

CPU Benchmarks

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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)



















































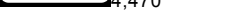
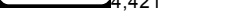
PassMark - CPU Mark





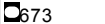
Multiple CPU Systems - Updated 4th of August 2014

		Ttl Price (USD)
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	24,781	NA
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	24,674	\$4,179.54
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	24,267	\$4,395.98*
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23,963	\$4,077.54
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23,822	\$5,159.98
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	22,540	\$3,097.18
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	22,249	\$3,079.98
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	21,177	\$4,399.98
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21,033	\$3,256.42*
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	20,713	\$4,171.98
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20,637	\$4,627.98
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	20,462	\$2,779.98
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	20,362	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19,996	\$7,799.98*
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19,507	\$2,323.54
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18,794	\$3,535.98
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18,528	\$3,262.00*
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz		\$3,015.98*

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	17,820	
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	17,541	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17,269	\$11,999.96
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	17,244	\$2,733.98
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17,015	\$3,104.00*
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16,874	NA
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15,825	\$1,219.98
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15,777	\$2,101.20
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	15,513	\$1,759.98
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15,278	\$2,251.98
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14,846	\$1,799.98
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14,308	NA
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	14,209	\$2,835.00*
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	14,086	\$1,837.50*
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	14,080	\$1,239.98
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13,674	NA
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13,671	\$799.98
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13,613	\$1,145.98
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	13,233	\$989.98
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13,206	NA
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	13,040	\$735.00
[Dual CPU] AMD Opteron 4386	12,731	\$689.98
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12,599	\$819.98
[Quad CPU] AMD Opteron 6272	12,587	\$1,680.00
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	12,345	\$825.98*
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	12,236	\$3,326.00*
[Dual CPU] AMD Opteron 6348	12,180	\$1,299.98
[Dual CPU] AMD Opteron 6344	12,104	\$899.98
[Quad CPU] AMD Opteron 6278	12,055	NA
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	12,030	\$998.32*
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11,980	NA
[Dual CPU] AMD Opteron 6328	11,933	\$1,229.98
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11,772	NA
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11,733	\$300.00
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	11,180	\$819.00*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10,830	\$3,235.98*
[Dual CPU] AMD Opteron 6274	10,729	\$1,589.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10,572	\$1,026.78
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9,755	\$240.00*
[Dual CPU] AMD Opteron 6272	9,707	\$840.00
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9,640	NA
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9,470	\$2,503.98*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	9,253	\$157.50*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	9,086	\$2,782.58*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	8,937	\$3,319.98*
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8,876	\$799.98
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8,809	\$2,880.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8,748	\$1,583.98
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8,747	NA
[Dual CPU] Intel Core2 Extreme X9775 @		

3.20GHz		8,636	\$3,699.90*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz		8,567	\$2,558.00*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz		8,273	\$599.98
[Dual CPU] Intel Xeon E5620 @ 2.40GHz		8,264	\$500.00
[Dual CPU] AMD Opteron 8439 SE		8,215	NA
[Dual CPU] Intel Xeon X5460 @ 3.16GHz		8,193	\$1,999.98*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz		8,169	\$180.00*
[Dual CPU] AMD Opteron 2439 SE		8,060	NA
[Dual CPU] Intel Xeon E5472 @ 3.00GHz		7,987	\$2,197.90*
[Dual CPU] AMD Opteron 4184		7,902	\$797.90*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz		7,866	\$1,689.00*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz		7,784	\$2,117.90*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz		7,762	\$1,249.98*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz		7,690	\$1,704.00*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz		7,619	\$105.00*
[Dual CPU] AMD Opteron 2435		7,618	NA
[Dual CPU] Intel Xeon E5440 @ 2.83GHz		7,403	\$758.84*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz		7,388	\$511.98*
[Quad CPU] AMD Opteron 8425 HE		7,359	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz		7,182	\$1,299.98*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz		7,033	NA
[Dual CPU] Intel Xeon E5430 @ 2.66GHz		6,995	\$431.98*
[Dual CPU] AMD Opteron 6128		6,748	\$915.00*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz		6,633	\$772.00*
[Quad CPU] AMD Opteron 8435		6,597	NA
[Dual CPU] Intel Xeon E5420 @ 2.50GHz		6,482	\$886.10*
[Dual CPU] AMD Opteron 2427		6,345	\$322.46*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz		6,322	\$283.36*
[Dual CPU] Intel Xeon L5410 @ 2.33GHz		6,274	\$758.84*
[Dual CPU] AMD Opteron 2425 HE		6,260	NA
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz		6,247	\$429.98
[Dual CPU] Intel Xeon E5410 @ 2.33GHz		6,113	\$238.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz		5,856	\$980.00*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz		5,704	\$1,005.18*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz		5,681	\$569.98*
[Dual CPU] AMD Opteron 2384		5,641	NA
[Dual CPU] Intel Xeon E5607 @ 2.27GHz		5,621	\$565.98*
[Dual CPU] AMD Opteron 2419		5,571	\$43.68*
[Dual CPU] AMD Opteron 2376		5,358	NA
[Dual CPU] AMD Opteron 2360 SE		5,334	\$44.00*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz		5,330	\$246.00*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz		5,299	\$392.84*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz		5,297	\$472.50*
[Dual CPU] AMD Opteron 2389		5,122	NA
[Dual CPU] Intel Xeon E5504 @ 2.00GHz		4,988	\$440.00*
[Dual CPU] Intel Xeon X5272 @ 3.40GHz		4,842	\$859.90*
[Dual CPU] Intel Xeon X5260 @ 3.33GHz		4,815	\$1,702.00*
[Dual CPU] Intel Xeon E5335 @ 2.00GHz		4,602	\$1,299.90*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz		4,470	\$262.12*
[Dual CPU] AMD Opteron 2350		4,421	\$539.98*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz		4,296	\$597.90*
[Dual CPU] Quad-Core AMD Opteron 8350		4,290	NA

[Dual CPU] AMD Opteron 4122		4,076	\$499.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz		3,900	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz		3,667	\$158.28*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz		3,506	\$33.34*
[Dual CPU] AMD Athlon 64 FX-74		3,364	\$999.00*
[Dual CPU] AMD Opteron 2222 SE		3,303	NA
[Dual CPU] AMD Opteron 290		3,080	\$270.00*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz		3,063	\$29.72*
[Dual CPU] Intel Xeon 5140 @ 2.33GHz		3,004	NA
[Dual CPU] AMD Opteron 2220		2,964	\$30.00*
[Dual CPU] AMD Opteron 2222		2,929	NA
[Dual CPU] AMD Opteron 885		2,851	NA
[Dual CPU] AMD Opteron 285		2,762	NA
[Dual CPU] Intel Xeon E5503 @ 2.00GHz		2,710	\$411.98*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz		2,596	\$719.98*
[Dual CPU] AMD Opteron 6386 SE		2,588	\$2,784.00*
[Dual CPU] AMD Opteron 280		2,551	\$36.00*
[Dual CPU] AMD Opteron 2216		2,536	NA
[Dual CPU] Intel Xeon 5120 @ 1.86GHz		2,472	\$530.00*
[Dual CPU] AMD Opteron 2218		2,430	\$39.00*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz		2,279	NA
[Dual CPU] Intel Xeon 5110 @ 1.60GHz		2,181	\$222.04*
[Dual CPU] AMD Opteron 275		2,101	\$22.00*
[Dual CPU] Intel Xeon 3.73GHz		1,949	NA
[Dual CPU] AMD Opteron 252		1,524	\$59.98*
[Dual CPU] AMD Opteron 250		1,407	\$173.34*
[Dual CPU] AMD Opteron 248		1,222	NA
[Dual CPU] Intel Xeon 3.80GHz		965	\$1,702.00*
[Dual CPU] Intel Xeon 3.40GHz		904	NA
[Dual CPU] Intel Xeon 3.60GHz		904	\$1,702.00*
[Dual CPU] Intel Xeon 3.20GHz		899	NA
[Dual CPU] Intel Xeon 3.00GHz		778	NA
[Dual CPU] Intel Xeon 2.80GHz		673	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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