…CPU Benchmarks
Over 1,000,000 CPUs Benchmarked

Multiple CPU Systems

This chart comparing multi CPU systems is made using thousands of [PerformanceTest](#) benchmark results and is updated daily. This chart mainly compares Dual CPUs, Quad CPUs and 8-way CPUs such as the Intel Xeon and the AMD EPYC/Opteron processors which can be placed in multiple socket motherboards. These multi-CPUs are commonly used in server machines that require high performance CPUs with intensive processing capabilities such as web servers, gateway servers, VM servers and online gaming servers.

CPU Mark	Price Performance

PassMark - CPU Mark
Multiple CPU Systems
Updated 24th of May 2023

CPU	CPU Mark	Price (USD)
[Dual CPU] AMD EPYC 9654	**149,727**	$13,480.00
[Dual CPU] AMD EPYC 9554	**145,448**	NA
[Dual CPU] Intel Xeon Platinum 8480+	**129,411**	$21,420.00*
[Dual CPU] AMD EPYC 7J13	**119,134**	NA
[Dual CPU] AMD EPYC 7763	**117,930**	$5,150.00
[Dual CPU] AMD EPYC 7643	**115,676**	$9,100.00*
[Dual CPU] AMD EPYC 7T83	**114,203**	NA
[Dual CPU] AMD Ryzen Threadripper PRO 3995WX	**113,693**	$13,732.20
[Dual CPU] AMD EPYC 7713	**112,602**	$6,599.98
[Dual CPU] AMD EPYC 7773X	**109,311**	$9,998.00
[Dual CPU] Intel Xeon Gold 6448Y	**106,832**	$7,166.00*
[Dual CPU] AMD EPYC 7573X	**103,531**	$9,924.00
[Dual CPU] AMD EPYC 7B12	**102,240**	NA
[Dual CPU] AMD EPYC 7K83	**102,053**	NA
[Dual CPU] AMD EPYC 7543	**101,710**	$7,522.00*
[Dual CPU] AMD EPYC 75F3	**99,758**	$8,619.76
[Dual CPU] AMD Ryzen Threadripper PRO 3975WX	**98,811**	$5,994.58
[Dual CPU] AMD EPYC 7H12	**97,449**	$7,780.00
[Dual CPU] AMD EPYC 7662	**97,178**	$7,999.98*
[Dual CPU] AMD EPYC 7742	**96,660**	$7,978.54
[Dual CPU] AMD EPYC 7513	**96,107**	$5,680.00*
[Dual CPU] AMD EPYC 74F3	**95,545**	$6,094.00
[Dual CPU] AMD EPYC 7702	**93,706**	$2,026.00

[Dual CPU] Intel Xeon Gold 5420+	**93,290**	$3,696.00*
[Dual CPU] AMD EPYC 7K62	**93,197**	NA
[Dual CPU] AMD EPYC 7R12	**92,961**	NA
[Dual CPU] Intel Xeon Platinum 8380 @ 2.30GHz	**91,485**	$17,956.00*
[Dual CPU] AMD EPYC 9174F	**90,842**	$9,308.00
[Dual CPU] Intel Xeon Platinum 8368 @ 2.40GHz	**90,457**	$15,562.36*
[Dual CPU] AMD EPYC 7443	**87,675**	$4,461.98*
[Dual CPU] Intel Xeon Gold 6442Y	**86,904**	$5,756.00*
[Dual CPU] Intel Xeon Platinum 8375C @ 2.90GHz	**86,346**	NA
[Dual CPU] Intel Xeon Gold 5418Y	**84,673**	$2,966.00*
[Quad CPU] Intel Xeon Platinum 8260 @ 2.40GHz	**83,793**	$11,180.00
[Dual CPU] AMD EPYC 7473X	**83,530**	NA
[Dual CPU] AMD EPYC 7532	**82,917**	$4,126.00
[Dual CPU] Intel Xeon Platinum 8358 @ 2.60GHz	**82,802**	$10,195.50*
[Dual CPU] Intel Xeon Gold 6430	**80,969**	NA
[Dual CPU] AMD EPYC 7502	**80,226**	$1,590.00
[Dual CPU] AMD EPYC 7453	**79,338**	$3,739.90
[Dual CPU] AMD EPYC 7452	**77,746**	$2,698.00
[Quad CPU] Intel Xeon Gold 6256 @ 3.60GHz	**76,542**	$14,019.00
[Dual CPU] Intel Xeon Gold 6348 @ 2.60GHz	**75,783**	$4,196.84
[Quad CPU] Intel Xeon E7-8890 v4 @ 2.20GHz	**75,539**	$28,696.00*
[Dual CPU] AMD EPYC 7343	**75,422**	$3,399.98*
[Dual CPU] AMD EPYC 7542	**75,117**	$2,574.28
[Dual CPU] AMD EPYC 7R32	**74,520**	NA
[Dual CPU] AMD EPYC 7413	**74,417**	$3,995.98*
[Quad CPU] Intel Xeon Platinum 8160 @ 2.10GHz	**74,221**	$9,180.00
[Dual CPU] Intel Xeon Gold 6342 @ 2.80GHz	**73,897**	$4,776.10
[Dual CPU] AMD EPYC 7552	**72,235**	$4,550.00
[Dual CPU] Intel Xeon Gold 6336Y @ 2.40GHz	**71,984**	$3,859.90
[Dual CPU] AMD EPYC 7313	**68,704**	$2,443.06
[Dual CPU] Intel Xeon Gold 6338 @ 2.00GHz	**68,675**	$3,556.02
[Dual CPU] Intel Xeon Platinum 8352Y @ 2.20GHz	**68,643**	$3,875.12
[Dual CPU] Intel Xeon Platinum 8275CL @ 3.00GHz	**66,812**	NA
[Dual CPU] Intel Xeon Gold 5320 @ 2.20GHz	**66,409**	$3,330.00
[Dual CPU] AMD EPYC 7352	**65,921**	$1,890.00
[Dual CPU] AMD EPYC 73F3	**65,909**	$7,954.98
[Dual CPU] Intel Xeon Gold 6338N @ 2.20GHz	**65,860**	$9,343.38*
[Dual CPU] AMD EPYC 7F52	**65,659**	$6,200.00*
[Dual CPU] Intel Xeon Gold 6354 @ 3.00GHz	**65,402**	$5,515.98*
[Quad CPU] Intel Xeon Gold 6226 @ 2.70GHz	**64,957**	$4,200.00
[Dual CPU] Intel Xeon Platinum 8280 @ 2.70GHz	**64,291**	$8,767.92
[Dual CPU] Intel Xeon Gold 6258R @ 2.70GHz	**63,984**	$7,182.00
[Dual CPU] AMD Ryzen Threadripper PRO 3955WX	**63,885**	$2,100.98
[Dual CPU] Intel Xeon Gold 5416S	**63,239**	$1,888.00*
[Dual CPU] AMD EPYC 7402	**62,244**	$2,984.00
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	**61,751**	$8,000.00

[Dual CPU] Intel Xeon Gold 6330 @ 2.00GHz	**61,340**	$2,460.00
[Dual CPU] Intel Xeon Gold 6248R @ 3.00GHz	**60,811**	$4,100.00
[Quad CPU] Intel Xeon E7-8894 v4 @ 2.40GHz	**60,496**	$35,592.00*
[Dual CPU] Intel Xeon Platinum 8276L @ 2.20GHz	**60,188**	$12,908.40
[Dual CPU] AMD EPYC 7451	**58,608**	$1,998.00
[Dual CPU] Intel Xeon Platinum 8259CL @ 2.50GHz	**58,279**	NA
[Dual CPU] Intel Xeon Platinum 8171M @ 2.60GHz	**57,780**	NA
[Dual CPU] Intel Xeon Gold 5318Y @ 2.10GHz	**57,611**	$3,400.00
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	**57,307**	NA
[Dual CPU] Intel Xeon Platinum 8176 @ 2.10GHz	**56,381**	$5,587.40*
[Dual CPU] Intel Xeon Gold 6238R @ 2.20GHz	**56,183**	$4,734.40
[Dual CPU] Intel Xeon Gold 6346 @ 3.10GHz	**55,882**	$3,017.28
[Dual CPU] Intel Xeon Platinum 8260M @ 2.30GHz	**55,297**	$15,410.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	**55,286**	NA
[Dual CPU] AMD EPYC 7401	**55,280**	$674.00
[Dual CPU] Intel Xeon Gold 6240R @ 2.40GHz	**55,113**	$2,798.76
[Dual CPU] Intel Xeon Gold 5220R @ 2.20GHz	**54,889**	$2,640.00
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	**54,869**	$4,821.36
[Dual CPU] AMD EPYC 7551	**54,736**	$1,599.90
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	**54,687**	$4,584.00
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	**54,621**	$14,436.00*
[Dual CPU] AMD EPYC 7601	**54,613**	$2,859.98
[Dual CPU] Intel Xeon Gold 6230R @ 2.10GHz	**54,605**	$2,800.00
[Quad CPU] Intel Xeon Gold 5218 @ 2.30GHz	**54,123**	$3,588.00
[Dual CPU] Intel Xeon Gold 6326 @ 2.90GHz	**54,114**	$2,698.68
[Dual CPU] Intel Xeon Gold 6242R @ 3.10GHz	**53,595**	$3,998.76
[Quad CPU] Intel Xeon E5-4667 v4 @ 2.20GHz	**53,402**	$22,916.00*
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	**53,398**	$3,117.40*
[Dual CPU] Intel Xeon Silver 4316 @ 2.30GHz	**53,252**	$1,860.00
[Dual CPU] Intel Xeon Platinum 8270CL @ 2.70GHz	**52,386**	NA
[Dual CPU] Intel Xeon Gold 6266C @ 3.00GHz	**51,998**	NA
[Dual CPU] Intel Xeon Platinum 8260 @ 2.40GHz	**51,932**	$5,590.00
[Dual CPU] AMD EPYC 7282	**51,676**	$1,072.00
[Quad CPU] Intel Xeon E7-8890 v3 @ 2.50GHz	**51,476**	$28,696.00*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	**51,187**	$3,394.00
[Dual CPU] AMD EPYC 7302	**50,828**	$1,135.36
[Quad CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	**50,719**	$21,600.00*
[Dual CPU] Intel Xeon Gold 6262 @ 1.90GHz	**50,546**	NA
[Dual CPU] Intel Xeon Platinum 8273CL @ 2.20GHz	**50,348**	NA
[Quad CPU] Intel Xeon E7-8880 v3 @ 2.30GHz	**50,157**	$532.00*
[Dual CPU] AMD EPYC 72F3	**50,017**	$2,975.98
[Dual CPU] Intel Xeon Platinum 8160 @ 2.10GHz	**49,903**	$4,590.00
[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz	**49,891**	$3,570.00
[Dual CPU] Intel Xeon Gold 6253CL @ 3.10GHz	**49,872**	NA
[Dual CPU] Intel Xeon Gold 6240 @ 2.60GHz	**49,416**	$4,778.30

[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	**48,775**	NA
[Dual CPU] Intel Xeon Platinum 8180M @ 2.50GHz	**47,880**	NA
[Dual CPU] Intel Xeon Platinum 8252C @ 3.80GHz	**47,757**	NA
[Dual CPU] Intel Xeon Gold 5317 @ 3.00GHz	**47,275**	$1,964.76
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	**46,919**	$895.96
[Dual CPU] Intel Xeon Gold 6256 @ 3.60GHz	**46,814**	$7,009.50
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	**46,473**	NA
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	**46,043**	$890.90
[Dual CPU] Intel Xeon Silver 4314 @ 2.40GHz	**45,904**	$1,262.34
[Dual CPU] Intel Xeon Gold 5415+	**45,665**	$2,132.00*
[Dual CPU] Intel Xeon Silver 4410Y	**45,637**	$1,126.00*
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	**44,713**	$679.90
[Dual CPU] Intel Xeon Gold 6230 @ 2.10GHz	**44,697**	$2,539.48
[Dual CPU] AMD EPYC 7272	**44,270**	$1,198.00
[Dual CPU] Intel Xeon Platinum P-8124 @ 3.00GHz	**43,913**	NA
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	**43,248**	$1,420.08
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	**42,206**	$6,226.44*
[Dual CPU] Intel Xeon Gold 6139 @ 2.30GHz	**42,137**	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	**42,129**	$1,084.00
[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	**41,925**	$1,856.46
[Dual CPU] Intel Xeon Gold 5218R @ 2.10GHz	**41,795**	$1,603.04
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	**41,683**	$24,800.00*
[Dual CPU] Intel Xeon E5-2699A v4 @ 2.40GHz	**41,649**	$9,876.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	**41,264**	$3,920.54
[Dual CPU] AMD EPYC 7F32	**41,230**	$4,931.02*
[Quad CPU] Intel Xeon E5-4650 v4 @ 2.20GHz	**41,126**	$392.00*
[Dual CPU] Intel Xeon Gold 5218N @ 2.30GHz	**41,082**	$2,840.00*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	**40,934**	$8,039.82*
[Dual CPU] Intel Xeon Gold 6122 @ 1.80GHz	**40,707**	$4,004.00*
[Dual CPU] Intel Xeon Gold 6226R @ 2.90GHz	**40,615**	$2,398.00
[Dual CPU] Intel Xeon Gold 6138T @ 2.00GHz	**40,064**	$6,691.56
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	**39,979**	$2,967.90
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	**39,894**	$3,900.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	**39,435**	$1,817.40*
[Dual CPU] Intel Xeon Gold 6242 @ 2.80GHz	**39,315**	$2,642.22
[Quad CPU] Intel Xeon E7-4880 v2 @ 2.50GHz	**39,311**	$1,196.00*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	**37,859**	$425.00
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	**37,700**	$848.90
[Dual CPU] Intel Xeon Silver 4310 @ 2.10GHz	**37,509**	$840.00
[Quad CPU] Intel Xeon E5-4657L v2 @ 2.40GHz	**37,454**	$3,004.76*
[Dual CPU] Intel Xeon Gold 5315Y @ 3.20GHz	**37,309**	$3,997.90
[Dual CPU] Intel Xeon Gold 6149 @ 3.10GHz	**37,240**	NA
[Quad CPU] Intel Xeon E7-8867 v3 @ 2.50GHz	**36,908**	$18,688.00*
[Quad CPU] Intel Xeon E7-8857 v2 @ 3.00GHz	**36,304**	$15,352.00*
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	**35,933**	$797.90
[Dual CPU] Intel Xeon Gold 6130H @ 2.10GHz	**35,440**	NA
[Dual CPU] Intel Xeon Gold 6250 @ 3.90GHz	**35,164**	$4,523.94

[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	35,085	$2,710.00
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	34,829	$1,179.90
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	34,810	$1,093.98
[Dual CPU] AMD EPYC 7252	34,786	$749.98
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	34,757	$2,698.00*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	34,573	$1,000.00
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	34,430	NA
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	34,364	$942.90
[Dual CPU] AMD EPYC 7262	34,227	$974.40
[Dual CPU] Intel Xeon Gold 5218 @ 2.30GHz	34,176	$1,794.00
[Dual CPU] AMD EPYC 7301	34,148	$2,999.96*
[Dual CPU] Intel Xeon Gold 6334 @ 3.60GHz	34,029	$5,502.58*
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	33,742	NA
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	33,310	$5,940.00*
[Dual CPU] Intel Xeon Silver 4309Y @ 2.80GHz	33,041	$868.62
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	32,889	NA
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	32,805	$1,995.80
[Dual CPU] Intel Xeon Gold 6226 @ 2.70GHz	32,627	$2,100.00
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	32,324	$1,995.80*
[Dual CPU] Intel Xeon Platinum 8153 @ 2.00GHz	32,180	$6,230.00*
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	31,826	$15,680.00
[Dual CPU] Intel Xeon Silver 4216 @ 2.10GHz	31,775	$1,500.00
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	31,474	$10,800.00*
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	31,474	$504.00
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	31,350	$3,122.00*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	31,088	$410.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	31,008	$426.38
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	30,626	NA
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	30,323	NA
[Dual CPU] Intel Xeon Silver 4214R @ 2.40GHz	29,984	$1,044.96
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	29,553	$3,780.00
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	29,232	$210.00
[Dual CPU] Intel Xeon E5-4650 v4 @ 2.20GHz	28,981	$196.00*
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	28,888	$2,850.00
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	28,756	$456.00
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	28,621	$1,854.90
[Quad CPU] Intel Xeon E7-8893 v4 @ 3.20GHz	28,424	$27,364.00*
[Dual CPU] Intel Xeon Platinum 8253 @ 2.20GHz	28,165	$13,797.90
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	28,140	$490.00
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	27,797	NA
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	27,375	$118.00
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27,281	$340.00
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	27,008	$496.00*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	26,863	NA
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	26,398	$83.98
[Dual CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	25,966	$219.28*
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz	25,482	$800.00

[Dual CPU] Intel Xeon Gold 5217 @ 3.00GHz	**25,455**	$2,089.16
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	**25,440**	$1,192.66
[Dual CPU] AMD EPYC 7351	**25,431**	$1,298.00
[Dual CPU] Intel Xeon Silver 4215R @ 3.20GHz	**25,172**	$1,390.00
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	**25,055**	$12,400.00*
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	**24,728**	$212.38*
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	**24,723**	$897.90
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	**24,437**	$1,412.10
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	**24,434**	$20,034.04*
[Dual CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	**24,421**	$7,218.00*
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	**24,355**	$1,743.98*
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	**24,299**	$71.98
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	**24,050**	$420.14
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	**23,802**	$99.98
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	**23,794**	NA
[Dual CPU] Intel Xeon Silver 4210 @ 2.20GHz	**23,776**	$499.90
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	**23,687**	NA
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	**23,649**	$156.56*
[Quad CPU] Intel Xeon E5-4610 @ 2.40GHz	**23,354**	$844.92
[Dual CPU] Intel Xeon Silver 4210R @ 2.40GHz	**23,245**	$705.50
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	**23,110**	$345.60
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	**22,790**	$1,400.00*
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	**22,703**	$78.00
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	**22,697**	$340.00
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	**22,559**	NA
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	**22,547**	$147.98
[Dual CPU] Intel Xeon Silver 4215 @ 2.50GHz	**22,379**	$1,156.04
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	**22,201**	$188.56
[Dual CPU] Intel Xeon E5-4627 v4 @ 2.60GHz	**22,162**	$1,999.98*
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	**22,139**	$98.00
[Dual CPU] Intel Xeon Gold 5215 @ 2.50GHz	**22,066**	$1,961.72
[Dual CPU] Intel Xeon E5-2676 v3 @ 2.40GHz	**21,875**	NA
[Dual CPU] Intel Xeon E5-2658 v3 @ 2.20GHz	**21,856**	NA
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	**21,671**	NA
[Dual CPU] Intel Xeon E5-4657L v2 @ 2.40GHz	**21,548**	$1,502.38*
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	**21,385**	$591.80*
[Quad CPU] Intel Xeon E5-4640 @ 2.40GHz	**21,374**	$156.00
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	**21,343**	$78.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	**21,225**	$236.00
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	**21,180**	$400.00
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	**21,039**	NA
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	**21,032**	$378.00*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	**20,942**	$579.90
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	**20,889**	$432.12
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	**20,550**	$802.90
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	**20,367**	$159.96*
[Dual CPU] Intel Xeon E5-4627 v3 @ 2.60GHz	**20,294**	$4,800.00*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	**20,233**	NA

[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	**20,202**	$1,350.00
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	**20,036**	$51.98
[Quad CPU] Intel Xeon E7-4830 @ 2.13GHz	**19,981**	$6,741.76*
[Dual CPU] Intel Xeon Silver 4208 @ 2.10GHz	**19,793**	$476.60
[Dual CPU] Intel Xeon E5-2630L v4 @ 1.80GHz	**19,755**	$258.00
[Quad CPU] AMD Opteron 6376	**19,717**	$6,628.00
[Dual CPU] Intel Core i5-12400F	**19,680**	$299.98
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	**19,629**	$536.10
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	**19,528**	$29.98
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	**19,525**	$31.98
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	**19,028**	$5,190.00*
[Dual CPU] Intel Xeon E5-2650L v3 @ 1.80GHz	**18,840**	$2,730.00*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	**18,357**	$59.98
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	**18,334**	$280.14*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	**18,250**	$253.48*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	**18,048**	$364.00*
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	**17,843**	$41.98
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	**17,737**	$1,298.90
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	**17,727**	$2,432.82
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	**17,587**	$25.98
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	**17,449**	$78.00
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	**17,099**	$39.90
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	**17,012**	$182.00
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	**16,977**	$25.88
[Dual CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	**16,913**	$182.00*
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	**16,902**	$143.52*
[Dual CPU] Intel Xeon Platinum 8156 @ 3.60GHz	**16,852**	$8,570.00
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	**16,850**	$384.00
[Dual CPU] Intel Xeon Platinum 8256 @ 3.80GHz	**16,787**	$14,992.00*
[Dual CPU] Intel Xeon E5-2651 v2 @ 1.80GHz	**16,360**	$556.20*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	**16,248**	$798.00
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	**16,044**	$160.00
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	**16,028**	$1,890.00*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	**15,978**	$569.90
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	**15,924**	$58.00
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	**15,898**	$997.90*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	**15,853**	$499.90
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	**15,776**	$365.50*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	**15,656**	$35.98
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	**15,329**	$2,200.00
[Dual CPU] Intel Xeon E5-4610 v4 @ 1.80GHz	**15,084**	$845.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	**14,785**	$251.32
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	**14,652**	$158.00*
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	**14,647**	$292.42
[Quad CPU] AMD Opteron 6380	**14,622**	$4,378.44
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	**14,220**	$78.00
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	**14,108**	$12.10
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	**13,818**	$1,209.00*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	**13,808**	$78.00

[Quad CPU] AMD Opteron 6278	**13,733**	$512.00
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	**13,713**	$248.00*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	**13,638**	$58.00
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	**13,412**	$200.00
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	**13,284**	$297.90
[Quad CPU] AMD Opteron 6378	**13,236**	$799.96
[5-Way] AMD Ryzen 9 5950X	**13,220**	$2,349.95
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	**13,118**	$78.00
[Dual CPU] AMD Opteron 6348	**13,072**	$2,200.22
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	**12,979**	$58.00
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	**12,949**	$187.16
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	**12,871**	$372.40
[Dual CPU] AMD Opteron 6386 SE	**12,761**	$1,707.42
[Quad CPU] AMD Opteron 6174	**12,607**	$2,970.08
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	**12,389**	$320.64
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	**12,366**	$439.90
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	**12,366**	$166.12*
[Dual CPU] AMD Opteron 6378	**12,352**	$399.98
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	**12,267**	$322.50
[Dual CPU] AMD Opteron 6380	**12,061**	$2,189.22
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	**12,022**	$179.90
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	**11,738**	NA
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	**11,702**	$459.90
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	**11,581**	$58.00
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	**11,571**	$48.80
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	**11,504**	$148.48
[Dual CPU] Intel Xeon E5-4620 @ 2.20GHz	**11,474**	$158.44*
[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz	**11,387**	$71.76*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	**11,364**	$58.00
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	**11,267**	$156.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	**11,018**	$200.00
[Dual CPU] AMD Opteron 6376	**10,978**	$3,314.00
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	**10,825**	$58.00
[Dual CPU] Intel Xeon Bronze 3206R @ 1.90GHz	**10,797**	$612.00*
[Quad CPU] AMD Opteron 6276	**10,763**	$794.76
[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	**10,663**	$331.76
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	**10,606**	$168.00
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	**10,463**	$200.00
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	**10,408**	$98.00*
[Quad CPU] Intel Xeon E7540 @ 2.00GHz	**10,376**	$196.00*
[Dual CPU] AMD Opteron 6274	**10,313**	$1,518.22
[Dual CPU] AMD Opteron 6366 HE	**10,265**	$1,541.46*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	**10,162**	$193.10
[Quad CPU] AMD Opteron 6328	**10,076**	$2,860.44
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	**10,061**	$78.00
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	**10,053**	$2,701.40*
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	**10,023**	$822.90
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	**9,940**	NA
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	**9,932**	$394.64

[Dual CPU] AMD Opteron 6328	9,926	$1,430.22
[Dual CPU] AMD Opteron 6276	9,856	$397.38
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	9,672	$3,810.28
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	9,642	$58.00
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	9,635	$422.62*
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	9,622	$103.64*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	9,469	$25.98
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	9,431	NA
[Dual CPU] AMD Opteron 4386	9,359	$919.88*
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	9,338	$390.50*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	9,336	$58.00
[Dual CPU] AMD Opteron 6272	9,328	$597.90
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	9,148	$192.00
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	8,878	$220.00*
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	8,709	$89.98*
[Dual CPU] AMD Opteron 6234	8,644	$901.98
[Dual CPU] AMD Opteron 4284	8,560	$200.50
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	8,536	$58.00
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	8,506	$78.00
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8,500	$154.00*
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	8,479	$78.00
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	8,413	$209.76
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8,412	$36.08*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	8,369	$39.86*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	8,110	$1,100.00
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8,050	$439.90
[Dual CPU] AMD Opteron 6136	7,964	$698.00
[Dual CPU] AMD Opteron 6220	7,951	$440.22
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	7,927	$354.00
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	7,873	$200.00
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	7,836	$442.40*
[Dual CPU] AMD Opteron 6176 SE	7,818	$499.78*
[Quad CPU] AMD Opteron 8378	7,788	$352.84*
[Quad CPU] Intel Xeon E5-4607 v2 @ 2.60GHz	7,557	$291.20*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	7,409	$58.00
[3-Way] ARM ARMv8 rev 1 (v8l) 12 Core 2201 MHz	7,371	NA
[Quad CPU] Intel Xeon E7530 @ 1.87GHz	7,231	$220.00*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	7,217	$139.80*
[Dual CPU] AMD Opteron 6282 SE	7,130	$1,540.22
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	6,823	$308.00
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	6,816	$58.00
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	6,792	$340.00*
[Dual CPU] Intel Xeon E5-4603 @ 2.00GHz	6,690	$264.38
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	6,640	$2,812.68*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	6,626	$150.00
[Quad CPU] Intel Xeon E7340 @ 2.40GHz	6,544	$124.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	6,447	$98.00
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	6,414	$178.00
[Dual CPU] AMD Opteron 8439 SE	6,340	$7,294.70*

[Dual CPU] AMD Opteron 6128 HE	**6,339**	NA
[Dual CPU] AMD Opteron 6128	**6,307**	$538.00
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	**6,279**	$1,158.90
[Dual CPU] Intel Xeon E7- 4807 @ 1.87GHz	**6,223**	$90.00*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	**6,191**	$200.00
[Dual CPU] AMD Opteron 6134	**6,053**	$198.94
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	**5,879**	$58.00
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	**5,775**	$158.00*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	**5,774**	$200.00
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	**5,768**	NA
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	**5,618**	$248.00*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	**5,469**	$2,782.58*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	**5,420**	$78.00
[Quad CPU] AMD Opteron 8356	**5,397**	$812.04*
[Quad CPU] Intel Xeon E7320 @ 2.13GHz	**5,286**	NA
[Dual CPU] AMD Opteron 2435	**5,260**	$21.90*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	**5,227**	$199.90*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	**5,170**	$59.98
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	**5,125**	$359.90*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	**5,017**	$102.00
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	**5,010**	$224.52*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	**4,989**	$439.10*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	**4,969**	$69.76
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	**4,905**	$450.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	**4,834**	$90.68*
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	**4,830**	$58.00
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	**4,803**	$404.38
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	**4,765**	$40.08*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	**4,719**	$99.92*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	**4,616**	$73.98*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	**4,542**	$452.00*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	**4,523**	$100.04*
[Dual CPU] AMD Opteron 2382	**4,516**	NA
[Dual CPU] AMD Opteron 2427	**4,499**	$110.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	**4,440**	$75.98*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	**4,433**	$58.00
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	**4,327**	$459.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	**4,302**	$125.98*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	**4,269**	$438.00*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	**4,258**	$200.00
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	**4,221**	$55.00*
[Dual CPU] AMD Opteron 4130	**4,200**	$459.90*
[Dual CPU] AMD Opteron 2387	**4,105**	NA
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	**4,039**	$499.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	**4,019**	$236.00
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	**4,010**	$197.32
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	**3,974**	$200.16*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	**3,871**	$599.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	**3,827**	$21.38*

[Dual CPU] Intel Xeon E5506 @ 2.13GHz	**3,717**	$177.26
[Dual CPU] AMD Opteron 2374 HE	**3,667**	$110.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	**3,548**	$178.00
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	**3,463**	$29.98
[Dual CPU] AMD Opteron 2373 EE	**3,415**	NA
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	**3,313**	$470.98*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	**3,292**	$58.00
[Dual CPU] AMD Opteron 2354	**3,242**	$570.38*
[Quad CPU] Intel Xeon E5-2420 @ 1.90GHz	**3,065**	$116.00
[Dual CPU] AMD Opteron 2356	**3,009**	$159.90
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	**2,822**	$77.50*
[Quad CPU] AMD Opteron 885	**2,696**	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	**2,629**	$98.00*
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	**2,389**	$26.00*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	**2,259**	$87.00*
[Dual CPU] AMD Opteron 2222	**2,123**	$38.00*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	**2,026**	$61.98*
[Dual CPU] AMD Opteron 2218	**1,994**	$910.00
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	**1,853**	$78.00
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	**1,752**	$73.98*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	**1,707**	$256.00*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	**1,581**	$97.98*
[Dual CPU] AMD Opteron 2220	**1,533**	$2,074.52
[Dual CPU] Intel Xeon 3.73GHz	**1,511**	NA
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	**1,486**	$786.00
[Dual CPU] AMD Opteron 285	**1,441**	$49.90*
[Dual CPU] AMD Opteron 290	**1,430**	$270.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	**1,289**	$70.00*
[Dual CPU] Intel Xeon 3.40GHz	**843**	NA
[Dual CPU] Intel Xeon 3.20GHz	**786**	NA
[Dual CPU] Intel Xeon 3.06GHz	**533**	NA