



[Home](#)
[Software](#)
[Hardware](#)
[Benchmarks](#)
[Services](#)
[Store](#)
[Support](#)
[Forums](#)
[About Us](#)

[Home](#) » [CPU Benchmarks](#) » Multiple CPU Systems

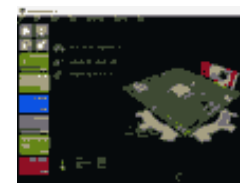
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# CPU Benchmarks

Over 1,000,000 CPUs  
Benchmarked



----Select A Page ----



**How does your CPU compare?**

Add your CPU to our benchmark chart  
with **PerformanceTest V9!**

## 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 Opteron processors which can be placed in multiple socket motherboards. These multi-CPU systems 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.

Unlike the other charts, this chart is only comprised of V8 and V9 submissions. We have released one last chart for PerformanceTest V7, available [here](#).

### CPU Mark | Price Performance

(Click to select desired chart)

## PassMark - CPU Mark Multiple CPU Systems - Updated 15th of June 2018

[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44,139
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39,560
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36,185

**Ttl Price  
(USD)**






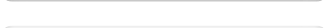















**\$40,060.00\***
















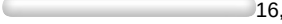





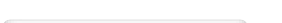










**\$11,780.00\***








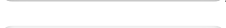











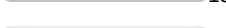












**\$7,086.00\***








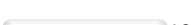



[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35,823	\$5,359.98
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35,438	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35,368	\$7,599.98*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34,330	\$16,020.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	34,296	\$7,002.02
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	34,021	\$5,269.54*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32,235	\$6,452.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31,897	NA
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31,480	\$6,019.90*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31,175	NA
[Dual CPU] AMD EPYC 7551	30,966	\$7,458.66
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30,520	\$5,610.00
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30,116	\$4,996.00*
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29,958	\$6,848.04*
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29,934	\$5,404.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29,799	NA
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29,124	\$5,320.00
[Dual CPU] AMD EPYC 7451	28,957	\$5,201.98
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28,349	\$5,323.80*
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28,278	\$5,850.00*
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28,161	NA
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	27,839	\$4,696.52*
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27,561	\$4,701.76
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27,457	\$10,800.00*
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26,529	\$4,614.62*
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26,185	NA
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26,139	\$5,179.96*
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26,071	NA
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25,668	\$3,781.60
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25,618	\$5,120.64
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	25,481	\$6,820.00
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25,469	\$3,122.00*
















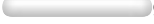





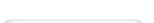










[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz		24,877	NA
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz		24,877	\$2,910.00
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz		24,852	\$4,018.00
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz		24,511	NA
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz		24,503	\$3,799.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz		24,344	\$5,904.00*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz		24,299	NA
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz		24,199	\$6,019.90
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz		24,133	NA
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz		23,914	NA
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz		23,897	\$1,178.00
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz		23,855	\$4,452.08
[Dual CPU] AMD EPYC 7501		23,727	\$7,445.98
[Dual CPU] AMD EPYC 7401		23,518	\$4,063.98
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz		23,383	\$4,470.04*
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz		23,368	\$3,525.80*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz		23,254	NA
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz		23,225	\$7,427.10*
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz		23,117	\$2,977.98
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz		23,109	\$4,519.90*
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz		23,077	NA
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz		23,072	\$3,394.00*
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz		22,959	\$1,400.00*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz		22,929	\$918.00
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz		22,733	\$3,059.90
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz		22,461	\$9,600.00*
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz		22,412	\$12,400.00*
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz		22,371	\$2,900.00*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz		22,049	NA
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz		21,833	\$2,675.98
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz		21,705	\$3,260.00
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz		21,616	\$849.48

[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz		21,498	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz		21,447	\$2,696.00*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz		21,392	\$3,950.00
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz		21,372	\$1,967.20*
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz		21,315	\$5,018.00*
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz		21,250	NA
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz		21,136	\$998.02
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz		21,083	\$3,720.00*
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz		21,008	\$1,018.16
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz		20,981	\$3,969.98*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz		20,924	\$2,992.00*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz		20,764	\$1,940.72*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz		20,653	NA
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz		20,590	\$3,549.70*
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz		20,514	\$3,094.54
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz		20,504	\$1,980.00
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz		20,452	\$2,517.98
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz		20,362	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz		20,005	\$404.00
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz		19,952	NA
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz		19,703	\$2,242.32*
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz		19,588	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz		19,491	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz		19,401	\$983.60*
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz		19,391	NA
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz		19,339	\$2,702.94
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz		19,244	\$1,489.46*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz		19,209	NA
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz		19,049	\$1,079.80
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz		18,939	\$1,380.00
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz		18,581	\$1,419.32
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz		18,572	\$4,500.00*




[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz		18,318	\$610.68
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz		18,256	\$488.40
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz		18,227	\$351.24
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz		18,145	\$1,080.16*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz		18,096	NA
[8-Way] Intel Xeon X7560 @ 2.27GHz		17,658	\$176.00
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz		17,470	\$283.00*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz		17,337	\$15,352.00*
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz		17,269	\$159.96*
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz		17,001	\$357.98*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz		16,920	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz		16,874	\$359.60*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz		16,758	\$2,589.98*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz		16,678	\$2,099.38
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz		16,613	\$633.44*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz		16,556	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz		16,536	\$204.00
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz		16,456	\$2,591.90*
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz		16,416	\$884.00
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz		16,054	\$318.00
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz		16,028	NA
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz		15,958	\$3,298.44
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz		15,952	\$13,175.16*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz		15,924	\$14,079.88*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz		15,897	\$5,460.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz		15,686	NA
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[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz		15,441	\$939.32*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz		15,414	\$88.00
[Quad CPU] AMD Opteron 6276		15,342	\$1,235.56
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz		15,272	\$1,096.76
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz		15,183	\$1,503.84*

[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz		15,022	\$243.00
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz		14,876	\$7,676.00*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz		14,765	\$679.90
[Quad CPU] AMD Opteron 6376		14,681	\$2,466.28
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz		14,589	NA
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[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz		13,345	\$2,924.00*
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz		12,854	\$800.00*
[Dual CPU] AMD EPYC 7281		12,720	\$1,415.96
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz		12,698	\$799.96*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz		12,650	\$478.00
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz		12,455	\$216.90
[Quad CPU] AMD Opteron 6380		12,442	\$1,579.96
[Dual CPU] Intel Xeon X5670 @ 2.93GHz		12,357	\$146.98
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz		12,354	NA
[Quad CPU] AMD Opteron 6272		12,292	\$1,249.60
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz		12,250	NA

[Quad CPU] Intel Xeon X7460 @ 2.66GHz	 12,250	\$423.20*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	 12,208	\$1,098.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	 12,145	\$270.00*
[Quad CPU] AMD Opteron 6278	 12,055	\$2,770.00*
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	 12,010	\$181.24
[Dual CPU] AMD Opteron 6284 SE	 11,985	NA
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	 11,886	\$129.98
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	 11,808	\$2,958.00*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	 11,725	\$1,159.90
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	 11,724	\$749.60
[Dual CPU] AMD Opteron 6328	 11,722	\$1,019.96
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	 11,677	\$261.86
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	 11,646	\$697.32*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	 11,631	\$44.00
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	 11,506	\$700.00*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	 11,498	\$1,100.00*
[Dual CPU] AMD Opteron 6348	 11,412	\$1,249.96
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	 11,400	\$92.52
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	 11,390	\$207.98*
[Dual CPU] AMD Opteron 4386	 11,360	\$757.04*
[Dual CPU] AMD Opteron 6344	 11,178	\$809.96
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	 11,068	NA
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	 10,992	\$868.00*
[Dual CPU] AMD Opteron 6320	 10,914	\$539.96
[Dual CPU] AMD Opteron 6386 SE	 10,764	\$299.98
[Dual CPU] AMD Opteron 6220	 10,740	\$420.00
[Dual CPU] AMD Opteron 6274	 10,682	\$420.00
[Quad CPU] AMD Opteron 6274	 10,488	\$840.00
[Dual CPU] AMD Opteron 4340	 10,419	NA
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	 10,413	\$459.90
[Dual CPU] AMD Opteron 6376	 10,405	\$1,233.14
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	 10,356	\$3,080.20*

[Dual CPU] AMD Opteron 6238		10,349	\$2,176.22*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz		10,348	\$219.58
[Dual CPU] Intel Xeon W5647 @ 2.93GHz		10,279	NA
[Dual CPU] AMD Opteron 6234		10,262	\$799.98*
[Dual CPU] AMD Opteron 4376 HE		10,244	\$1,257.44*
[Quad CPU] Intel Xeon E7440 @ 2.40GHz		10,195	\$359.96*
[Dual CPU] AMD Opteron 6276		10,194	\$617.78
[Dual CPU] Intel Xeon W5580 @ 3.20GHz		10,110	\$207.76*
[Dual CPU] Intel Xeon X5672 @ 3.20GHz		10,053	\$230.24*
[Dual CPU] AMD Opteron 6272		10,026	\$624.80
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz		10,019	\$896.04
[Dual CPU] Intel Xeon X7550 @ 2.00GHz		9,937	\$550.00*
[Dual CPU] AMD Opteron 6275		9,936	NA
[Dual CPU] Intel Xeon X5647 @ 2.93GHz		9,844	\$399.50*
[Quad CPU] AMD Opteron 6136		9,767	\$1,436.00*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz		9,741	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz		9,734	\$69.50*
[Dual CPU] AMD Opteron 4276 HE		9,681	NA
[Dual CPU] Intel Xeon L5639 @ 2.13GHz		9,618	NA
[Dual CPU] Intel Xeon X5570 @ 2.93GHz		9,573	\$93.20
[Quad CPU] Intel Xeon E7450 @ 2.40GHz		9,573	\$1,310.40*
[Quad CPU] Intel Xeon X7350 @ 2.93GHz		9,542	\$143.96*
[Dual CPU] AMD Opteron 4334		9,468	\$432.84*
[Dual CPU] AMD Opteron 4234		9,361	\$601.40*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz		9,084	\$113.80*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz		9,041	\$631.80*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz		9,021	\$34.54*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz		9,018	\$952.62*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz		8,987	\$504.00
[Dual CPU] AMD Opteron 6212		8,955	\$419.00*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz		8,952	\$139.80*
[Quad CPU] AMD Opteron 8439 SE		8,943	\$300.00*



[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz		8,839	\$968.02*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz		8,817	\$140.00
[Dual CPU] Intel Xeon E5640 @ 2.67GHz		8,790	\$359.90*
[Dual CPU] AMD Opteron 6174		8,776	\$21.98
[Dual CPU] Intel Xeon X5492 @ 3.40GHz		8,769	\$2,782.58*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz		8,721	\$211.60*
[Dual CPU] AMD Opteron 6132 HE		8,657	NA
[Quad CPU] Intel Xeon X7542 @ 2.67GHz		8,636	\$1,356.96*
[Quad CPU] AMD Opteron 8382		8,553	\$796.00*
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz		8,542	\$459.98*
[Dual CPU] Intel Xeon X5698 @ 4.40GHz		8,488	NA
[Dual CPU] AMD Opteron 6176 SE		8,448	\$552.00*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz		8,374	\$436.64
[Dual CPU] Intel Xeon E5630 @ 2.53GHz		8,366	\$479.90*
[Dual CPU] AMD Opteron 6308		8,351	\$1,013.68*
[Quad CPU] AMD Opteron 6128 HE		8,323	NA
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz		8,321	NA
[Dual CPU] Intel Xeon X5482 @ 3.20GHz		8,258	\$199.98*
[Quad CPU] AMD Opteron 8431		8,252	\$55.96
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz		8,230	\$166.58
[Dual CPU] Intel Xeon X5470 @ 3.33GHz		8,204	\$587.74*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz		8,106	\$32.54
[Dual CPU] AMD Opteron 4226		8,088	\$936.14*
[Dual CPU] AMD Opteron 2439 SE		8,071	\$179.98*
[Dual CPU] AMD Opteron 4228 HE		7,986	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz		7,955	\$3,611.90*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz		7,939	\$27.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz		7,876	\$120.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz		7,859	\$54.84*
[Dual CPU] AMD Opteron 4184		7,848	\$1,039.90*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz		7,836	\$109.60*
[Dual CPU] AMD Opteron 4284		7,833	\$714.60*

[Dual CPU] Intel Xeon X5472 @ 3.00GHz	 7,780	\$450.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	 7,751	NA
[Dual CPU] AMD Opteron 6168	 7,741	\$190.28*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	 7,740	\$51.60*
[Dual CPU] AMD Opteron 8439 SE	 7,691	\$150.00*
[3-Way] Intel Xeon X7460 @ 2.66GHz	 7,672	\$317.40*
[Dual CPU] AMD Opteron 6172	 7,623	\$419.90
[Dual CPU] AMD Opteron 8435	 7,606	\$197.98*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	 7,579	\$73.84
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	 7,569	\$670.08
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	 7,503	\$76.00
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	 7,438	\$43.98
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	 7,416	\$1,770.00*
[Quad CPU] AMD Opteron 8425 HE	 7,359	NA
[Dual CPU] AMD Opteron 6136	 7,255	\$718.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	 7,217	\$42.48*
[Quad CPU] Quad-Core AMD Opteron 8356	 7,170	\$43.96
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	 7,148	\$54.60*
[Dual CPU] AMD Opteron 6204	 7,134	NA
[Dual CPU] AMD Opteron 2435	 7,124	\$240.80*
[Quad CPU] AMD Opteron 8435	 7,099	\$395.96*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	 7,021	\$340.00*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	 7,006	\$31.80*
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	 6,944	\$53.40*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	 6,904	NA
[Dual CPU] AMD Opteron 6128	 6,881	\$470.00
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	 6,871	\$96.20
[Dual CPU] Quad-Core AMD Opteron 8393 SE	 6,864	NA
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	 6,600	\$315.90*
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	 6,594	\$71.98*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	 6,520	\$761.64*
[Dual CPU] AMD Opteron 8389	 6,517	\$41.98

[Quad CPU] AMD Opteron 8360 SE	 6,490	\$84.00*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	 6,487	\$315.90*
[Dual CPU] AMD Opteron 2387	 6,441	NA
[Dual CPU] AMD Opteron 2431	 6,438	\$80.00
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	 6,385	\$519.90
[Dual CPU] AMD Opteron 4180	 6,367	\$450.08
[Dual CPU] AMD Opteron 4170 HE	 6,344	\$679.90
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	 6,326	\$828.92*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	 6,304	\$445.68*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	 6,252	\$213.76*
[Dual CPU] AMD Opteron 2425 HE	 6,209	NA
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	 6,204	\$895.18
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	 6,163	\$200.16*
[Quad CPU] AMD Opteron 8381 HE	 6,097	NA
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	 6,038	\$414.02*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	 5,989	\$620.00*
[Dual CPU] AMD Opteron 2427	 5,980	\$190.28*
[Dual CPU] Six-Core AMD Opteron 2423 HE	 5,969	NA
[Dual CPU] AMD Opteron 2384	 5,914	\$1,680.00*
[Dual CPU] AMD Opteron 8431	 5,813	\$27.98
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	 5,809	\$37.78
[Dual CPU] AMD Opteron 2380	 5,754	\$50.00*
[Dual CPU] AMD Opteron 2389	 5,677	\$39.98
[Dual CPU] Six-Core AMD Opteron 2419 EE	 5,654	NA
[Dual CPU] AMD Opteron 4130	 5,651	\$617.90*
[Dual CPU] AMD Opteron 8380	 5,643	\$412.00*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	 5,624	NA
[Dual CPU] AMD Opteron 6128 HE	 5,582	NA
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	 5,563	\$545.64
[Dual CPU] AMD Opteron 2378	 5,559	\$358.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	 5,444	\$62.00*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	 5,434	\$913.82*

[Dual CPU] Quad-Core AMD Opteron 8378	 5,382	\$176.42*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	 5,376	\$179.98*
[Dual CPU] AMD Opteron 2360 SE	 5,315	\$54.00
[Dual CPU] AMD Opteron 2376	 5,238	\$50.00*
[Dual CPU] AMD Opteron 8381 HE	 5,210	NA
[Dual CPU] AMD Opteron 2419	 5,191	\$23.98
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	 5,183	\$37.04
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	 5,134	\$82.56*
[Dual CPU] AMD Opteron 6164 HE	 5,109	NA
[Dual CPU] Quad-Core AMD Opteron 2358 SE	 5,042	\$330.00*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	 5,037	\$299.90*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	 4,944	NA
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	 4,892	\$55.40*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	 4,891	\$76.40*
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	 4,890	\$280.00*
[Dual CPU] AMD Opteron 2374 HE	 4,799	\$379.98*
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	 4,778	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	 4,689	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	 4,593	\$35.54
[Dual CPU] AMD Opteron 2354	 4,566	\$664.02*
[Dual CPU] AMD Opteron 4280	 4,525	\$912.88*
[Dual CPU] AMD Opteron 2356	 4,487	\$29.90
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	 4,469	\$62.80*
[Dual CPU] Quad-Core AMD Opteron 8356	 4,376	\$21.98
[Dual CPU] Quad-Core AMD Opteron 8350	 4,290	\$439.98*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	 4,286	\$139.98*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	 4,236	\$258.08*
[Dual CPU] Quad-Core AMD Opteron 2352	 4,171	\$70.00
[Dual CPU] AMD Opteron 2373 EE	 4,164	NA
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	 4,141	\$315.90*
[Dual CPU] AMD Opteron 2346 HE	 4,095	NA
[Dual CPU] AMD Opteron 2350	 4,090	\$539.98*

[Dual CPU] AMD Opteron 4122	 4,076	\$519.90
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	 4,038	NA
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	 3,848	\$29.20*
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	 3,588	\$519.90*
[Dual CPU] Dual-Core AMD Opteron 8224 SE	 3,532	NA
[Dual CPU] AMD Opteron 2347 HE	 3,470	\$471.66*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	 3,449	\$187.98*
[Quad CPU] Intel Xeon 3.40GHz	 3,395	NA
[Dual CPU] AMD Opteron 2222 SE	 3,257	\$71.90*
[Dual CPU] AMD Opteron 8354	 3,223	\$44.00
[Dual CPU] AMD Athlon 64 FX-72	 3,163	NA
[Dual CPU] AMD Opteron 6180 SE	 3,114	NA
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	 3,017	NA
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	 2,999	\$79.98*
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	 2,985	\$93.98*
[Dual CPU] AMD Opteron 2222	 2,972	\$3,329.96*
[Dual CPU] AMD Athlon 64 FX-74	 2,945	\$999.00*
[Dual CPU] AMD Opteron 6378	 2,905	\$798.00*
[Dual CPU] AMD Opteron 2220 SE	 2,882	\$50.00
[Dual CPU] AMD Opteron 885	 2,851	NA
[Dual CPU] AMD Opteron 2220	 2,850	\$2,950.32
[Dual CPU] AMD Opteron 8218	 2,831	\$42.00
[Dual CPU] AMD Opteron 290	 2,807	\$270.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	 2,801	\$574.02*
[Dual CPU] AMD Opteron 8222 SE	 2,793	\$6,180.64*
[Dual CPU] AMD Opteron 285	 2,772	NA
[Dual CPU] AMD Opteron 2218	 2,719	\$64.84*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	 2,614	\$76.80*
[Dual CPU] AMD Opteron 2216 HE	 2,593	NA
[Dual CPU] AMD Opteron 2218 HE	 2,514	NA
[Dual CPU] AMD Opteron 2216	 2,485	\$356.00*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	 2,480	\$190.00*

[Dual CPU] AMD Opteron 2214 HE	 2,463	NA
[Dual CPU] AMD Opteron 280	 2,452	\$1,593.34*
[Dual CPU] AMD Opteron 2214	 2,344	\$1,138.00*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	 2,310	\$3,289.96*
[Dual CPU] Dual-Core AMD Opteron 2212 HE	 2,302	NA
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	 2,279	\$18.84*
[Dual CPU] AMD Opteron 270	 2,226	\$1,214.94*
[Dual CPU] AMD Opteron 2212	 2,203	\$24.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	 2,148	\$319.90*
[Dual CPU] AMD Opteron 275	 2,133	\$129.98
[Dual CPU] AMD Opteron 265	 2,010	\$319.90*
[Dual CPU] Intel Xeon 3.73GHz	 1,862	NA
[Dual CPU] AMD Opteron 256	 1,853	\$38.00*
[Dual CPU] Intel Xeon MV 3.20GHz	 1,609	NA
[Quad CPU] Intel Xeon 3.00GHz	 1,472	NA
[Dual CPU] AMD Opteron 250	 1,438	\$22.00*
[Dual CPU] AMD Opteron 252	 1,385	\$126.72*
[Dual CPU] C-QuadCore C4700@2.0GHz	 1,163	NA
[Dual CPU] AMD Opteron 246	 1,130	\$39.98
[Dual CPU] AMD Opteron 248	 1,053	\$219.90
[Dual CPU] Intel Xeon 3.80GHz	 993	\$1,702.00*
[Dual CPU] Intel Xeon 3.60GHz	 926	\$1,702.00*
[Dual CPU] Intel Xeon 3.40GHz	 893	NA
[Dual CPU] Intel Xeon 3.20GHz	 857	NA
[Dual CPU] AMD Opteron 254	 816	NA
[Dual CPU] Intel Xeon 3.00GHz	 784	NA
[Dual CPU] Intel Xeon 2.80GHz	 687	NA
[Dual CPU] Intel Xeon MP 3.00GHz	 624	NA
[Dual CPU] Intel Xeon 3.06GHz	 604	NA
[Dual CPU] AMD Athlon MP 2000+	 604	NA
[Dual CPU] Intel Xeon 2.66GHz	 601	NA
[Dual CPU] Intel Xeon MP 2.50GHz	 550	NA

[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	\$90.00*
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	NA
[Dual CPU] Intel Xeon 2.40GHz	479	\$18.20*
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	NA
[Dual CPU] Intel XEON 2.20GHz	453	NA
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	NA
[Dual CPU] Intel XEON 1.80GHz	362	NA
[Dual CPU] Intel Xeon 2.00GHz	339	NA
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