

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-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.



CPU Mark	Price Performance
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PassMark - CPU Mark

Multiple CPU Systems

Updated 27th of November 2023

CPU	CPU Mark	Price (USD)
[Dual CPU] AMD EPYC 9554	145,448	NA
[Dual CPU] AMD EPYC 9654	141,837	\$13,380.00
[Dual CPU] Intel Xeon Platinum 8480+	129,411	\$21,420.00*
[Dual CPU] AMD EPYC 7J13	119,134	NA
[Dual CPU] AMD EPYC 7763	116,114	\$4,988.00
[Dual CPU] AMD EPYC 7643	115,676	\$9,100.00*
[Dual CPU] AMD EPYC 9334	115,616	NA
[Dual CPU] AMD EPYC 7T83	114,770	NA
[Dual CPU] AMD EPYC 7713	113,896	\$6,599.98
[Dual CPU] AMD Ryzen Threadripper PRO 3995WX	113,693	\$13,732.00
[Dual CPU] AMD EPYC 9274F	112,474	NA
[Dual CPU] Intel Xeon P		NA*

[Dual CPU] AMD EPYC 9354	104,179	\$6,840.00*
[Dual CPU] AMD EPYC 7573X	103,531	\$9,924.00
 CPU Benchmarks ▼		
[Dual CPU] AMD EPYC 7K83	102,053	NA
[Dual CPU] AMD EPYC 75F3	99,758	\$9,998.00
[Dual CPU] AMD EPYC 7773X	99,255	\$9,998.00
[Dual CPU] AMD Ryzen Threadripper PRO 3975WX	98,811	\$5,994.38
[Dual CPU] AMD EPYC 7H12	98,523	\$7,438.00
[Dual CPU] AMD EPYC 7543	97,342	\$7,522.00*
[Dual CPU] AMD EPYC 7662	97,178	\$7,999.98*
[Dual CPU] AMD EPYC 7742	96,766	\$4,196.00
[Dual CPU] AMD EPYC 7513	96,409	\$5,680.00*
[Dual CPU] AMD EPYC 74F3	95,621	\$6,094.00
[Dual CPU] AMD EPYC 7702	93,706	\$2,026.00
[Dual CPU] AMD EPYC 9224	93,314	NA
[Dual CPU] AMD EPYC 7K62	93,197	NA
[Dual CPU] AMD EPYC 7R12	92,961	NA
[Dual CPU] Intel Xeon Gold 5420+	91,545	\$3,696.00*
[Dual CPU] Intel Xeon Platinum 8380 @ 2.30GHz	91,257	\$17,956.00*
[Dual CPU] Intel Xeon Gold 6438Y+	90,844	\$6,282.00*
[Dual CPU] AMD EPYC 9174F	90,842	\$9,308.00
[Dual CPU] Intel Xeon Platinum 8368 @ 2.40GHz	88,038	\$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	85,892	NA
[Dual CPU] Intel Xeon Gold 6430	84,745	NA
[Dual CPU] Intel Xeon Gold 6418H	84,526	\$4,130.00*
[Dual CPU] Intel Xeon Gold 5418Y	84,388	\$2,966.00*
[Quad CPU] Intel Xeon Platinum 8260 @ 2.40GHz	83,793	\$10,940.00
[Dual CPU] AMD EPYC 7473X	83,530	NA
[Dual CPU] Intel Xeon Platinum 8358 @ 2.60GHz	82,802	\$10,195.50*
[Dual CPU] Intel Xeon Platinum 8358P @ 2.60GHz	82,707	NA
[Dual CPU] AMD EPYC 7532	82,196	\$3,918.00
[Dual CPU] Intel Xeon Platinum 8338C @ 2.60GHz	81,817	NA
[Dual CPU] AMD EPYC 7502	80,634	\$1,750.00
[Dual CPU] AMD EPYC 7453	80,327	\$3,455.36
[Dual CPU] Intel Xeon Gold 6444Y	78,766	\$7,244.00*
[Dual CPU] AMD EPYC 7452	77,746	\$2,698.00
[Quad CPU] Intel Xeon Gold 6256 @ 3.60GHz	76,542	\$14,923.00
[Dual CPU] Intel Xeon Gold 6348 @ 2.60GHz	75,906	\$4,252.66
[Dual CPU] AMD EPYC 7542	75,117	\$2,596.12
[Dual CPU] AMD EPYC 7R32	74,520	NA
[Dual CPU] Intel Xeon Gold 6342 @ 2.80GHz	74,003	\$4,776.10*
[Dual CPU] AMD EPYC :		8*

[Quad CPU] Intel Xeon Platinum 8160 @ 2.10GHz	72,905	\$9,180.00
 CPU Benchmarks		
[Dual CPU] Intel Xeon Gold 6426Y	70,284	\$3,034.00*
[Quad CPU] Intel Xeon E7-8890 v4 @ 2.20GHz	69,143	\$28,696.00*
[Dual CPU] Intel Xeon Platinum 8352Y @ 2.20GHz	68,643	\$3,795.58
[Dual CPU] Intel Xeon Gold 6338 @ 2.00GHz	68,058	\$3,244.60
[Dual CPU] Intel Xeon Platinum 8275CL @ 3.00GHz	66,812	NA
[Dual CPU] AMD EPYC 7313	66,528	\$2,303.10
[Dual CPU] Intel Xeon Gold 5320 @ 2.20GHz	66,409	\$3,290.00
[Dual CPU] AMD EPYC 7352	65,921	\$1,899.90
[Dual CPU] AMD EPYC 73F3	65,909	\$7,932.70
[Dual CPU] Intel Xeon Gold 6338N @ 2.20GHz	65,860	\$9,343.38*
[Dual CPU] Intel Xeon Gold 6354 @ 3.00GHz	65,402	\$5,515.98*
[Dual CPU] AMD EPYC 7F52	65,148	\$6,200.00*
[Quad CPU] Intel Xeon Gold 6226 @ 2.70GHz	64,957	\$4,194.28
[Dual CPU] Intel Xeon Platinum 8280 @ 2.70GHz	64,291	\$8,820.20
[Quad CPU] Intel Xeon Gold 6150 @ 2.70GHz	64,115	\$1,796.00
[Dual CPU] Intel Xeon Gold 6258R @ 2.70GHz	63,984	\$7,182.00
[Dual CPU] AMD Ryzen Threadripper PRO 3955WX	63,885	\$1,981.60
[Dual CPU] Intel Xeon Gold 5416S	63,499	\$1,888.00*
[Dual CPU] AMD EPYC 7402	62,858	\$2,984.00
[Dual CPU] Intel Xeon Gold 6330 @ 2.00GHz	62,360	\$2,460.00
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	62,130	\$12,011.96*
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	61,751	\$7,960.00
[Dual CPU] Intel Xeon Gold 6248R @ 3.00GHz	61,275	\$3,987.30
[Dual CPU] Intel Xeon Gold 6268CL @ 2.80GHz	60,687	NA
[Quad CPU] Intel Xeon E7-8894 v4 @ 2.40GHz	60,496	\$35,592.00*
[Dual CPU] Intel Xeon Platinum 8276L @ 2.20GHz	60,188	\$11,900.00
[Dual CPU] AMD EPYC 9124	60,179	\$3,594.00
[Dual CPU] Intel Xeon Gold 5318Y @ 2.10GHz	58,890	\$3,400.00*
[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
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	57,307	NA
[Dual CPU] Intel Xeon Gold 6346 @ 3.10GHz	56,721	\$3,088.32
[Quad CPU] Intel Xeon E7-8880 v4 @ 2.20GHz	56,323	\$23,580.00*
[Dual CPU] Intel Xeon Gold 6238R @ 2.20GHz	56,183	\$4,683.98
[Dual CPU] Intel Xeon Platinum 8176 @ 2.10GHz	56,056	\$5,587.40*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	55,550	NA
[Dual CPU] Intel Xeon Gold 6240R @ 2.40GHz	55,334	\$2,798.76
[Dual CPU] Intel Xeon Platinum 8260M @ 2.30GHz	-- --	\$15,110.00*


[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	54,896	\$4,599.00
[Dual CPU] Intel Xeon Gold 5220R @ 2.20GHz	54,889	\$2,640.00
 CPU Benchmarks ▼		
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	54,621	\$14,436.00*
[Quad CPU] Intel Xeon Gold 5218 @ 2.30GHz	54,123	\$3,908.00
[Dual CPU] Intel Xeon Gold 6326 @ 2.90GHz	54,114	\$2,698.68
[Dual CPU] Intel Xeon Gold 6242R @ 3.10GHz	53,595	\$3,996.66
[Dual CPU] AMD EPYC 7282	53,507	\$990.00
[Dual CPU] AMD EPYC 7601	53,468	\$2,859.98
[Dual CPU] Intel Xeon Silver 4316 @ 2.30GHz	53,439	\$1,850.00
[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 Gold 6230R @ 2.10GHz	53,388	\$2,738.82
[Dual CPU] Intel Xeon Platinum 8260 @ 2.40GHz	52,658	\$5,470.00
[Dual CPU] Intel Xeon Platinum 8270CL @ 2.70GHz	52,386	NA
[Dual CPU] Intel Xeon Gold 6266C @ 3.00GHz	51,998	NA
[Quad CPU] Intel Xeon E7-8890 v3 @ 2.50GHz	51,476	\$28,696.00*
[Dual CPU] AMD EPYC 7302	51,445	\$1,135.16
[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	\$5,320.20
[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 6154 @ 3.00GHz	49,747	\$3,394.00
[Dual CPU] Intel Xeon Gold 6240 @ 2.60GHz	49,416	\$4,778.30
[Dual CPU] Intel Xeon Gold 6252N @ 2.30GHz	49,269	\$4,208.00*
[Dual CPU] Intel Xeon Silver 4416+	49,237	\$2,352.00*
[Dual CPU] Intel Xeon Silver 4410Y	49,077	\$1,126.00*
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	48,775	NA
[Dual CPU] Intel Xeon Platinum 8252C @ 3.80GHz	48,676	NA
[Dual CPU] Intel Xeon Gold 6246R @ 3.40GHz	48,396	\$3,983.86
[Dual CPU] Intel Xeon Platinum 8160 @ 2.10GHz	48,234	\$4,590.00
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	48,119	\$898.00
[Dual CPU] Intel Xeon Platinum 8180M @ 2.50GHz	47,880	NA
[Quad CPU] Intel Xeon E7-8891 v4 @ 2.80GHz	47,104	NA
[Dual CPU] Intel Xeon Gold 6256 @ 3.60GHz	46,766	\$7,461.50
[Quad CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	46,715	\$21,600.00*
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	46,473	NA
[Quad CPU] Intel Xeon E7-8867 v3 @ 2.50GHz	46,001	\$18,688.00*
[Dual CPU] Intel Xeon Silver 4314 @ 2.40GHz	45,975	\$1,051.50
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	45,885	\$682.00
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	45,879	\$701.70

[Dual CPU] Intel Xeon Gold 6230 @ 2.10GHz	44,594	\$2,553.50
[Dual CPU] AMD EPYC 7272	44,270	\$1,198.00
 CPU Benchmarks ▼		
[Dual CPU] Intel Xeon Platinum 8124 @ 3.00GHz	43,913	NA
[Dual CPU] Intel Xeon Gold 5317 @ 3.00GHz	43,540	\$1,938.76
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	42,763	\$851.62
[Dual CPU] Intel Xeon E5-2699A v4 @ 2.40GHz	42,501	\$9,876.00*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	42,223	\$8,039.82*
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	42,206	\$6,226.44*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	41,966	\$3,914.36
[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	41,925	\$2,038.10
[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 Gold 6242 @ 2.80GHz	40,853	\$2,696.48
[Dual CPU] Intel Xeon Gold 6122 @ 1.80GHz	40,707	\$4,004.00*
[Dual CPU] Intel Xeon Gold 6226R @ 2.90GHz	40,682	\$2,398.00
[Dual CPU] Intel Xeon Gold 5218R @ 2.10GHz	40,468	\$1,584.28
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	40,216	\$475.00
[Dual CPU] Intel Xeon Gold 6139 @ 2.30GHz	40,210	NA
[Dual CPU] Intel Xeon Gold 6138T @ 2.00GHz	40,064	\$6,691.56
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	39,894	\$3,900.00*
[Dual CPU] AMD EPYC 7F32	39,712	\$4,931.02*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	39,529	\$1,817.40*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	39,490	\$2,967.90
[Quad CPU] Intel Xeon E7-4880 v2 @ 2.50GHz	39,311	\$1,196.00*
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	38,121	\$844.00
[Dual CPU] Intel Xeon Gold 6149 @ 3.10GHz	37,551	NA
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	37,366	\$475.00
[Dual CPU] Intel Xeon Gold 5315Y @ 3.20GHz	36,428	\$3,997.90*
[Quad CPU] Intel Xeon E7-8857 v2 @ 3.00GHz	36,304	\$15,352.00*
[Quad CPU] Intel Xeon E5-4657L v2 @ 2.40GHz	36,266	\$3,004.76*
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	36,168	\$797.90
[Dual CPU] Intel Xeon Gold 6130H @ 2.10GHz	35,440	NA
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	35,360	\$504.00
[Dual CPU] Intel Xeon Gold 6250 @ 3.90GHz	35,164	\$4,400.00
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	35,085	\$2,298.90
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	35,042	\$954.90
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	34,953	\$2,698.00*
[Dual CPU] AMD EPYC 7252	34,915	\$763.84
[Dual CPU] Intel Xeon Gold 5218 @ 2.30GHz	34,729	\$1,954.00
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	34,726	\$1,179.90
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	34,514	\$1,093.98*
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	34,442	NA
[Dual CPU] Intel Xeon Gold 6334 @ 3.60GHz	34,381	\$4,645.00
[Dual CPU] AMD EPYC 7262	34,227	\$974.20
[Dual CPU] Intel Xeon E		

[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	33,625	\$5,940.00*
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	33,619	\$2,890.00
 CPU Benchmarks ▼		
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	32,399	\$942.90
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	32,324	\$1,995.80*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	32,150	\$1,995.80*
[Dual CPU] Intel Xeon Gold 6226 @ 2.70GHz	32,062	\$2,097.14
[Dual CPU] Intel Xeon Silver 4309Y @ 2.80GHz	31,783	\$868.62
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	31,733	\$15,680.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	31,474	\$10,800.00*
[Dual CPU] Intel Xeon Platinum 8153 @ 2.00GHz	31,174	\$6,230.00*
[Dual CPU] Intel Xeon Silver 4216 @ 2.10GHz	31,087	\$1,500.00
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	30,737	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	30,647	NA
[Dual CPU] Intel Xeon Platinum 8253 @ 2.20GHz	30,507	\$13,797.90
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	30,362	\$3,122.00*
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	29,881	\$426.38
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	29,553	\$3,780.00
[Dual CPU] Intel Xeon Silver 4214R @ 2.40GHz	29,225	\$989.58
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	29,118	\$361.92
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	29,018	\$149.80
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	28,946	\$1,860.00
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	28,888	\$2,849.98
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	28,492	\$456.00
[Quad CPU] Intel Xeon E7-8893 v4 @ 3.20GHz	28,424	\$27,364.00*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	28,312	\$490.00
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	27,797	NA
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	27,384	\$138.00
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	27,008	\$496.00*
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	26,836	\$340.00
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	26,794	NA
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	26,793	\$98.00
[Dual CPU] Intel Xeon E5-4650 v4 @ 2.20GHz	26,624	\$196.00*
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz	26,017	\$798.80
[Dual CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	25,966	\$219.28*
[Dual CPU] Intel Xeon Gold 5217 @ 3.00GHz	25,455	\$2,089.16
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	25,440	\$1,192.64
[Dual CPU] AMD EPYC 7351	25,431	\$1,298.00
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	25,055	\$12,400.00*
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	24,774	\$212.38*
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	24,511	\$588.00
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	24,468	\$897.90
[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 E5-2680 v3 @ 2.50GHz	24,300	\$360.00

[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	24,157	\$1,470.64
[Dual CPU] Intel Xeon Silver 4215R @ 3.20GHz	24,102	\$1,390.00
 CPU Benchmarks ▼		
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	23,611	\$1,743.98*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23,476	NA
[Dual CPU] Intel Xeon Silver 4210 @ 2.20GHz	23,453	\$499.90
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	23,385	\$78.00
[Quad CPU] Intel Xeon E5-4610 @ 2.40GHz	23,354	\$844.92
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	22,948	\$330.00
[Dual CPU] Intel Xeon Silver 4210R @ 2.40GHz	22,817	\$660.00
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	22,790	\$1,400.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22,617	\$345.60
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	22,559	NA
[Dual CPU] Intel Xeon Silver 4215 @ 2.50GHz	22,379	\$1,055.16
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22,251	\$78.00
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	22,200	\$147.98
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22,196	\$188.56
[Dual CPU] Intel Xeon E5-4627 v4 @ 2.60GHz	22,162	\$1,999.98*
[Dual CPU] Intel Xeon Gold 5215 @ 2.50GHz	22,066	\$1,902.86
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	21,891	\$276.00*
[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*
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	21,473	\$147.98
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	21,385	\$591.80*
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21,383	\$78.00
[Quad CPU] Intel Xeon E5-4640 @ 2.40GHz	21,374	\$156.00
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	21,155	\$446.14
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	21,074	\$579.90
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	21,039	NA
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	21,016	\$400.00
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	20,943	\$378.00*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	20,470	\$806.38
[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
[Quad CPU] Intel Xeon E7-4830 @ 2.13GHz	19,981	\$6,741.76*
[Dual CPU] Intel Xeon E5-2650L v3 @ 1.80GHz	19,950	\$2,730.00*
[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 Xeon E5-2650 v3 @ 2.30GHz	19,694	\$31.98
[Dual CPU] Intel Core i5-12400F	19,680	\$299.98
[Dual CPU] Intel Xeon E5-2618L v4 @ 2.20GHz	19,675	\$1,804.40*
[Dual CPU] Intel Xeon Silver 4208 @ 2.10GHz	19,525	\$205.82

[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	19,299	\$620.00
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19,028	\$5,190.00*
 CPU Benchmarks ▼		
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18,454	\$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	17,836	\$41.98*
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	17,762	\$1,298.90
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	17,652	\$2,432.82
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	17,646	\$25.98
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	17,367	\$78.00
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	17,243	\$29.98
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	17,141	\$39.90
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	17,015	\$182.00
[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	\$7,880.00
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	16,793	\$78.00
[Dual CPU] Intel Xeon Platinum 8256 @ 3.80GHz	16,787	\$14,992.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	16,464	\$2,200.00
[Dual CPU] Intel Xeon E5-2651 v2 @ 1.80GHz	16,360	\$556.20*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	16,315	\$798.00
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	16,028	\$1,890.00*
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	15,966	\$98.00
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	15,898	\$997.90*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	15,886	\$58.00
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	15,770	\$569.90
[Quad CPU] AMD Opteron 6168	15,745	\$919.80
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15,718	\$499.90
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	15,717	\$35.98
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	15,665	\$365.50*
[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	14,667	\$158.00*
[Quad CPU] AMD Opteron 6380	14,622	\$4,378.44
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	14,549	\$292.42
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14,220	\$78.00
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	14,142	\$12.10
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	13,938	\$78.00
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	13,818	\$1,209.00*
[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	13,634	\$25.98
[Dual CPU] AMD Opteron 6348	13,470	\$2,200.22
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	13,450	\$200.00
[Dual CPU] Intel Xeon E5		

[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	13,108	\$78.00
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	12,912	\$187.16
 CPU Benchmarks ▼		
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	12,878	\$372.40*
[Dual CPU] AMD Opteron 6386 SE	12,761	\$1,760.22
[Quad CPU] AMD Opteron 6174	12,607	\$2,970.08
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	12,523	\$166.12*
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	12,484	\$47.98
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	12,385	\$439.90
[Dual CPU] AMD Opteron 6380	12,377	\$2,189.22
[Dual CPU] AMD Opteron 6378	12,352	\$2,200.22
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	12,267	\$98.00
[Quad CPU] AMD Opteron 6282 SE	12,083	\$3,080.44
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	12,009	\$179.90
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	11,800	\$459.90
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	11,738	NA
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11,713	\$156.00*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	11,635	\$196.02
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	11,604	\$58.00
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11,504	\$148.54
[Dual CPU] Intel Xeon E5-4620 @ 2.20GHz	11,474	\$100.00
[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] AMD Opteron 6376	10,978	\$3,314.00
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	10,924	\$200.00
[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 E5-2450 @ 2.10GHz	10,723	\$98.00*
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	10,719	\$58.00
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	10,680	\$58.00
[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	10,663	\$340.00
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	10,516	\$195.72
[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	10,257	\$193.10
[Quad CPU] AMD Opteron 6328	10,076	\$2,860.44
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10,057	\$78.00
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	10,053	\$2,701.40*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	9,940	NA
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9,932	\$400.00
[Dual CPU] AMD Opteron 6276	9,856	\$397.38
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	9,715	\$3,810.30
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	9,705	\$154.00
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	9,635	\$422.62*
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	9,622	\$102.64*

[Dual CPU] Intel Xeon E5649 @ 2.53GHz	9,469	\$25.98
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	9,464	\$822.90
 CPU Benchmarks ▼		
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	9,383	\$379.90*
[Dual CPU] AMD Opteron 4386	9,359	\$919.88*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	9,343	\$58.00
[Dual CPU] AMD Opteron 6272	9,239	\$597.90
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	9,132	\$274.00
[Dual CPU] Intel Xeon Bronze 3204 @ 1.90GHz	9,019	\$323.66
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	8,971	\$220.00*
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	8,825	\$89.98*
[Dual CPU] AMD Opteron 6234	8,644	\$901.98
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	8,589	\$58.00
[Dual CPU] AMD Opteron 4284	8,560	\$200.50
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	8,506	\$19.78
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8,500	\$154.00*
[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 L5640 @ 2.27GHz	8,350	\$179.90
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	8,110	\$1,100.00
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8,046	\$838.90
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	7,992	\$354.00
[Dual CPU] AMD Opteron 6136	7,964	\$698.00
[Dual CPU] AMD Opteron 6220	7,951	\$440.22
[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	7,726	\$352.84*
[Quad CPU] Intel Xeon E5-4607 v2 @ 2.60GHz	7,557	\$291.20*
[3-Way] ARM ARMv8 rev 1 (v8l) 12 Core 2201 MHz	7,371	NA
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	7,305	\$58.00
[Dual CPU] AMD Opteron 4238	7,236	\$379.38*
[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	6,947	\$308.00
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	6,921	\$10.38
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	6,834	\$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*
[Quad CPU] Intel Xeon E7340 @ 2.40GHz	6,544	\$124.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	6,501	\$58.00
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	6,395	\$296.70
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	6,384	\$1,158.90
[Dual CPU] AMD Opteron 8430 SE	6,340	\$720.70*

[Dual CPU] Intel Xeon X5570 @ 2.93GHz	6,202	\$200.00
[Dual CPU] AMD Opteron 6128	6,062	\$538.00
 CPU Benchmarks ▼		
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	5,891	\$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	5,601	\$58.00
[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 E5530 @ 2.40GHz	5,170	\$59.98
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	5,117	\$359.90*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	5,100	\$199.90*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	5,092	\$224.52*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	5,017	\$102.00
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	4,992	\$439.10*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	4,969	\$69.76
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	4,943	\$450.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	4,869	\$177.86
[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 X5450 @ 3.00GHz	4,767	\$99.92*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	4,765	\$40.08*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	4,643	\$73.98*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	4,577	\$168.98
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	4,525	\$452.00*
[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	4,323	\$125.98*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	4,269	\$438.00*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	4,258	\$58.00
[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	4,086	\$499.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4,019	\$236.00
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	3,999	\$200.00
[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	3,813	\$21.38*
[Dual CPU] Intel Xeon E		!*

[Dual CPU] Intel Xeon E5603 @ 1.60GHz	3,548	\$178.00
[Dual CPU] AMD Opteron 2373 FF	3,521	NA
 CPU Benchmarks ▼		
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	3,463	\$29.98
[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*
[Dual CPU] ARM Cortex-A76 4 Core 1800 MHz	3,108	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	3,069	\$35.54*
[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	2,323	\$87.00*
[Quad CPU] Intel Xeon @ 2.20GHz	2,167	NA
[Dual CPU] AMD Opteron 2222	2,123	\$38.00*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	2,043	\$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	1,660	\$97.98*
[Dual CPU] AMD Opteron 2220	1,533	\$2,595.66
[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	1,373	\$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

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