Radeon R5 M430                                   | 648                                  | 1417                   | NA                                 | NA          |
| Radeon R5 M435                                   | 800                                  | 1267                   | NA                                 | NA          |
| Radeon R5 Opteron X3216                          | 394                                  | 1719                   | NA                                 | NA          |
| Radeon R5 PRO A6-8500B 2C+4G                     | 508                                  | 1603                   | NA                                 | NA          |
| Radeon R5 PRO A6-8500B R5, 6 Compute Cores 2C+4G | 478                                  | 1634                   | NA                                 | NA          |
| Radeon R5 PRO A6-8530B 2C+4G                     | 689                                  | 1382                   | NA                                 | NA          |
| Radeon R5 PRO A6-8570 2C+6G                      | 847                                  | 1230                   | NA                                 | NA          |
| Radeon R5 PRO A6-8570 R5, 8 COMPUTE CORES 2C+6G  | 984                                  | 1135                   | NA                                 | NA          |
| Radeon R5 PRO A6-8570E 2C+4G                     | 637                                  | 1428                   | NA                                 | NA          |
| Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G | 689                                  | 1381                   | NA                                 | NA          |

| Videocard Name                                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon R5 PRO A6-9500 2C+6G                        | 1096                                 | 1075                   | NA                                 | NA          |
| Radeon R5 PRO A6-9500 R5, 8 COMPUTE CORES 2C+6G    | 809                                  | 1263                   | NA                                 | NA          |
| Radeon R5 PRO A6-9500B 2C+4G                       | 693                                  | 1378                   | NA                                 | NA          |
| Radeon R5 PRO A6-9500B R5, 6 COMPUTE CORES 2C+4G   | 408                                  | 1706                   | NA                                 | NA          |
| Radeon R5 PRO A6-9500E 2C+4G                       | 770                                  | 1299                   | NA                                 | NA          |
| Radeon R5 PRO A8-9600B 4C+6G                       | 658                                  | 1405                   | NA                                 | NA          |
| Radeon R5 PRO A8-9600B R5, 10 COMPUTE CORES 4C+6G  | 553                                  | 1548                   | NA                                 | NA          |
| Radeon R5 PRO A10-8730B 4C+6G                      | 695                                  | 1377                   | NA                                 | NA          |
| Radeon R5 PRO A10-8730B R5, 10 COMPUTE CORES 4C+6G | 612                                  | 1467                   | NA                                 | NA          |
| Radeon R5E   | 300                                  | 1803                   | NA                                 | NA          |
| Videocard Name                                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Radeon R6  | 617                                  | 1459                   | NA                                 | NA          |
| Radeon R6 + R7 M265DX Dual                         | 570                                  | 1525                   | NA                                 | NA          |

| Videocard Name                                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon R6 A8-8600P                                 | 474                                  | 1641                   | NA                                 | NA          |
| Radeon R6 A10-8700P                                | 541                                  | 1565                   | NA                                 | NA          |
| Radeon R6 A10-9600P 4C+6G                          | 970                                  | 1144                   | NA                                 | NA          |
| Radeon R6 M255DX                                   | 605                                  | 1476                   | NA                                 | NA          |
| Radeon R6 Opteron X3418                            | 955                                  | 1152                   | NA                                 | NA          |
| Radeon R6 PRO A8-8600B 4C+6G                       | 531                                  | 1575                   | NA                                 | NA          |
| Radeon R6 PRO A8-8600B R6, 10 Compute Cores 4C+6G  | 590                                  | 1495                   | NA                                 | NA          |
| Radeon R6 PRO A10-8700B 4C+6G                      | 538                                  | 1569                   | NA                                 | NA          |
| Radeon R6 PRO A10-8700B R6, 10 Compute Cores 4C+6G | 539                                  | 1566                   | NA                                 | NA          |
| Radeon R7 240                                      | 901                                  | 1191                   | 8.19                               | \$109.99*   |
| Radeon R7 240 + HD 8570D Dual                      | 917                                  | 1178                   | NA                                 | NA          |
| Radeon R7 240 + HD 8670D Dual                      | 930                                  | 1171                   | NA                                 | NA          |
| Radeon R7 250                                      | 1064                                 | 1093                   | 5.60                               | \$189.97*   |
| Radeon R7 250X                                     | 2268                                 | 704                    | 11.70                              | \$194.00*   |

| Videocard Name                          | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon R7 260                           | 2891                                 | 577                    | 32.13                              | \$89.99*    |
| Radeon R7 260X                          | 3185                                 | 549                    | 22.76                              | \$139.99*   |
| Radeon R7 340                           | 1000                                 | 1124                   | NA                                 | NA          |
| Radeon R7 360                           | 3098                                 | 560                    | 21.23                              | \$145.99*   |
| Radeon R7 370                           | 4520                                 | 433                    | NA                                 | NA          |
| Radeon R7 430                           | 1098                                 | 1073                   | 7.29                               | \$150.58*   |
| Radeon R7 450                           | 1938                                 | 790                    | 6.48                               | \$299.00*   |
| Radeon R7 7850A10-7850K                 | 551                                  | 1549                   | NA                                 | NA          |
| Radeon R7 +8G                           | 1190                                 | 1039                   | NA                                 | NA          |
| Radeon R7 + HD 7700 Dual                | 1962                                 | 781                    | NA                                 | NA          |
| Radeon R7 + R5 330 Dual                 | 1028                                 | 1109                   | NA                                 | NA          |
| Radeon R7 + R5 340 Dual                 | 1234                                 | 1020                   | NA                                 | NA          |
| Radeon R7 + R5 435 Dual A10-9700 RADEON | 885                                  | 1204                   | NA                                 | NA          |
| Radeon R7 + R5 Dual                     | 897                                  | 1197                   | NA                                 | NA          |

| Videocard Name                | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon R7 + R7 200 Dual       | 1077                                 | 1086                   | NA                                 | NA          |
| Radeon R7 + R7 240 Dual       | 1045                                 | 1101                   | NA                                 | NA          |
| Radeon R7 + R7 250 Dual       | 1232                                 | 1021                   | NA                                 | NA          |
| Radeon R7 + R7 350 Dual       | 1982                                 | 775                    | NA                                 | NA          |
| Radeon R7 A8 PRO-7600B        | 670                                  | 1396                   | NA                                 | NA          |
| Radeon R7 A8-7500             | 907                                  | 1187                   | NA                                 | NA          |
| Radeon R7 A8-7500 4C+6G       | 853                                  | 1226                   | NA                                 | NA          |
| Radeon R7 A8-7600             | 786                                  | 1281                   | NA                                 | NA          |
| Radeon R7 A8-7650K            | 745                                  | 1325                   | NA                                 | NA          |
| Radeon R7 A8-7670K            | 848                                  | 1229                   | NA                                 | NA          |
| Radeon R7 A8-7680             | 821                                  | 1252                   | NA                                 | NA          |
| Radeon R7 A8-8650             | 912                                  | 1181                   | NA                                 | NA          |
| Radeon R7 A8-9600 RADEON      | 824                                  | 1249                   | NA                                 | NA          |
| Radeon R7 A10 Extreme Edition | 816                                  | 1258                   | NA                                 | NA          |

| Videocard Name             | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|----------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon R7 A10 PRO-7800B    | 827                                  | 1247                   | NA                                 | NA          |
| Radeon R7 A10 PRO-7850B    | 882                                  | 1206                   | NA                                 | NA          |
| Radeon R7 A10-7700K        | 778                                  | 1287                   | NA                                 | NA          |
| Radeon R7 A10-7800         | 716                                  | 1357                   | NA                                 | NA          |
| Radeon R7 A10-7850K        | 967                                  | 1145                   | NA                                 | NA          |
| Videocard Name             | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Radeon R7 A10-7860K        | 927                                  | 1173                   | NA                                 | NA          |
| Radeon R7 A10-7870K        | 1113                                 | 1066                   | NA                                 | NA          |
| Radeon R7 A10-7890K        | 854                                  | 1223                   | NA                                 | NA          |
| Radeon R7 A10-8750         | 856                                  | 1221                   | NA                                 | NA          |
| Radeon R7 A10-8850         | 773                                  | 1295                   | NA                                 | NA          |
| Radeon R7 A10-9700 RADEON  | 930                                  | 1170                   | NA                                 | NA          |
| Radeon R7 A10-9700E RADEON | 899                                  | 1195                   | NA                                 | NA          |
| Radeon R7 A12-9700P RADEON | 727                                  | 1342                   | 1.67                               | \$435.92*   |



| Videocard Name             | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|----------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon R7 A12-9720P RADEON | 730                                  | 1340                   | 2.00                               | \$365.48*   |
| Radeon R7 A12-9730P RADEON | 1026                                 | 1110                   | NA                                 | NA          |
| Radeon R7 A12-9800 RADEON  | 1075                                 | 1090                   | NA                                 | NA          |
| Radeon R7 A12-9800E RADEON | 913                                  | 1180                   | 6.56                               | \$139.19*   |
| Radeon R7 A265             | 993                                  | 1129                   | NA                                 | NA          |
| Radeon R7 A360             | 607                                  | 1472                   | NA                                 | NA          |
| Radeon R7 A365             | 781                                  | 1284                   | NA                                 | NA          |
| Radeon R7 A370             | 1281                                 | 1005                   | NA                                 | NA          |
| Radeon R7 FX-8800P         | 829                                  | 1245                   | NA                                 | NA          |
| Radeon R7 FX-9800P RADEON  | 706                                  | 1366                   | 1.33                               | \$530.00*   |
| Radeon R7 FX-9830P RADEON  | 1470                                 | 952                    | NA                                 | NA          |
| Radeon R7 G                | 869                                  | 1213                   | NA                                 | NA          |
| Radeon R7 M260             | 496                                  | 1618                   | 0.62                               | \$799.00*   |
| Radeon R7 M260DX           | 816                                  | 1256                   | NA                                 | NA          |

| Videocard Name   | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon R7 M260X  | 985                                  | 1133                   | NA                                 | NA          |
| Radeon R7 M265   | 545                                  | 1556                   | NA                                 | NA          |
| Radeon R7 M265DX | 498                                  | 1612                   | NA                                 | NA          |
| Radeon R7 M270   | 766                                  | 1303                   | NA                                 | NA          |
| Radeon R7 M340   | 656                                  | 1407                   | NA                                 | NA          |
| Radeon R7 M350   | 1104                                 | 1069                   | NA                                 | NA          |
| Radeon R7 M360   | 570                                  | 1522                   | NA                                 | NA          |
| Radeon R7 M365X  | 750                                  | 1316                   | NA                                 | NA          |
| Radeon R7 M370   | 1417                                 | 970                    | NA                                 | NA          |
| Radeon R7 M380   | 1668                                 | 869                    | NA                                 | NA          |
| Radeon R7 M440   | 902                                  | 1190                   | NA                                 | NA          |
| Radeon R7 M445   | 943                                  | 1160                   | 1.27                               | \$744.00*   |
| Radeon R7 M460   | 1073                                 | 1091                   | NA                                 | NA          |
| Radeon R7 M465   | 1095                                 | 1076                   | NA                                 | NA          |

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| Videocard Name              | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-----------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon R7 M465X             | 1676                                 | 865                    | NA                                 | NA          |
| Radeon R7 Opteron X3421     | 1168                                 | 1046                   | NA                                 | NA          |
| Radeon R7 PRO A6-9500 2C+6G | 781                                  | 1283                   | NA                                 | NA          |
| Radeon R7 PRO A8-8650B      | 718                                  | 1354                   | NA                                 | NA          |
| Radeon R7 PRO A8-8670E      | 1309                                 | 995                    | NA                                 | NA          |
| Radeon R7 PRO A8-9600       | 893                                  | 1200                   | NA                                 | NA          |
| Radeon R7 PRO A10-8750B     | 767                                  | 1302                   | NA                                 | NA          |
| Radeon R7 PRO A10-8770      | 899                                  | 1196                   | NA                                 | NA          |
| Radeon R7 PRO A10-8770E     | 828                                  | 1246                   | NA                                 | NA          |
| Radeon R7 PRO A10-8850B     | 945                                  | 1159                   | NA                                 | NA          |
| Radeon R7 PRO A10-9700      | 798                                  | 1270                   | NA                                 | NA          |
| Radeon R7 PRO A10-9700B     | 628                                  | 1444                   | NA                                 | NA          |
| Radeon R7 PRO A10-9700E     | 970                                  | 1143                   | 1.84                               | \$529.00*   |
| Videocard Name              | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |

| Videocard Name          | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon R7 PRO A12-8800B | 597                                  | 1484                   | NA                                 | NA          |
| Radeon R7 PRO A12-8830B | 593                                  | 1491                   | NA                                 | NA          |
| Radeon R7 PRO A12-8870  | 904                                  | 1189                   | NA                                 | NA          |
| Radeon R7 PRO A12-8870E | 920                                  | 1177                   | NA                                 | NA          |
| Radeon R7 PRO A12-9800  | 877                                  | 1208                   | NA                                 | NA          |
| Radeon R7 PRO A12-9800B | 702                                  | 1370                   | NA                                 | NA          |
| Radeon R7 PRO A12-9800E | 957                                  | 1151                   | NA                                 | NA          |
| Radeon R7E              | 564                                  | 1532                   | NA                                 | NA          |
| Radeon R8 M365DX        | 647                                  | 1419                   | NA                                 | NA          |
| Radeon R8 M445DX        | 796                                  | 1274                   | NA                                 | NA          |
| Radeon R8 M535DX        | 670                                  | 1397                   | NA                                 | NA          |
| Radeon R9 255           | 1420                                 | 969                    | 4.13                               | \$344.16*   |
| Radeon R9 260           | 3181                                 | 550                    | NA                                 | NA          |
| Radeon R9 270           | 4306                                 | 447                    | NA                                 | NA          |

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| Videocard Name         | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon R9 270 / R7 370 | 4259                                 | 449                    | 19.98                              | \$213.16*   |
| Radeon R9 270X         | 4872                                 | 409                    | 14.92                              | \$326.50*   |
| Radeon R9 280          | 5558                                 | 358                    | NA                                 | NA          |
| Radeon R9 280X         | 6189                                 | 327                    | NA                                 | NA          |
| Radeon R9 285 / 380    | 5549                                 | 360                    | 11.44                              | \$485.00*   |
| Radeon R9 290          | 8300                                 | 251                    | NA                                 | NA          |
| Radeon R9 290 / 390    | 8150                                 | 256                    | 21.45                              | \$380.00*   |
| Radeon R9 290X         | 8633                                 | 241                    | NA                                 | NA          |
| Radeon R9 290X / 390X  | 8389                                 | 248                    | 26.22                              | \$319.99*   |
| Radeon R9 295X2        | 8617                                 | 244                    | 17.27                              | \$499.10*   |
| Radeon R9 350          | 2018                                 | 761                    | 6.75                               | \$299.00*   |
| Radeon R9 360          | 3031                                 | 565                    | 22.64                              | \$133.89*   |
| Radeon R9 370          | 4722                                 | 422                    | 29.51                              | \$159.99*   |
| Radeon R9 380          | 6140                                 | 330                    | 68.24                              | \$89.99*    |

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| Videocard Name          | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon R9 380X          | 6190                                 | 326                    | 17.69                              | \$349.99*   |
| Radeon R9 390           | 8914                                 | 234                    | NA                                 | NA          |
| Radeon R9 390X          | 9439                                 | 222                    | NA                                 | NA          |
| Radeon R9 Fury          | 9593                                 | 216                    | 21.65                              | \$443.10*   |
| Radeon R9 Fury + Fury X | 9741                                 | 213                    | 21.65                              | \$449.99*   |
| Radeon R9 Fury X        | 9672                                 | 214                    | NA                                 | NA          |
| Radeon R9 M265X         | 1138                                 | 1056                   | NA                                 | NA          |
| Radeon R9 M270X         | 1204                                 | 1036                   | NA                                 | NA          |
| Radeon R9 M275          | 1114                                 | 1065                   | 1.59                               | \$699.99*   |
| Radeon R9 M275X         | 1537                                 | 928                    | NA                                 | NA          |
| Radeon R9 M275X / M375  | 1574                                 | 909                    | NA                                 | NA          |
| Radeon R9 M280X         | 813                                  | 1259                   | NA                                 | NA          |
| Radeon R9 M290X         | 3262                                 | 540                    | NA                                 | NA          |
| Radeon R9 M295X         | 5150                                 | 392                    | 3.55                               | \$1,449.00* |

| Videocard Name  | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-----------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon R9 M360  | 1812                                 | 834                    | NA                                 | NA          |
| Radeon R9 M365X | 1481                                 | 949                    | NA                                 | NA          |
| Radeon R9 M370X | 1543                                 | 922                    | 1.74                               | \$889.00*   |
| Radeon R9 M375  | 964                                  | 1147                   | NA                                 | NA          |
| Radeon R9 M375X | 1727                                 | 854                    | NA                                 | NA          |
| Radeon R9 M380  | 2762                                 | 597                    | NA                                 | NA          |
| Radeon R9 M385  | 2060                                 | 748                    | NA                                 | NA          |
| Videocard Name  | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Radeon R9 M385X | 1993                                 | 769                    | NA                                 | NA          |
| Radeon R9 M390X | 3597                                 | 502                    | NA                                 | NA          |
| Radeon R9 M395  | 4949                                 | 406                    | NA                                 | NA          |
| Radeon R9 M395X | 5194                                 | 387                    | NA                                 | NA          |
| Radeon R9 M470  | 2330                                 | 686                    | NA                                 | NA          |
| Radeon R9 M470X | 3244                                 | 543                    | NA                                 | NA          |

| Videocard Name       | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|----------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon R9 M485X      | 3660                                 | 494                    | NA                                 | NA          |
| Radeon RX590 GME     | 8627                                 | 242                    | NA                                 | NA          |
| Radeon RX 460        | 4104                                 | 458                    | 24.60                              | \$166.81*   |
| Radeon RX 470/570    | 8011                                 | 260                    | 20.60                              | \$388.99*   |
| Radeon RX 480        | 8625                                 | 243                    | 25.37                              | \$339.99*   |
| Radeon RX 540        | 1856                                 | 817                    | NA                                 | NA          |
| Radeon RX 550        | 2729                                 | 603                    | 15.51                              | \$175.99    |
| Radeon RX 550X       | 2276                                 | 700                    | NA                                 | NA          |
| Radeon RX 560        | 3642                                 | 496                    | 20.25                              | \$179.86    |
| Radeon RX 560X       | 3196                                 | 548                    | NA                                 | NA          |
| Radeon RX 570X       | 1923                                 | 794                    | 12.57                              | \$153.01*   |
| Radeon RX 580        | 8868                                 | 236                    | 49.27                              | \$179.99*   |
| Radeon RX 580 2048SP | 7700                                 | 272                    | NA                                 | NA          |
| Radeon RX 580X       | 7798                                 | 270                    | NA                                 | NA          |



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| Videocard Name                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|------------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon RX 590                      | 9399                                 | 223                    | 17.09                              | \$549.99*   |
| Radeon RX 640                      | 1976                                 | 778                    | NA                                 | NA          |
| Radeon RX 5300                     | 7538                                 | 282                    | NA                                 | NA          |
| Radeon RX 5300M                    | 4307                                 | 446                    | NA                                 | NA          |
| Radeon RX 5500                     | 8794                                 | 237                    | NA                                 | NA          |
| Radeon RX 5500 XT                  | 9154                                 | 228                    | 50.50                              | \$181.29*   |
| Radeon RX 5500M                    | 5515                                 | 363                    | NA                                 | NA          |
| Radeon RX 5600                     | 11587                                | 180                    | NA                                 | NA          |
| Radeon RX 5600 OEM                 | 12004                                | 170                    | NA                                 | NA          |
| Radeon RX 5600 XT                  | 13647                                | 137                    | 25.04                              | \$545.00*   |
| Radeon RX 5600M                    | 8744                                 | 239                    | NA                                 | NA          |
| Radeon RX 5700                     | 14459                                | 116                    | 46.65                              | \$309.99*   |
| Radeon RX 5700 XT                  | 16616                                | 85                     | 38.04                              | \$436.85*   |
| Radeon RX 5700 XT 50th Anniversary | 16572                                | 86                     | NA                                 | NA          |

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| Videocard Name    | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon RX 6300    | 5741                                 | 347                    | NA                                 | NA          |
| Radeon RX 6400    | 7560                                 | 277                    | 48.78                              | \$154.99    |
| Radeon RX 6500    | 7670                                 | 274                    | NA                                 | NA          |
| Radeon RX 6500 XT | 9542                                 | 217                    | 56.14                              | \$169.99    |
| Radeon RX 6500M   | 7823                                 | 269                    | NA                                 | NA          |
| Radeon RX 6550M   | 9461                                 | 220                    | NA                                 | NA          |
| Radeon RX 6600    | 15138                                | 109                    | 75.71                              | \$199.97    |
| Radeon RX 6600 XT | 16493                                | 88                     | 33.05                              | \$499.00    |
| Radeon RX 6600M   | 13672                                | 135                    | 68.37                              | \$199.99*   |
| Radeon RX 6600S   | 13678                                | 134                    | NA                                 | NA          |
| Radeon RX 6650 XT | 17251                                | 79                     | 82.16                              | \$209.99    |
| Radeon RX 6650M   | 15045                                | 111                    | NA                                 | NA          |
| Radeon RX 6700    | 18791                                | 68                     | NA                                 | NA          |
| Radeon RX 6700 XT | 19882                                | 53                     | 25.26                              | \$787.16    |

| Videocard Name          | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon RX 6700M         | 13443                                | 140                    | 49.79                              | \$269.99*   |
| Videocard Name          | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Radeon RX 6700S         | 14943                                | 112                    | 49.81                              | \$299.99    |
| Radeon RX 6750 GRE 10GB | 19993                                | 51                     | NA                                 | NA          |
| Radeon RX 6750 GRE 12GB | 19731                                | 58                     | NA                                 | NA          |
| Radeon RX 6750 XT       | 20794                                | 48                     | 67.30                              | \$309.00    |
| Radeon RX 6800          | 22242                                | 37                     | 61.79                              | \$359.99    |
| Radeon RX 6800 XT       | 25028                                | 27                     | 35.85                              | \$698.19    |
| Radeon RX 6800M         | 13270                                | 142                    | NA                                 | NA          |
| Radeon RX 6800S         | 15439                                | 103                    | NA                                 | NA          |
| Radeon RX 6850M         | 12274                                | 167                    | NA                                 | NA          |
| Radeon RX 6850M XT      | 17191                                | 80                     | NA                                 | NA          |
| Radeon RX 6900 XT       | 26840                                | 20                     | 17.78                              | \$1,509.67  |
| Radeon RX 6950 XT       | 28290                                | 14                     | 28.29                              | \$999.99*   |

| Videocard Name                                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon RX 7600                                     | 16351                                | 92                     | 64.13                              | \$254.99    |
| Radeon RX 7600 XT                                  | 17275                                | 78                     | 53.99                              | \$319.97    |
| Radeon RX 7600M XT                                 | 11668                                | 178                    | NA                                 | NA          |
| Radeon RX 7600S                                    | 14295                                | 121                    | NA                                 | NA          |
| Radeon RX 7700 XT                                  | 22224                                | 38                     | 58.49                              | \$379.99    |
| Radeon RX 7700S                                    | 15660                                | 98                     | NA                                 | NA          |
| Radeon RX 7800 XT                                  | 24123                                | 29                     | 50.26                              | \$479.99    |
| Radeon RX 7900 GRE                                 | 26698                                | 22                     | 49.44                              | \$539.99    |
| Radeon RX 7900 XT                                  | 28777                                | 12                     | 41.08                              | \$700.60    |
| Radeon RX 7900 XTX                                 | 30911                                | 8                      | 33.24                              | \$929.99    |
| Radeon RX 7900M                                    | 22112                                | 40                     | NA                                 | NA          |
| Radeon RX Vega11                                   | 1605                                 | 898                    | NA                                 | NA          |
| Radeon RX Vega11 Ryzen 7 3750H                     | 1674                                 | 866                    | NA                                 | NA          |
| Radeon RX Vega11 Ryzen 7 Microsoft Surface Edition | 1398                                 | 974                    | NA                                 | NA          |

| Videocard Name                         | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon RX Vega 6 Ryzen 3 3200U         | 906                                  | 1188                   | NA                                 | NA          |
| Radeon RX Vega 8                       | 1487                                 | 945                    | NA                                 | NA          |
| Radeon RX Vega 10                      | 1638                                 | 878                    | NA                                 | NA          |
| Radeon RX Vega 10 Ryzen 7 3700U        | 1512                                 | 937                    | NA                                 | NA          |
| Radeon RX Vega 10 Ryzen 7 3750H        | 1825                                 | 830                    | NA                                 | NA          |
| Radeon RX Vega 10 Ryzen 7 PRO 3700U w/ | 1546                                 | 919                    | NA                                 | NA          |
| Radeon RX Vega 11                      | 2118                                 | 731                    | 2.11                               | \$1,002.00* |
| Radeon RX Vega 11 PRD                  | 2401                                 | 666                    | NA                                 | NA          |
| Radeon RX Vega 11 Processor            | 1844                                 | 820                    | NA                                 | NA          |
| Radeon RX Vega 11 Ryzen 5 3350G        | 1854                                 | 818                    | NA                                 | NA          |
| Radeon RX Vega 11 Ryzen 5 3400G        | 2177                                 | 722                    | NA                                 | NA          |
| Radeon RX Vega 11 Ryzen 5 3400GE       | 2068                                 | 746                    | NA                                 | NA          |
| Radeon RX Vega 56                      | 13258                                | 143                    | 17.61                              | \$752.99*   |
| Radeon RX Vega 64                      | 14344                                | 120                    | 19.13                              | \$749.99*   |

| Videocard Name                        | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---------------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon RX Vega - Renoir Ryzen 3 5300U | 2312                                 | 691                    | NA                                 | NA          |
| Radeon RX Vega M GH                   | 6572                                 | 312                    | NA                                 | NA          |
| Radeon RX Vega M GL                   | 3613                                 | 501                    | NA                                 | NA          |
| Radeon RX Vega Ryzen 3 5300U          | 2334                                 | 685                    | NA                                 | NA          |
| Radeon Ryzen 3 3250U                  | 797                                  | 1272                   | NA                                 | NA          |
| Radeon Ryzen 3 5300U                  | 1571                                 | 913                    | NA                                 | NA          |
| Radeon Ryzen 3 5425U                  | 1541                                 | 924                    | NA                                 | NA          |
| Radeon Ryzen 3 7330U                  | 1606                                 | 896                    | NA                                 | NA          |
| Radeon Ryzen 3 7335U                  | 2056                                 | 751                    | NA                                 | NA          |
| Videocard Name                        | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Radeon Ryzen 3 PRO 4355GE             | 1431                                 | 964                    | NA                                 | NA          |
| Radeon Ryzen 3 PRO 5450U              | 1778                                 | 840                    | NA                                 | NA          |
| Radeon Ryzen 3 PRO 5475U              | 1541                                 | 925                    | NA                                 | NA          |
| Radeon Ryzen 3 PRO 7330U              | 2043                                 | 754                    | NA                                 | NA          |

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| Videocard Name                             | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon Ryzen 3 PRO 7335U                   | 1954                                 | 786                    | NA                                 | NA          |
| Radeon Ryzen 5 3450U                       | 1086                                 | 1081                   | NA                                 | NA          |
| Radeon Ryzen 5 4600GE with Radeon Graphics | 1896                                 | 806                    | NA                                 | NA          |
| Radeon Ryzen 5 5500GT                      | 2660                                 | 616                    | NA                                 | NA          |
| Radeon Ryzen 5 5500U                       | 2090                                 | 742                    | NA                                 | NA          |
| Radeon Ryzen 5 5560U                       | 2040                                 | 756                    | NA                                 | NA          |
| Radeon Ryzen 5 5600GE                      | 2554                                 | 635                    | NA                                 | NA          |
| Radeon Ryzen 5 5600GT                      | 2618                                 | 620                    | NA                                 | NA          |
| Radeon Ryzen 5 5600H                       | 2408                                 | 663                    | NA                                 | NA          |
| Radeon Ryzen 5 5600U                       | 2112                                 | 733                    | NA                                 | NA          |
| Radeon Ryzen 5 5625U                       | 2152                                 | 727                    | NA                                 | NA          |
| Radeon Ryzen 5 6600H                       | 3760                                 | 480                    | NA                                 | NA          |
| Radeon Ryzen 5 6600HS Creator Edition      | 3756                                 | 481                    | NA                                 | NA          |
| Radeon Ryzen 5 6600U                       | 3394                                 | 525                    | NA                                 | NA          |

| Videocard Name                           | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon Ryzen 5 7430U                     | 2218                                 | 715                    | NA                                 | NA          |
| Radeon Ryzen 5 7530U                     | 2224                                 | 713                    | NA                                 | NA          |
| Radeon Ryzen 5 7535HS                    | 3698                                 | 487                    | NA                                 | NA          |
| Radeon Ryzen 5 7535U                     | 3468                                 | 517                    | NA                                 | NA          |
| Radeon Ryzen 5 7600 6-Core               | 1837                                 | 826                    | NA                                 | NA          |
| Radeon Ryzen 5 7600X 6-Core              | 1751                                 | 846                    | NA                                 | NA          |
| Radeon Ryzen 5 Microsoft Surface Edition | 2098                                 | 740                    | NA                                 | NA          |
| Radeon Ryzen 5 PRO 4655G                 | 2375                                 | 670                    | NA                                 | NA          |
| Radeon Ryzen 5 PRO 4655GE                | 2361                                 | 675                    | NA                                 | NA          |
| Radeon Ryzen 5 PRO 5650G                 | 2298                                 | 695                    | NA                                 | NA          |
| Radeon Ryzen 5 PRO 5650GE                | 2335                                 | 684                    | NA                                 | NA          |
| Radeon Ryzen 5 PRO 5675U                 | 1919                                 | 797                    | NA                                 | NA          |
| Radeon Ryzen 5 PRO 6650U                 | 3676                                 | 492                    | NA                                 | NA          |
| Radeon Ryzen 5 Pro 7535U                 | 3050                                 | 562                    | NA                                 | NA          |



| Videocard Name                 | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon Ryzen 5 PRO 7645 6-Core | 1552                                 | 917                    | NA                                 | NA          |
| Radeon Ryzen 7 3700U           | 1433                                 | 961                    | NA                                 | NA          |
| Radeon Ryzen 7 4700G           | 2613                                 | 624                    | NA                                 | NA          |
| Radeon Ryzen 7 4700GE          | 2610                                 | 626                    | NA                                 | NA          |
| Radeon Ryzen 7 4700U           | 2042                                 | 755                    | NA                                 | NA          |
| Radeon Ryzen 7 4800H           | 3542                                 | 507                    | NA                                 | NA          |
| Radeon Ryzen 7 4800HS          | 3642                                 | 495                    | NA                                 | NA          |
| Radeon Ryzen 7 4800U           | 2316                                 | 689                    | NA                                 | NA          |
| Radeon Ryzen 7 5700U           | 2312                                 | 690                    | NA                                 | NA          |
| Radeon Ryzen 7 5800H           | 2825                                 | 587                    | NA                                 | NA          |
| Radeon Ryzen 7 5800HS          | 2506                                 | 649                    | NA                                 | NA          |
| Radeon Ryzen 7 5800U           | 2407                                 | 664                    | NA                                 | NA          |
| Radeon Ryzen 7 5825U           | 2385                                 | 668                    | NA                                 | NA          |
| Radeon Ryzen 7 6800H           | 5342                                 | 373                    | NA                                 | NA          |

| Videocard Name                           | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon Ryzen 7 6800HS                    | 6209                                 | 323                    | NA                                 | NA          |
| Radeon Ryzen 7 6800HS Creator Edition    | 5464                                 | 366                    | NA                                 | NA          |
| Radeon Ryzen 7 6800U                     | 4532                                 | 430                    | NA                                 | NA          |
| Videocard Name                           | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Radeon Ryzen 7 7700 8-Core               | 1656                                 | 872                    | NA                                 | NA          |
| Radeon Ryzen 7 7700X 8-Core              | 2155                                 | 725                    | NA                                 | NA          |
| Radeon Ryzen 7 7730U                     | 2459                                 | 655                    | NA                                 | NA          |
| Radeon Ryzen 7 7735H                     | 5190                                 | 388                    | NA                                 | NA          |
| Radeon Ryzen 7 7735HS                    | 5392                                 | 368                    | NA                                 | NA          |
| Radeon Ryzen 7 7735U                     | 5209                                 | 385                    | NA                                 | NA          |
| Radeon Ryzen 7 7736U                     | 5791                                 | 343                    | NA                                 | NA          |
| Radeon Ryzen 7 7800X3D 8-Core            | 1743                                 | 848                    | NA                                 | NA          |
| Radeon Ryzen 7 Microsoft Surface Edition | 2290                                 | 696                    | NA                                 | NA          |
| Radeon Ryzen 7 PRO 4750G                 | 2597                                 | 630                    | NA                                 | NA          |

| Videocard Name                 | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon Ryzen 7 PRO 4750GE      | 2355                                 | 678                    | NA                                 | NA          |
| Radeon Ryzen 7 PRO 4750U       | 2055                                 | 752                    | NA                                 | NA          |
| Radeon Ryzen 7 PRO 5875U       | 1981                                 | 776                    | NA                                 | NA          |
| Radeon Ryzen 7 PRO 6850H       | 5767                                 | 344                    | NA                                 | NA          |
| Radeon Ryzen 7 PRO 6850HS      | 5026                                 | 401                    | NA                                 | NA          |
| Radeon Ryzen 7 PRO 6850U       | 5185                                 | 389                    | NA                                 | NA          |
| Radeon Ryzen 7 PRO 6860Z       | 4594                                 | 426                    | NA                                 | NA          |
| Radeon Ryzen 7 PRO 7730U       | 2339                                 | 682                    | NA                                 | NA          |
| Radeon Ryzen 7 Pro 7735U       | 4409                                 | 442                    | NA                                 | NA          |
| Radeon Ryzen 7 PRO 7745 8-Core | 1581                                 | 906                    | NA                                 | NA          |
| Radeon Ryzen 9 4900H           | 2553                                 | 636                    | NA                                 | NA          |
| Radeon Ryzen 9 5900H           | 2960                                 | 571                    | NA                                 | NA          |
| Radeon Ryzen 9 6900HS          | 7384                                 | 285                    | NA                                 | NA          |
| Radeon Ryzen 9 7900 12-Core    | 2327                                 | 688                    | NA                                 | NA          |

| Videocard Name                  | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon Ryzen 9 7900X3D 12-Core  | 1758                                 | 843                    | NA                                 | NA          |
| Radeon Ryzen 9 7900X 12-Core    | 2601                                 | 628                    | NA                                 | NA          |
| Radeon Ryzen 9 7950X3D 16-Core  | 1592                                 | 902                    | NA                                 | NA          |
| Radeon Ryzen 9 7950X 16-Core    | 4134                                 | 456                    | NA                                 | NA          |
| Radeon Ryzen 9 PRO 6950HS       | 4250                                 | 450                    | NA                                 | NA          |
| Radeon Ryzen 9 PRO 7945 12-Core | 1711                                 | 859                    | NA                                 | NA          |
| Radeon Ryzen Embedded R2514     | 1482                                 | 948                    | NA                                 | NA          |
| Radeon Ryzen Embedded R2544     | 1864                                 | 813                    | NA                                 | NA          |
| Radeon Ryzen Embedded V2516     | 1527                                 | 932                    | NA                                 | NA          |
| Radeon Ryzen Embedded V2718     | 1998                                 | 768                    | NA                                 | NA          |
| Radeon Ryzen Embedded V2748     | 1842                                 | 822                    | NA                                 | NA          |
| Radeon Sky 500                  | 4763                                 | 420                    | NA                                 | NA          |
| Radeon TM                       | 5567                                 | 356                    | NA                                 | NA          |
| Radeon TM R9 A360               | 2105                                 | 736                    | NA                                 | NA          |

| Videocard Name                    | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-----------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon VE                         | 2                                    | 2559                   | NA                                 | NA          |
| Radeon Vega 2                     | 506                                  | 1607                   | NA                                 | NA          |
| Radeon Vega 2 Athlon Silver 3050U | 544                                  | 1560                   | NA                                 | NA          |
| Radeon Vega 3                     | 888                                  | 1203                   | 0.33                               | \$2,677.99* |
| Radeon Vega 3 3020e               | 568                                  | 1527                   | NA                                 | NA          |
| Radeon Vega 3 Athlon 300GE        | 1044                                 | 1102                   | NA                                 | NA          |
| Radeon Vega 3 Athlon 300U         | 861                                  | 1219                   | NA                                 | NA          |
| Radeon Vega 3 Athlon 320GE        | 714                                  | 1359                   | NA                                 | NA          |
| Radeon Vega 3 Athlon 3000G        | 1005                                 | 1122                   | NA                                 | NA          |
| Radeon Vega 3 Athlon Gold 3150U   | 597                                  | 1485                   | NA                                 | NA          |
| Radeon Vega 3 Athlon PRO 300GE w/ | 935                                  | 1166                   | NA                                 | NA          |
| Videocard Name                    | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Radeon Vega 3 Athlon Silver 3050e | 507                                  | 1604                   | NA                                 | NA          |
| Radeon Vega 3 Athlon Silver 3050U | 855                                  | 1222                   | NA                                 | NA          |

| Videocard Name                      | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-------------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon Vega 3 Mobile                | 1034                                 | 1106                   | NA                                 | NA          |
| Radeon Vega 3 Ryzen 3 3200U         | 842                                  | 1231                   | NA                                 | NA          |
| Radeon Vega 3 Ryzen 3 3250U         | 800                                  | 1266                   | NA                                 | NA          |
| Radeon Vega 3 Ryzen Embedded R1305G | 358                                  | 1750                   | NA                                 | NA          |
| Radeon Vega 3 Ryzen Embedded R1505G | 724                                  | 1346                   | NA                                 | NA          |
| Radeon Vega 6                       | 1312                                 | 994                    | 0.73                               | \$1,799.99* |
| Radeon Vega 6 Ryzen 3 3300U         | 1320                                 | 991                    | NA                                 | NA          |
| Radeon Vega 6 Ryzen 3 3350U         | 1546                                 | 920                    | NA                                 | NA          |
| Radeon Vega 6 Ryzen 3 PRO 3300U w/  | 1382                                 | 976                    | NA                                 | NA          |
| Radeon Vega 8                       | 1582                                 | 905                    | 12.47                              | \$126.86*   |
| Radeon Vega 8 Mobile                | 1421                                 | 968                    | NA                                 | NA          |
| Radeon Vega 8 Ryzen 3 3200G         | 1941                                 | 789                    | NA                                 | NA          |
| Radeon Vega 8 Ryzen 3 PRO 3200G     | 1861                                 | 816                    | NA                                 | NA          |
| Radeon Vega 8 Ryzen 3 PRO 3200GE w/ | 1488                                 | 944                    | NA                                 | NA          |

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| Videocard Name                                  | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon Vega 8 Ryzen 5 3450U                     | 1207                                 | 1029                   | NA                                 | NA          |
| Radeon Vega 8 Ryzen 5 3500U                     | 1397                                 | 975                    | NA                                 | NA          |
| Radeon Vega 8 Ryzen 5 3550H                     | 1694                                 | 863                    | NA                                 | NA          |
| Radeon Vega 8 Ryzen 5 PRO 3500U w/              | 1504                                 | 941                    | NA                                 | NA          |
| Radeon Vega 9                                   | 1596                                 | 901                    | NA                                 | NA          |
| Radeon Vega 9 Ryzen 5 3550H                     | 1561                                 | 915                    | NA                                 | NA          |
| Radeon Vega 9 Ryzen 5 Microsoft Surface Edition | 1529                                 | 929                    | NA                                 | NA          |
| Radeon Vega 10                                  | 1565                                 | 914                    | NA                                 | NA          |
| Radeon Vega 10 Mobile                           | 1507                                 | 939                    | NA                                 | NA          |
| Radeon Vega 10 Ryzen 7 PRO 3700U w/             | 1638                                 | 879                    | NA                                 | NA          |
| Radeon Vega 11                                  | 1842                                 | 823                    | NA                                 | NA          |
| Radeon Vega 11 Ryzen 5 PRO 3350G                | 2362                                 | 673                    | NA                                 | NA          |
| Radeon Vega 11 Ryzen 5 PRO 3400G                | 1922                                 | 795                    | NA                                 | NA          |
| Radeon Vega 11 Ryzen 5 PRO 3400GE w/            | 1922                                 | 796                    | NA                                 | NA          |

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| Videocard Name                | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon Vega Frontier Edition  | 13225                                | 144                    | 7.87                               | \$1,679.99* |
| Radeon VII                    | 16690                                | 84                     | 8.78                               | \$1,899.95* |
| RADEON X300SE                 | 38                                   | 2307                   | NA                                 | NA          |
| RADEON X550                   | 50                                   | 2254                   | NA                                 | NA          |
| RADEON X550XT                 | 56                                   | 2241                   | NA                                 | NA          |
| Radeon X550XTX                | 70                                   | 2192                   | NA                                 | NA          |
| RADEON X600 256MB HyperMemory | 56                                   | 2240                   | NA                                 | NA          |
| RADEON X600 PRO               | 67                                   | 2209                   | 0.42                               | \$160.49*   |
| RADEON X600 SE                | 49                                   | 2261                   | 0.87                               | \$56.18*    |
| RADEON X600XT                 | 91                                   | 2136                   | NA                                 | NA          |
| RADEON X700                   | 72                                   | 2186                   | NA                                 | NA          |
| RADEON X700 PRO               | 75                                   | 2177                   | NA                                 | NA          |
| RADEON X700 SE                | 71                                   | 2190                   | NA                                 | NA          |
| RADEON X800 GT                | 84                                   | 2154                   | NA                                 | NA          |



| Videocard Name                  | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| RADEON X800 GTO                 | 114                                  | 2063                   | NA                                 | NA          |
| RADEON X800 PRO                 | 64                                   | 2216                   | NA                                 | NA          |
| RADEON X800 PRO/GTO             | 73                                   | 2183                   | NA                                 | NA          |
| RADEON X800 SE                  | 129                                  | 2016                   | NA                                 | NA          |
| RADEON X800 XL                  | 69                                   | 2199                   | NA                                 | NA          |
| Videocard Name                  | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| RADEON X800 XT                  | 97                                   | 2118                   | NA                                 | NA          |
| RADEON X800 XT Platinum Edition | 81                                   | 2166                   | NA                                 | NA          |
| RADEON X800GT                   | 79                                   | 2171                   | NA                                 | NA          |
| RADEON X850 PRO                 | 72                                   | 2185                   | NA                                 | NA          |
| RADEON X850 XT                  | 81                                   | 2168                   | NA                                 | NA          |
| RADEON X850 XT Platinum Edition | 81                                   | 2160                   | NA                                 | NA          |
| Radeon X1050                    | 49                                   | 2260                   | NA                                 | NA          |
| Radeon X1200                    | 32                                   | 2340                   | NA                                 | NA          |

| Videocard Name             | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|----------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon X1250               | 37                                   | 2312                   | NA                                 | NA          |
| Radeon X1270               | 31                                   | 2345                   | NA                                 | NA          |
| Radeon X1300               | 58                                   | 2232                   | 0.61                               | \$95.78*    |
| Radeon X1300 PRO           | 84                                   | 2152                   | NA                                 | NA          |
| Radeon X1550               | 66                                   | 2213                   | 0.43                               | \$155.00*   |
| Radeon X1550 64-bit        | 47                                   | 2265                   | NA                                 | NA          |
| Radeon X1600               | 49                                   | 2258                   | NA                                 | NA          |
| Radeon X1600 Pro           | 98                                   | 2111                   | NA                                 | NA          |
| Radeon X1600 Pro / X1300XT | 69                                   | 2200                   | NA                                 | NA          |
| Radeon X1600 XT            | 115                                  | 2059                   | NA                                 | NA          |
| Radeon X1650 GTO           | 74                                   | 2179                   | NA                                 | NA          |
| Radeon X1650 Pro           | 84                                   | 2149                   | 0.53                               | \$160.89*   |
| Radeon X1650 SE            | 71                                   | 2191                   | NA                                 | NA          |
| Radeon X1700 Targa Edition | 116                                  | 2055                   | NA                                 | NA          |

| Videocard Name                 | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon X1800 GTO               | 140                                  | 1988                   | NA                                 | NA          |
| Radeon X1900 CrossFire Edition | 137                                  | 1998                   | NA                                 | NA          |
| Radeon X1900 GT                | 145                                  | 1978                   | NA                                 | NA          |
| Radeon X1950 CrossFire Edition | 151                                  | 1963                   | NA                                 | NA          |
| Radeon X1950 GT                | 106                                  | 2088                   | NA                                 | NA          |
| Radeon X1950 Pro               | 112                                  | 2070                   | NA                                 | NA          |
| RADEON XPRESS 200              | 29                                   | 2351                   | NA                                 | NA          |
| RADEON XPRESS 200 CROSSFIRE    | 18                                   | 2392                   | NA                                 | NA          |
| RADEON XPRESS 200M             | 22                                   | 2382                   | NA                                 | NA          |
| Radeon Xpress 1100             | 34                                   | 2329                   | NA                                 | NA          |
| Radeon Xpress 1150             | 29                                   | 2350                   | NA                                 | NA          |
| Radeon Xpress 1200             | 35                                   | 2320                   | NA                                 | NA          |
| Radeon Xpress 1250             | 42                                   | 2285                   | NA                                 | NA          |
| Radeon Xpress 1270             | 26                                   | 2361                   | NA                                 | NA          |

| Videocard Name               | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Radeon Xpress 1300           | 52                                   | 2245                   | NA                                 | NA          |
| Radeon Xpress 1300M          | 40                                   | 2295                   | NA                                 | NA          |
| RadeonT 610M                 | 1122                                 | 1062                   | NA                                 | NA          |
| RadeonT 660M Ryzen 5 7535HS  | 4051                                 | 462                    | NA                                 | NA          |
| RadeonT 680M Ryzen 7 7735HS  | 5650                                 | 351                    | NA                                 | NA          |
| RadeonT 780M                 | 7077                                 | 292                    | NA                                 | NA          |
| RadeonT RX 6850M XT          | 13847                                | 125                    | NA                                 | NA          |
| RadeonT RX Vega 11           | 1621                                 | 887                    | NA                                 | NA          |
| Rage 128 Pro                 | 1                                    | 2568                   | NA                                 | NA          |
| RAGE 128 PRO AGP 4X TMDS     | 1                                    | 2570                   | NA                                 | NA          |
| Rage Fury Pro/Xpert 2000 Pro | 3                                    | 2531                   | NA                                 | NA          |
| RDPDD Chained DD             | 231                                  | 1869                   | NA                                 | NA          |
| Red Hat QXL controller       | 31                                   | 2343                   | NA                                 | NA          |
| Videocard Name               | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |

| Videocard Name                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|------------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| RGH Drivers v3                     | 11                                   | 2412                   | NA                                 | NA          |
| RIVA TNT2 Model 64/Model 64 Pro    | 3                                    | 2508                   | NA                                 | NA          |
| RIVA TNT2/TNT2 Pro                 | 3                                    | 2520                   | NA                                 | NA          |
| RTX 500 Ada Generation Laptop GPU  | 11348                                | 187                    | NA                                 | NA          |
| RTX 1000 Ada Generation Laptop GPU | 14023                                | 123                    | NA                                 | NA          |
| RTX 2000 Ada Generation            | 17126                                | 81                     | NA                                 | NA          |
| RTX 2000 Ada Generation Laptop GPU | 15346                                | 106                    | NA                                 | NA          |
| RTX 3000 Ada Generation Laptop GPU | 16408                                | 90                     | NA                                 | NA          |
| RTX 3500 Ada Generation Laptop GPU | 19694                                | 59                     | NA                                 | NA          |
| RTX 4000 Ada Generation            | 24981                                | 28                     | NA                                 | NA          |
| RTX 4000 Ada Generation Laptop GPU | 22862                                | 34                     | NA                                 | NA          |
| RTX 4000 SFF Ada Generation        | 21220                                | 47                     | NA                                 | NA          |
| RTX 4500 Ada Generation            | 28261                                | 16                     | NA                                 | NA          |
| RTX 5000 Ada Generation            | 25570                                | 24                     | NA                                 | NA          |

| Videocard Name                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|------------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| RTX 5000 Ada Generation Laptop GPU | 23911                                | 30                     | NA                                 | NA          |
| RTX 5880 Ada Generation            | 34585                                | 4                      | NA                                 | NA          |
| RTX 6000 Ada Generation            | 28264                                | 15                     | NA                                 | NA          |
| RTX A500 Laptop GPU                | 6810                                 | 303                    | NA                                 | NA          |
| RTX A1000                          | 11836                                | 174                    | NA                                 | NA          |
| RTX A1000 6GB Laptop GPU           | 10209                                | 203                    | NA                                 | NA          |
| RTX A1000 Embedded GPU             | 11368                                | 185                    | NA                                 | NA          |
| RTX A1000 Laptop GPU               | 9477                                 | 219                    | NA                                 | NA          |
| RTX A2000                          | 13753                                | 130                    | 24.65                              | \$557.99    |
| RTX A2000 8GB Laptop GPU           | 10945                                | 192                    | NA                                 | NA          |
| RTX A2000 12GB                     | 13711                                | 131                    | NA                                 | NA          |
| RTX A2000 Laptop GPU               | 9955                                 | 208                    | NA                                 | NA          |
| RTX A3000 12GB Laptop GPU          | 14363                                | 119                    | NA                                 | NA          |
| RTX A3000 Laptop GPU               | 12551                                | 157                    | NA                                 | NA          |

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| Videocard Name                      | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-------------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| RTX A4000                           | 19401                                | 64                     | 25.87                              | \$749.99*   |
| RTX A4000 Laptop GPU                | 15468                                | 102                    | NA                                 | NA          |
| RTX A4500                           | 21789                                | 43                     | 14.53                              | \$1,499.99  |
| RTX A4500 Embedded GPU              | 10916                                | 193                    | NA                                 | NA          |
| RTX A4500 Laptop GPU                | 17521                                | 77                     | NA                                 | NA          |
| RTX A5000                           | 22850                                | 35                     | 10.25                              | \$2,229.99* |
| RTX A5000 Laptop GPU                | 15981                                | 94                     | NA                                 | NA          |
| RTX A5500                           | 21610                                | 46                     | 9.96                               | \$2,169.99* |
| RTX A5500 Laptop GPU                | 17531                                | 76                     | NA                                 | NA          |
| RTX A6000                           | 22176                                | 39                     | 5.40                               | \$4,109.99* |
| RV530 PRO                           | 118                                  | 2047                   | NA                                 | NA          |
| Ryzen 3 4300G with Radeon Graphics  | 2058                                 | 750                    | NA                                 | NA          |
| Ryzen 3 4300GE with Radeon Graphics | 2271                                 | 701                    | NA                                 | NA          |
| Ryzen 3 4300U with Radeon Graphics  | 1352                                 | 984                    | NA                                 | NA          |

| Videocard Name                          | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---|--------------------------------------|------------------------|------------------------------------|-------------|
| Ryzen 3 5300G with Radeon Graphics      | 2004                                 | 766                    | NA                                 | NA          |
| Ryzen 3 5300GE with Radeon Graphics     | 1917                                 | 799                    | NA                                 | NA          |
| Ryzen 3 5300U with Radeon Graphics      | 1527                                 | 931                    | NA                                 | NA          |
| Ryzen 3 5400U with Radeon Graphics      | 1576                                 | 908                    | NA                                 | NA          |
| Ryzen 3 5425U with Radeon Graphics      | 1667                                 | 870                    | NA                                 | NA          |
| Ryzen 3 7330U with Radeon Graphics      | 1649                                 | 875                    | NA                                 | NA          |
| Ryzen 3 PRO 4200GE with Radeon Graphics | 1748                                 | 847                    | NA                                 | NA          |
| Videocard Name                          | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Ryzen 3 PRO 4300U with Radeon Graphics  | 1542                                 | 923                    | NA                                 | NA          |
| Ryzen 3 Pro 4350G with Radeon Graphics  | 2134                                 | 730                    | NA                                 | NA          |
| Ryzen 3 PRO 4350GE with Radeon Graphics | 1905                                 | 802                    | NA                                 | NA          |
| Ryzen 3 PRO 4450U with Radeon Graphics  | 1539                                 | 926                    | NA                                 | NA          |
| Ryzen 3 PRO 5350G with Radeon Graphics  | 2330                                 | 687                    | NA                                 | NA          |
| Ryzen 3 PRO 5350GE with Radeon Graphics | 1760                                 | 842                    | NA                                 | NA          |



| Videocard Name                         | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| Ryzen 3 PRO 5450U with Radeon Graphics | 1601                                 | 900                    | NA                                 | NA          |
| Ryzen 3 PRO 5475U with Radeon Graphics | 1431                                 | 963                    | NA                                 | NA          |
| Ryzen 3 PRO 7330U with Radeon Graphics | 1984                                 | 774                    | NA                                 | NA          |
| Ryzen 5 2500U with Radeon Vega         | 1503                                 | 942                    | NA                                 | NA          |
| Ryzen 5 4500U with Radeon Graphics     | 1818                                 | 832                    | NA                                 | NA          |
| Ryzen 5 4600G with Radeon Graphics     | 2378                                 | 669                    | NA                                 | NA          |
| Ryzen 5 4600H with Radeon Graphics     | 2203                                 | 718                    | NA                                 | NA          |
| Ryzen 5 4600HS with Radeon Graphics    | 8370                                 | 249                    | NA                                 | NA          |
| Ryzen 5 4600U with Radeon Graphics     | 1898                                 | 805                    | NA                                 | NA          |
| Ryzen 5 5500U with Radeon Graphics     | 1991                                 | 771                    | NA                                 | NA          |
| Ryzen 5 5560U with Radeon Graphics     | 2073                                 | 744                    | NA                                 | NA          |
| Ryzen 5 5600G with Radeon Graphics     | 2581                                 | 633                    | NA                                 | NA          |
| Ryzen 5 5600GE with Radeon Graphics    | 2601                                 | 627                    | NA                                 | NA          |
| Ryzen 5 5600GT with Radeon Graphics    | 2006                                 | 764                    | NA                                 | NA          |

| Videocard Name                          | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---|--------------------------------------|------------------------|------------------------------------|-------------|
| Ryzen 5 5600H with Radeon Graphics      | 2336                                 | 683                    | NA                                 | NA          |
| Ryzen 5 5600U with Radeon Graphics      | 2178                                 | 720                    | NA                                 | NA          |
| Ryzen 5 5625U with Radeon Graphics      | 1989                                 | 772                    | NA                                 | NA          |
| Ryzen 5 6600H with Radeon Graphics      | 3525                                 | 510                    | NA                                 | NA          |
| Ryzen 5 6600HS Creator Edition          | 3671                                 | 493                    | NA                                 | NA          |
| Ryzen 5 6600U with Radeon Graphics      | 3233                                 | 544                    | NA                                 | NA          |
| Ryzen 5 7530U with Radeon Graphics      | 2269                                 | 703                    | NA                                 | NA          |
| Ryzen 5 7535U with Radeon Graphics      | 3529                                 | 509                    | NA                                 | NA          |
| Ryzen 5 PRO 4400G with Radeon Graphics  | 2305                                 | 693                    | NA                                 | NA          |
| Ryzen 5 PRO 4400GE with Radeon Graphics | 1441                                 | 955                    | NA                                 | NA          |
| Ryzen 5 PRO 4500U with Radeon Graphics  | 2007                                 | 763                    | NA                                 | NA          |
| Ryzen 5 Pro 4650G with Radeon Graphics  | 2395                                 | 667                    | NA                                 | NA          |
| Ryzen 5 PRO 4650GE with Radeon Graphics | 2103                                 | 737                    | NA                                 | NA          |
| Ryzen 5 PRO 4650U with Radeon Graphics  | 1735                                 | 850                    | NA                                 | NA          |

| Videocard Name                          | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---|--------------------------------------|------------------------|------------------------------------|-------------|
| Ryzen 5 PRO 5650G with Radeon Graphics  | 2500                                 | 650                    | NA                                 | NA          |
| Ryzen 5 PRO 5650GE with Radeon Graphics | 2435                                 | 659                    | NA                                 | NA          |
| Ryzen 5 PRO 5650U with Radeon Graphics  | 2045                                 | 753                    | NA                                 | NA          |
| Ryzen 5 PRO 5675U with Radeon Graphics  | 1719                                 | 856                    | NA                                 | NA          |
| Ryzen 5 PRO 6650U                       | 3519                                 | 511                    | NA                                 | NA          |
| Ryzen 5 PRO 6650U with Radeon Graphics  | 3515                                 | 513                    | NA                                 | NA          |
| Ryzen 5 PRO 7530U with Radeon Graphics  | 1913                                 | 801                    | NA                                 | NA          |
| Ryzen 7 2700U with Radeon Vega          | 1617                                 | 890                    | NA                                 | NA          |
| Ryzen 7 4700G with Radeon Graphics      | 2186                                 | 719                    | NA                                 | NA          |
| Ryzen 7 4700GE with Radeon Graphics     | 2496                                 | 651                    | NA                                 | NA          |
| Ryzen 7 4700U with Radeon Graphics      | 2034                                 | 757                    | NA                                 | NA          |
| Ryzen 7 4800H with Radeon Graphics      | 2113                                 | 732                    | NA                                 | NA          |
| Ryzen 7 4800U with Radeon Graphics      | 2343                                 | 679                    | NA                                 | NA          |
| Ryzen 7 5700G with Radeon Graphics      | 2793                                 | 593                    | NA                                 | NA          |

| Videocard Name                      | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-------------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Ryzen 7 5700GE with Radeon Graphics | 2771                                 | 595                    | NA                                 | NA          |
| Videocard Name                      | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Ryzen 7 5700U with Radeon Graphics  | 2246                                 | 709                    | NA                                 | NA          |
| Ryzen 7 5800H with Radeon Graphics  | 2740                                 | 601                    | NA                                 | NA          |
| Ryzen 7 5800HS with Radeon Graphics | 2917                                 | 576                    | NA                                 | NA          |
| Ryzen 7 5800U with Radeon Graphics  | 2361                                 | 674                    | NA                                 | NA          |
| Ryzen 7 5825U with Radeon Graphics  | 2342                                 | 681                    | NA                                 | NA          |
| Ryzen 7 6800H                       | 5247                                 | 380                    | NA                                 | NA          |
| Ryzen 7 6800H with Radeon Graphics  | 4801                                 | 415                    | NA                                 | NA          |
| Ryzen 7 6800HS                      | 5237                                 | 382                    | NA                                 | NA          |
| Ryzen 7 6800HS Creator Edition      | 5382                                 | 369                    | NA                                 | NA          |
| Ryzen 7 6800HS with Radeon Graphics | 6677                                 | 311                    | NA                                 | NA          |
| Ryzen 7 6800U                       | 5006                                 | 402                    | NA                                 | NA          |
| Ryzen 7 6800U with Radeon Graphics  | 4829                                 | 413                    | NA                                 | NA          |

| Videocard Name                          | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---|--------------------------------------|------------------------|------------------------------------|-------------|
| Ryzen 7 7730U with Radeon Graphics      | 2470                                 | 652                    | NA                                 | NA          |
| Ryzen 7 7735HS with Radeon Graphics     | 5127                                 | 393                    | NA                                 | NA          |
| Ryzen 7 7735U with Radeon Graphics      | 5215                                 | 383                    | NA                                 | NA          |
| Ryzen 7 Extreme Edition                 | 2226                                 | 712                    | NA                                 | NA          |
| Ryzen 7 Pro 4750G with Radeon Graphics  | 2681                                 | 613                    | NA                                 | NA          |
| Ryzen 7 PRO 4750GE with Radeon Graphics | 2549                                 | 638                    | NA                                 | NA          |
| Ryzen 7 PRO 4750U with Radeon Graphics  | 2029                                 | 758                    | NA                                 | NA          |
| Ryzen 7 PRO 5750G with Radeon Graphics  | 2440                                 | 657                    | NA                                 | NA          |
| Ryzen 7 PRO 5750GE with Radeon Graphics | 2514                                 | 646                    | NA                                 | NA          |
| Ryzen 7 PRO 5850U with Radeon Graphics  | 2267                                 | 705                    | NA                                 | NA          |
| Ryzen 7 PRO 5875U with Radeon Graphics  | 2067                                 | 747                    | NA                                 | NA          |
| Ryzen 7 PRO 6850HS with Radeon Graphics | 3736                                 | 484                    | NA                                 | NA          |
| Ryzen 7 PRO 6850U                       | 5580                                 | 352                    | NA                                 | NA          |
| Ryzen 7 PRO 6850U with Radeon Graphics  | 5115                                 | 394                    | NA                                 | NA          |

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| Videocard Name                          | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|---|--------------------------------------|------------------------|------------------------------------|-------------|
| Ryzen 7 PRO 6860Z                       | 5076                                 | 397                    | NA                                 | NA          |
| Ryzen 7 PRO 6860Z with Radeon Graphics  | 4869                                 | 410                    | NA                                 | NA          |
| Ryzen 7 PRO 7730U with Radeon Graphics  | 2549                                 | 639                    | NA                                 | NA          |
| Ryzen 9 4900HS with Radeon Graphics     | 7418                                 | 284                    | NA                                 | NA          |
| Ryzen 9 5900HS with Radeon Graphics     | 5570                                 | 354                    | NA                                 | NA          |
| Ryzen 9 5900HX with Radeon Graphics     | 2890                                 | 578                    | NA                                 | NA          |
| Ryzen 9 6900HS                          | 8005                                 | 262                    | NA                                 | NA          |
| Ryzen 9 6900HS with Radeon Graphics     | 6097                                 | 332                    | NA                                 | NA          |
| Ryzen 9 6900HX with Radeon Graphics     | 5380                                 | 370                    | NA                                 | NA          |
| Ryzen 9 PRO 6950H                       | 5758                                 | 345                    | NA                                 | NA          |
| Ryzen 9 PRO 6950HS with Radeon Graphics | 4704                                 | 423                    | NA                                 | NA          |
| S3 5400EW                               | 146                                  | 1976                   | NA                                 | NA          |
| S3 Chrome 430 ULP                       | 39                                   | 2301                   | NA                                 | NA          |
| S3 Chrome S25 DDR2                      | 18                                   | 2389                   | NA                                 | NA          |

| Videocard Name                                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| S3 Chrome S27 DDR3                                 | 33                                   | 2332                   | NA                                 | NA          |
| S3 Inc. Savage4                                    | 3                                    | 2529                   | NA                                 | NA          |
| S3 ProSavageDDR                                    | 1                                    | 2567                   | NA                                 | NA          |
| S3 SuperSavage/IXC 1014                            | 1                                    | 2561                   | NA                                 | NA          |
| SAPPHIRE RADEON 9000 ATLANTIS PRO                  | 5                                    | 2465                   | NA                                 | NA          |
| SAPPHIRE RADEON 9600 ATLANTIS                      | 47                                   | 2269                   | NA                                 | NA          |
| Sapphire RADEON X800 GT                            | 112                                  | 2073                   | NA                                 | NA          |
| SAPPHIRE Radeon X1550                              | 61                                   | 2223                   | NA                                 | NA          |
| Seria Mobility Radeon HD 3400                      | 124                                  | 2026                   | NA                                 | NA          |
| Videocard Name                                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| Seria Radeon HD 7700                               | 1603                                 | 899                    | NA                                 | NA          |
| Snapdragon X Elite - X1E78100 - Qualcomm Adreno GP | 2510                                 | 648                    | NA                                 | NA          |
| Snapdragon X Elite - X1E80100 - Qualcomm Adreno GP | 2613                                 | 625                    | NA                                 | NA          |
| Snapdragon X Elite - X1E84100 - Qualcomm Adreno GP | 2953                                 | 572                    | NA                                 | NA          |

| Videocard Name                                     | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| Snapdragon X Plus - X1P64100 - Qualcomm Adreno GPU | 2563                                 | 634                    | NA                                 | NA          |
| SUMO 964A  | 497                                  | 1615                   | NA                                 | NA          |
| SUMO 9640  | 650                                  | 1416                   | NA                                 | NA          |
| SUMO 9644  | 465                                  | 1650                   | NA                                 | NA          |
| SuperDisplay Virtual Adapter                       | 10390                                | 201                    | NA                                 | NA          |
| Surface Duo Adreno 640 GPU                         | 592                                  | 1493                   | NA                                 | NA          |
| T400   | 3632                                 | 500                    | 24.22                              | \$149.99    |
| T400 4GB   | 3733                                 | 486                    | NA                                 | NA          |
| T500   | 3692                                 | 489                    | NA                                 | NA          |
| T550 Laptop GPU                                    | 4843                                 | 412                    | NA                                 | NA          |
| T600   | 6467                                 | 315                    | 26.95                              | \$239.99*   |
| T600 Laptop GPU                                    | 7064                                 | 294                    | NA                                 | NA          |
| T1000  | 7641                                 | 275                    | 25.14                              | \$303.99*   |
| T1000 8GB  | 7620                                 | 276                    | NA                                 | NA          |



| Videocard Name                 | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| T1200 Laptop GPU               | 7852                                 | 268                    | NA                                 | NA          |
| TENSOR 1.0 Driver Intel HD 630 | 1299                                 | 1000                   | NA                                 | NA          |
| Tesla C2050                    | 3175                                 | 551                    | 11.76                              | \$269.99*   |
| Tesla C2050 / C2070            | 3428                                 | 523                    | NA                                 | NA          |
| Tesla C2070                    | 2839                                 | 584                    | 4.70                               | \$604.00*   |
| Tesla C2075                    | 3016                                 | 566                    | 4.67                               | \$646.00*   |
| Tesla K20m                     | 4432                                 | 439                    | NA                                 | NA          |
| Tesla K20Xm                    | 2917                                 | 575                    | 0.38                               | \$7,699.00* |
| Tesla K40c                     | 4494                                 | 434                    | NA                                 | NA          |
| Tesla K40m                     | 3281                                 | 538                    | NA                                 | NA          |
| Tesla K80                      | 5852                                 | 341                    | 9.85                               | \$593.95*   |
| Tesla M6                       | 6284                                 | 320                    | 31.58                              | \$199.00*   |
| Tesla M10                      | 3171                                 | 552                    | 1.18                               | \$2,695.00* |
| Tesla M40                      | 10376                                | 202                    | 17.29                              | \$600.00*   |

| Videocard Name              | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|-----------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| Tesla M40 24GB              | 10417                                | 199                    | NA                                 | NA          |
| Tesla M60                   | 7551                                 | 280                    | 9.58                               | \$787.90*   |
| Tesla M2070-Q               | 1305                                 | 997                    | NA                                 | NA          |
| Tesla P4                    | 8767                                 | 238                    | NA                                 | NA          |
| Tesla P40                   | 12498                                | 159                    | NA                                 | NA          |
| Tesla P100-PCIE-16GB        | 7225                                 | 289                    | 1.27                               | \$5,699.00* |
| Tesla T4                    | 10832                                | 194                    | 2.45                               | \$4,420.46* |
| Tesla T10                   | 12650                                | 154                    | NA                                 | NA          |
| Tesla V100-PCIE-16GB        | 12328                                | 165                    | NA                                 | NA          |
| TITAN RTX                   | 19950                                | 52                     | 7.98                               | \$2,499.00* |
| TITAN V                     | 19742                                | 57                     | 9.87                               | \$1,999.99* |
| TITAN V CEO Edition         | 16987                                | 83                     | NA                                 | NA          |
| TITAN Xp COLLECTORS EDITION | 19070                                | 65                     | NA                                 | NA          |
| TRINITY DEVASTATOR MOBILE   | 699                                  | 1372                   | NA                                 | NA          |

| Videocard Name                         | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--|--------------------------------------|------------------------|------------------------------------|-------------|
| TRINITY SCRAPPER MOBILE                | 498                                  | 1614                   | NA                                 | NA          |
| V9560XT                                | 6                                    | 2441                   | NA                                 | NA          |
| Vanta/Vanta LT                         | 3                                    | 2533                   | NA                                 | NA          |
| Videocard Name                         | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
| VIA Chrome9 HC3 IGP                    | 2                                    | 2544                   | NA                                 | NA          |
| VIA Chrome9 HC IGP                     | 4                                    | 2494                   | NA                                 | NA          |
| VIA Chrome9 HC IGP Family              | 3                                    | 2506                   | NA                                 | NA          |
| VIA Chrome9 HC IGP Family WDDM         | 3                                    | 2518                   | NA                                 | NA          |
| VIA Chrome9 HC IGP Prerelease WDDM 1.1 | 2                                    | 2557                   | NA                                 | NA          |
| VIA Chrome9 HC IGP WDDM                | 2                                    | 2540                   | NA                                 | NA          |
| VIA Chrome9 HC IGP WDDM 1.1            | 3                                    | 2522                   | NA                                 | NA          |
| VIA Chrome9 HCM IGP                    | 1                                    | 2565                   | NA                                 | NA          |
| VIA Chrome9 HD IGP                     | 9                                    | 2417                   | NA                                 | NA          |
| VIA/S3G C-645/640 GPU                  | 132                                  | 2012                   | NA                                 | NA          |

| Videocard Name                 | Passmark G3D Mark (higher is better) | Rank (lower is better) | Videocard Value (higher is better) | Price (USD) |
|--------------------------------|--------------------------------------|------------------------|------------------------------------|-------------|
| VIA/S3G Chrome 645/640 GPU     | 109                                  | 2083                   | NA                                 | NA          |
| VIA/S3G DeltaChrome IGP        | 3                                    | 2524                   | NA                                 | NA          |
| VIA/S3G KM400/KN400            | 4                                    | 2500                   | NA                                 | NA          |
| VIA/S3G UniChrome IGP          | 4                                    | 2495                   | NA                                 | NA          |
| VIA/S3G UniChrome Pro IGP      | 4                                    | 2480                   | NA                                 | NA          |
| VIA/S3G UniChromell            | 5                                    | 2449                   | NA                                 | NA          |
| Virtual Display Device         | 1636                                 | 882                    | NA                                 | NA          |
| VisionTek Radeon 7000          | 1                                    | 2562                   | NA                                 | NA          |
| WinFast A250 LE                | 4                                    | 2475                   | NA                                 | NA          |
| Xabre                          | 5                                    | 2466                   | NA                                 | NA          |
| XGI Volari Family v1.13.23.D_V | 4                                    | 2485                   | NA                                 | NA          |
| ZX C-1080                      | 351                                  | 1757                   | NA                                 | NA          |
| ZX Chrome 645/640 GPU          | 147                                  | 1975                   | NA                                 | NA          |

\* - Last price seen from our affiliates.