

CPU Benchmarks

Over 600,000 CPUs Benchmarked



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How does your CPU compare?
Add your CPU to our benchmark chart
with **PerformanceTest V8!**

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 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 13th of April 2015

Configuration	CPU Mark	Ttl Price (USD)
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	31,876	NA
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	29,060	\$4,339.98
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28,777	\$5,244.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	27,248	\$4,915.98
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	26,863	\$3,555.98
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	25,633	NA
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	24,825	\$2,999.98
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24,721	NA
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	24,608	NA
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24,600	\$4,359.98
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	24,471	\$3,998.94
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	24,464	\$4,279.98
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23,549	\$5,219.98
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	23,098	\$3,900.00
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	22,979	\$3,138.06
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22,820	\$3,929.98*
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	22,446	\$9,546.70*
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22,403	\$3,341.98
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	22,032	\$3,115.98
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	21,583	\$1,959.98
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21,282	\$3,390.20
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	21,251	\$3,816.00
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	21,200	\$3,995.98*
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	20,744	\$4,166.00
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20,519	\$2,280.98
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	20,362	NA

[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	20,304	\$3,442.28*
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	20,120	\$2,745.98
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19,996	\$7,799.98*
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19,507	\$2,319.98
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	19,336	\$1,316.98
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18,792	\$3,699.98
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18,580	\$3,041.98
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17,767	\$2,410.08
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	17,541	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	17,307	\$2,699.98
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17,269	\$11,999.96*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	17,016	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16,924	\$3,199.98*
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16,874	NA
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16,613	\$2,959.98*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	16,237	\$2,029.98*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16,026	\$1,209.98
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15,657	\$835.98
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15,287	\$2,251.98
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14,820	\$1,859.98
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14,771	\$1,779.98
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	14,444	\$3,517.98*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14,308	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	14,081	\$1,557.98*
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13,991	\$1,219.98
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13,674	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13,636	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13,564	\$1,299.98
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13,511	\$769.54
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13,411	\$1,679.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	13,234	\$2,902.00
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	13,073	\$295.62
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12,587	\$819.98
[Quad CPU] AMD Opteron 6272	12,587	\$3,805.24
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	12,526	\$879.98
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	12,345	\$805.98
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	12,192	NA
[Quad CPU] AMD Opteron 6278	12,055	\$2,906.52*
[Dual CPU] AMD Opteron 6328	11,810	\$1,238.08
[Dual CPU] AMD Opteron 4386	11,807	\$719.98
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11,739	\$396.00*
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11,726	\$3,326.00*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11,694	\$410.00
[Dual CPU] AMD Opteron 6274	10,729	\$1,756.86*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10,709	\$3,518.42*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10,709	\$819.00*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10,515	\$1,110.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	10,132	\$2,415.00*
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	10,008	\$1,019.98*
[Dual CPU] AMD Opteron 6275	9,936	NA
[Dual CPU] AMD Opteron 6272	9,791	\$1,902.62
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9,724	\$629.98
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9,697	NA
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9,653	\$399.98*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9,492	\$337.98*
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9,238	NA

[Dual CPU] Intel Xeon X5550 @ 2.67GHz	9,232	\$159.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	9,099	\$2,782.58*
[Dual CPU] AMD Opteron 6212	8,955	\$681.50*
[Quad CPU] AMD Opteron 8439 SE	8,943	NA
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8,930	NA
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8,892	\$597.98
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8,851	\$509.98*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	8,845	\$3,319.98*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8,809	\$2,880.00*
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8,666	\$697.98*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8,651	NA
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8,569	\$199.98
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	8,355	\$3,699.90*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8,286	\$218.46
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8,234	\$615.98
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	8,172	\$149.98
[Dual CPU] AMD Opteron 2439 SE	8,143	NA
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	8,067	\$227.90*
[Dual CPU] AMD Opteron 8439 SE	8,063	NA
[Dual CPU] AMD Opteron 4184	7,902	\$817.90*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7,902	\$1,689.00*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7,876	\$2,197.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7,796	\$159.98*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7,719	\$209.98*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7,681	\$220.00*
[Dual CPU] AMD Opteron 8435	7,606	NA
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7,572	\$130.26*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7,369	\$511.98*
[Quad CPU] AMD Opteron 8425 HE	7,359	NA
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7,357	\$89.98
[Dual CPU] AMD Opteron 2435	7,356	\$240.80
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	7,210	\$179.98*
[Quad CPU] AMD Opteron 8435	7,099	NA
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	7,012	\$119.98*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	7,006	NA
[Dual CPU] AMD Opteron 6128	6,696	\$683.50
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6,604	\$69.98
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6,590	NA
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6,474	\$65.98
[Dual CPU] AMD Opteron 2387	6,441	NA
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6,366	\$283.36*
[Dual CPU] AMD Opteron 2427	6,296	\$322.46*
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6,272	\$758.84*
[Dual CPU] AMD Opteron 2425 HE	6,260	NA
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6,224	\$417.98
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6,090	\$109.98*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5,947	\$565.98*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5,890	\$980.00*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5,681	\$99.98*
[Dual CPU] AMD Opteron 2384	5,641	NA
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5,573	NA
[Dual CPU] AMD Opteron 2419	5,571	\$43.68*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5,560	\$595.98
[Dual CPU] Quad-Core AMD Opteron 8378	5,382	\$79.98
[Dual CPU] AMD Opteron 2376	5,358	NA
[Dual CPU] AMD Opteron 2360 SE	5,334	\$58.00*

[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5,297	\$91.98*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5,253	\$392.84*
[Dual CPU] AMD Opteron 2389	5,122	NA
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5,098	\$93.98*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	5,016	\$440.00*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4,891	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4,866	\$859.90*
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4,774	\$35.98
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4,634	\$1,299.90*
[Dual CPU] AMD Opteron 2356	4,564	\$66.34
[Dual CPU] AMD Opteron 2354	4,452	NA
[Dual CPU] AMD Opteron 2350	4,421	\$539.98*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4,311	\$597.90*
[Dual CPU] Quad-Core AMD Opteron 8350	4,290	NA
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4,286	\$262.12*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4,232	\$403.98*
[Dual CPU] AMD Opteron 4122	4,076	\$519.90
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3,901	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3,667	\$158.28*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3,493	\$31.98
[Dual CPU] AMD Opteron 2222 SE	3,303	\$30.00
[Dual CPU] AMD Athlon 64 FX-74	3,224	\$999.00*
[Dual CPU] AMD Opteron 290	3,080	\$270.00*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	3,063	\$43.98
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	3,061	\$43.98
[Dual CPU] AMD Opteron 2220	2,974	\$30.00*
[Dual CPU] AMD Opteron 2220 SE	2,965	NA
[Dual CPU] AMD Opteron 2222	2,929	NA
[Dual CPU] AMD Opteron 885	2,851	NA
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2,764	\$411.98*
[Dual CPU] AMD Opteron 285	2,762	NA
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2,648	\$39.98
[Dual CPU] AMD Opteron 2218	2,638	\$978.00*
[Dual CPU] AMD Opteron 280	2,551	\$29.98*
[Dual CPU] AMD Opteron 2216	2,536	\$30.00*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2,502	\$530.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2,156	\$222.04*
[Dual CPU] AMD Opteron 270	2,135	\$622.00*
[Dual CPU] AMD Opteron 275	2,101	\$129.98
[Dual CPU] Intel Xeon 3.73GHz	1,923	NA
[Dual CPU] AMD Opteron 252	1,524	\$83.98*
[Dual CPU] AMD Opteron 250	1,407	\$173.34*
[Dual CPU] AMD Opteron 248	1,222	NA
[Dual CPU] AMD Opteron 246	1,130	NA
[Dual CPU] Intel Xeon 3.80GHz	964	\$1,702.00*
[Dual CPU] Intel Xeon 3.60GHz	916	\$1,702.00*
[Dual CPU] Intel Xeon 3.40GHz	893	NA
[Dual CPU] Intel Xeon 3.20GHz	883	NA
[Dual CPU] Intel Xeon 3.00GHz	777	NA
[Dual CPU] Intel Xeon 2.80GHz	665	NA
[Dual CPU] Intel Xeon 3.06GHz	621	NA
[Dual CPU] Intel Pentium III - S 1400MHz	543	NA
[Dual CPU] Intel Pentium III family 1400MHz	542	NA
[Dual CPU] Intel Xeon 2.40GHz	500	\$18.20*

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* - Last seen price from our affiliates.

PassMark - Price Performance (CPU Mark / \$Price) Multiple CPU Systems - Updated 13th of April 2015

		Ttl Price (USD)
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	NA	NA
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	6.70	\$4,339.98
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	5.49	\$5,244.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	5.54	\$4,915.98
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	7.55	\$3,555.98
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	NA	NA
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	8.28	\$2,999.98
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	NA	NA
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	NA	NA
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	5.64	\$4,359.98
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	6.12	\$3,998.94
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	5.72	\$4,279.98
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	4.51	\$5,219.98
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	5.92	\$3,900.00
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	7.32	\$3,138.06
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	5.81	\$3,929.98*
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	2.35	\$9,546.70*
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	6.70	\$3,341.98
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	7.07	\$3,115.98
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	11.01	\$1,959.98
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	6.28	\$3,390.20
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	5.57	\$3,816.00
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	5.31	\$3,995.98*
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	4.98	\$4,166.00
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	9.00	\$2,280.98
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	NA	NA
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	5.90	\$3,442.28*
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	7.33	\$2,745.98
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	2.56	\$7,799.98*
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	8.41	\$2,319.98
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	14.68	\$1,316.98
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	5.08	\$3,699.98
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	6.11	\$3,041.98
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	7.37	\$2,410.08
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	6.41	\$2,699.98
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	1.44	\$11,999.96*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	5.29	\$3,199.98*
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	NA	NA
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	5.61	\$2,959.98*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	8.00	\$2,029.98*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	13.24	\$1,209.98
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	18.73	\$835.98
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	6.79	\$2,251.98
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	7.97	\$1,859.98
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	8.30	\$1,779.98
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	4.11	\$3,517.98*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	9.04	\$1,557.98*
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	11.47	\$1,219.98

[Dual CPU] Intel Xeon X5679 @ 3.20GHz	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	10.43	\$1,299.98
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	17.56	\$769.54
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	7.98	\$1,679.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	4.56	\$2,902.00
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	44.22	\$295.62
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	15.35	\$819.98
[Quad CPU] AMD Opteron 6272	3.31	\$3,805.24
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	14.23	\$879.98
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	15.32	\$805.98
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	NA	NA
[Quad CPU] AMD Opteron 6278	4.15	\$2,906.52*
[Dual CPU] AMD Opteron 6328	9.54	\$1,238.08
[Dual CPU] AMD Opteron 4386	16.40	\$719.98
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	29.64	\$396.00*
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	3.53	\$3,326.00*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	28.52	\$410.00
[Dual CPU] AMD Opteron 6274	6.11	\$1,756.86*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	3.04	\$3,518.42*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	13.08	\$819.00*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	9.47	\$1,110.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	4.20	\$2,415.00*
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9.81	\$1,019.98*
[Dual CPU] AMD Opteron 6275	NA	NA
[Dual CPU] AMD Opteron 6272	5.15	\$1,902.62
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	15.44	\$629.98
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	NA	NA
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	24.13	\$399.98*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	28.08	\$337.98*
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	NA	NA
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	57.71	\$159.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	3.27	\$2,782.58*
[Dual CPU] AMD Opteron 6212	13.14	\$681.50*
[Quad CPU] AMD Opteron 8439 SE	NA	NA
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	NA	NA
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	14.87	\$597.98
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	17.36	\$509.98*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	2.66	\$3,319.98*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	3.06	\$2,880.00*
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	12.42	\$697.98*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	NA	NA
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	42.85	\$199.98
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	2.26	\$3,699.90*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	37.93	\$218.46
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	13.37	\$615.98
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	54.49	\$149.98
[Dual CPU] AMD Opteron 2439 SE	NA	NA
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	35.40	\$227.90*
[Dual CPU] AMD Opteron 8439 SE	NA	NA
[Dual CPU] AMD Opteron 4184	9.66	\$817.90*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	4.68	\$1,689.00*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	3.58	\$2,197.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	48.73	\$159.98*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	36.76	\$209.98*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	34.91	\$220.00*

[Dual CPU] AMD Opteron 8435	NA	NA
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	58.13	\$130.26*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	14.39	\$511.98*
[Quad CPU] AMD Opteron 8425 HE	NA	NA
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	81.76	\$89.98
[Dual CPU] AMD Opteron 2435	30.55	\$240.80
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	40.06	\$179.98*
[Quad CPU] AMD Opteron 8435	NA	NA
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	58.44	\$119.98*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	NA	NA
[Dual CPU] AMD Opteron 6128	9.80	\$683.50
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	94.37	\$69.98
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	NA	NA
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	98.12	\$65.98
[Dual CPU] AMD Opteron 2387	NA	NA
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	22.47	\$283.36*
[Dual CPU] AMD Opteron 2427	19.52	\$322.46*
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	8.27	\$758.84*
[Dual CPU] AMD Opteron 2425 HE	NA	NA
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	14.89	\$417.98
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	55.37	\$109.98*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	10.51	\$565.98*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	6.01	\$980.00*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	56.82	\$99.98*
[Dual CPU] AMD Opteron 2384	NA	NA
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	NA	NA
[Dual CPU] AMD Opteron 2419	127.54	\$43.68*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	9.33	\$595.98
[Dual CPU] Quad-Core AMD Opteron 8378	67.29	\$79.98
[Dual CPU] AMD Opteron 2376	NA	NA
[Dual CPU] AMD Opteron 2360 SE	91.97	\$58.00*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	57.59	\$91.98*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	13.37	\$392.84*
[Dual CPU] AMD Opteron 2389	NA	NA
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	54.25	\$93.98*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	11.40	\$440.00*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	5.66	\$859.90*
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	132.68	\$35.98
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	3.56	\$1,299.90*
[Dual CPU] AMD Opteron 2356	68.80	\$66.34
[Dual CPU] AMD Opteron 2354	NA	NA
[Dual CPU] AMD Opteron 2350	8.19	\$539.98*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	7.21	\$597.90*
[Dual CPU] Quad-Core AMD Opteron 8350	NA	NA
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	16.35	\$262.12*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	10.48	\$403.98*
[Dual CPU] AMD Opteron 4122	7.84	\$519.90
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	23.17	\$158.28*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	109.22	\$31.98
[Dual CPU] AMD Opteron 2222 SE	110.10	\$30.00
[Dual CPU] AMD Athlon 64 FX-74	3.23	\$999.00*
[Dual CPU] AMD Opteron 290	11.41	\$270.00*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	69.65	\$43.98
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	69.60	\$43.98
[Dual CPU] AMD Opteron 2220	99.13	\$30.00*

[Dual CPU] AMD Opteron 2220 SE	NA	NA
[Dual CPU] AMD Opteron 2222	NA	NA
[Dual CPU] AMD Opteron 885	NA	NA
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	6.71	\$411.98*
[Dual CPU] AMD Opteron 285	NA	NA
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	66.23	\$39.98
[Dual CPU] AMD Opteron 2218	2.70	\$978.00*
[Dual CPU] AMD Opteron 280	85.09	\$29.98*
[Dual CPU] AMD Opteron 2216	84.53	\$30.00*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	4.72	\$530.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	9.71	\$222.04*
[Dual CPU] AMD Opteron 270	3.43	\$622.00*
[Dual CPU] AMD Opteron 275	16.16	\$129.98
[Dual CPU] Intel Xeon 3.73GHz	NA	NA
[Dual CPU] AMD Opteron 252	18.15	\$83.98*
[Dual CPU] AMD Opteron 250	8.12	\$173.34*
[Dual CPU] AMD Opteron 248	NA	NA
[Dual CPU] AMD Opteron 246	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	0.57	\$1,702.00*
[Dual CPU] Intel Xeon 3.60GHz	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.40GHz	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	NA	NA
[Dual CPU] Intel Pentium III - S 1400MHz	NA	NA
[Dual CPU] Intel Pentium III family 1400MHz	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	27.47	\$18.20*

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