

CPU Benchmarks

Over 600,000 CPUs Benchmarked



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How does your CPU compare?
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High End CPU's - Intel vs AMD

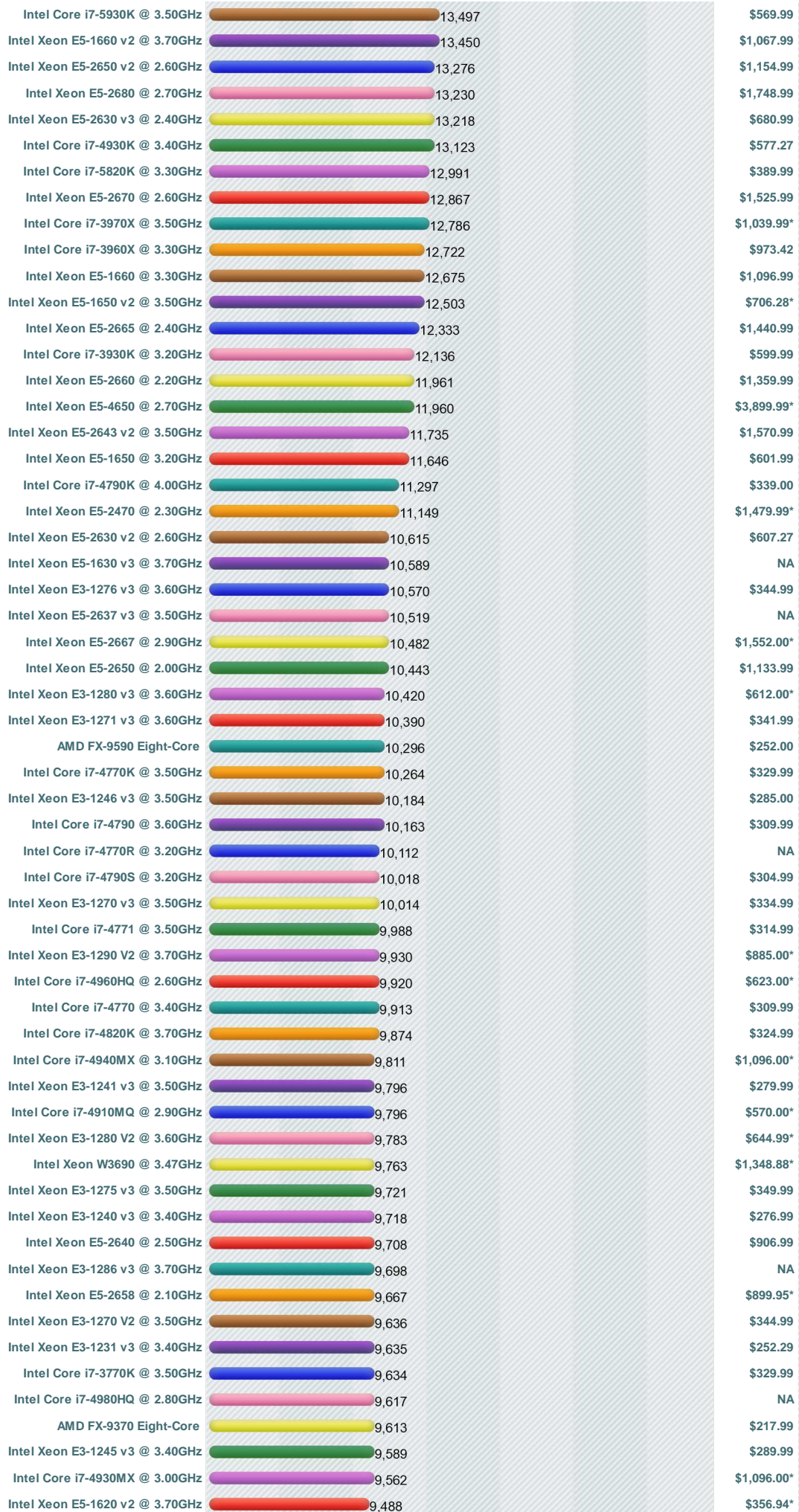
This chart comparing high end CPU's is made using thousands of PerformanceTest benchmark results and is updated daily. These are the high end AMD and Intel CPUs are typically those found in newer computers. The chart below compares the performance of Intel Xeon CPUs, Intel Core i7 CPUs, AMD Phenom II CPUs and AMD Opterons with multiple cores. Intel processors vs AMD chips - find out which CPU's performance is best for your new gaming rig or server!

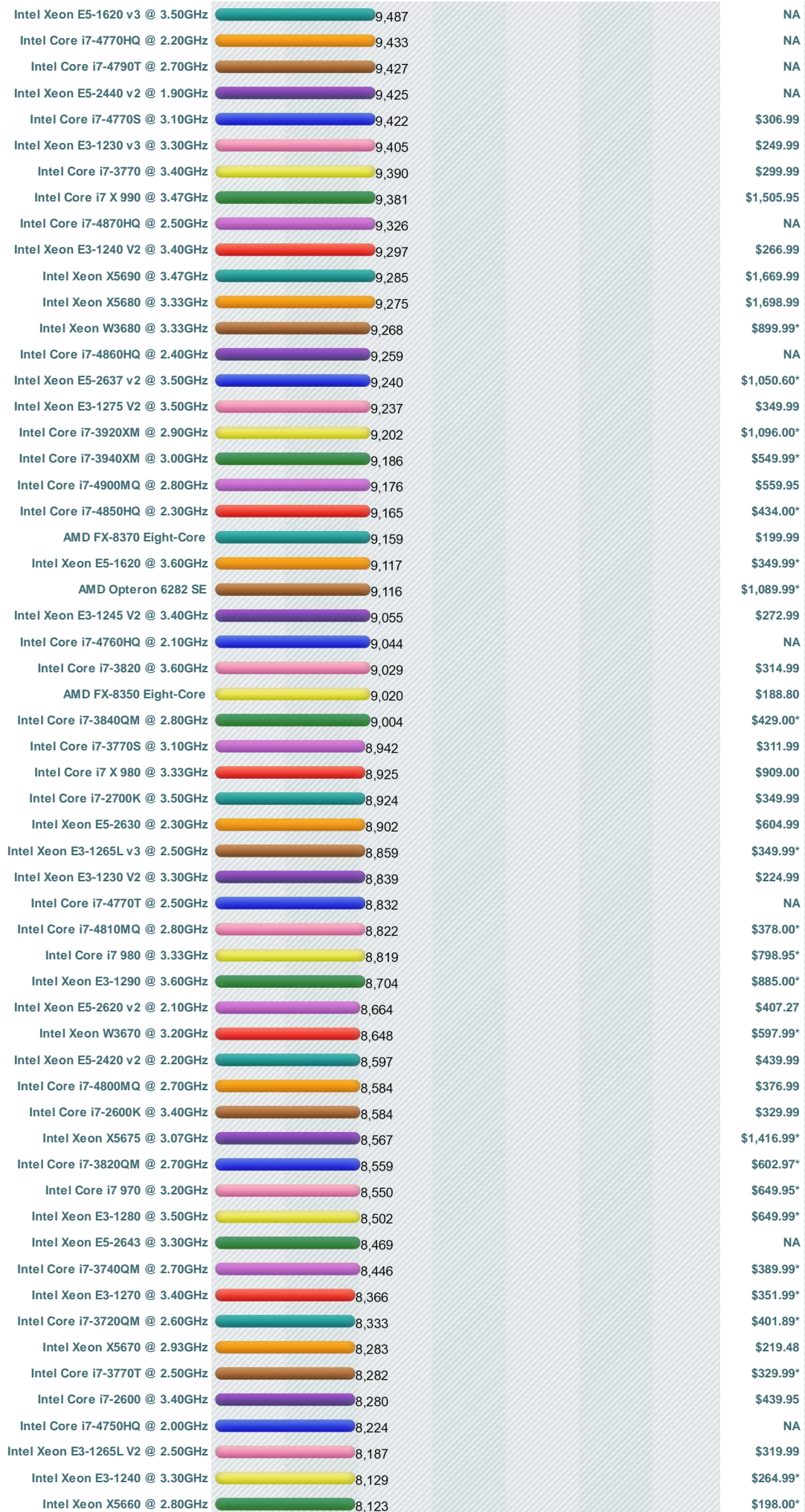
CPU Mark | Price Performance

(Click to select desired chart)

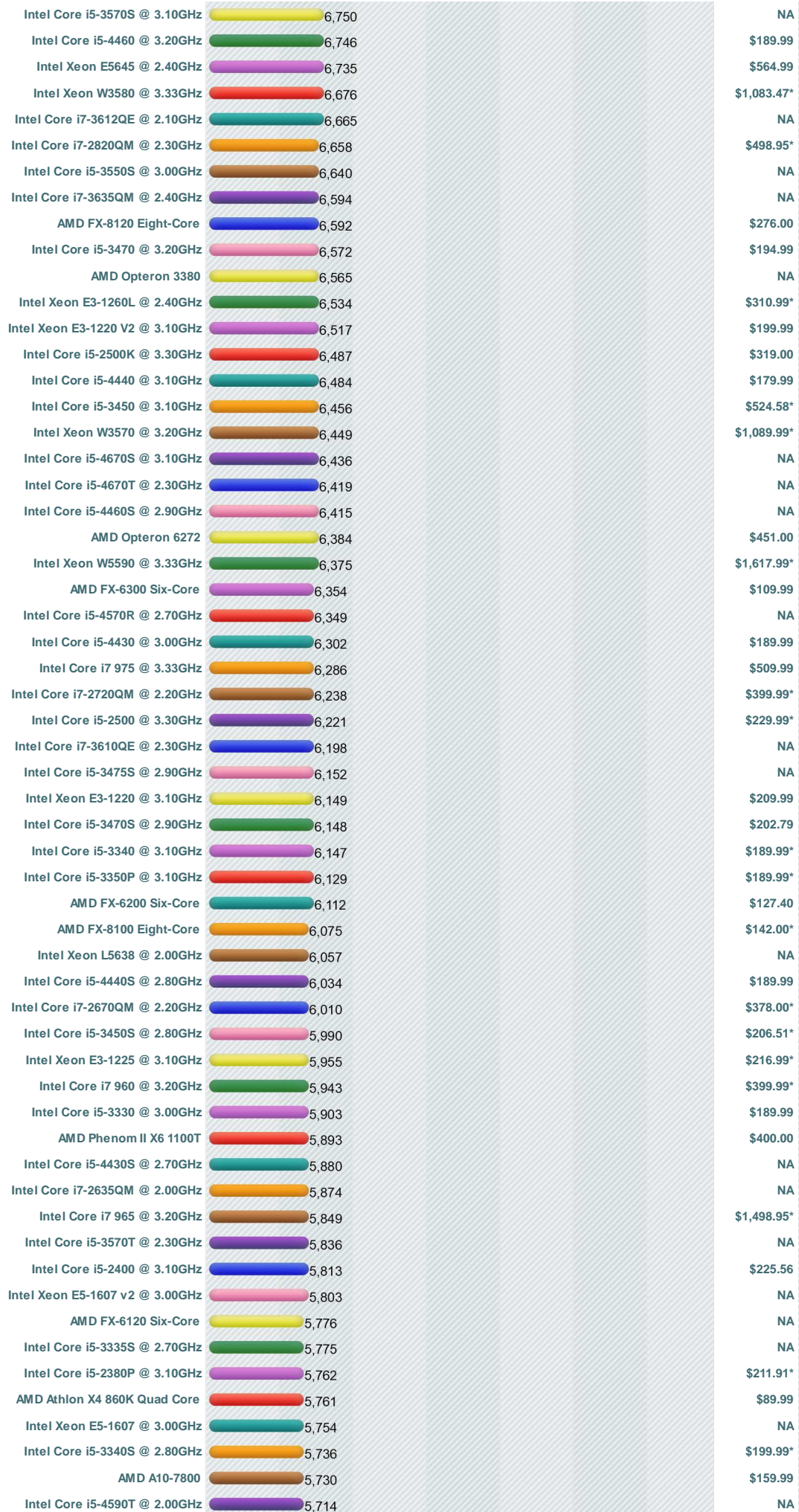
PassMark - CPU Mark High End CPUs - Updated 4th of November 2014

		Price (USD)
Intel Xeon E5-2699 v3 @ 2.30GHz	25,192	NA
Intel Xeon E5-2697 v3 @ 2.60GHz	22,556	\$2,805.99
Intel Xeon E5-2695 v3 @ 2.30GHz	21,123	\$2,499.99
Intel Xeon E5-2690 v3 @ 2.60GHz	19,849	\$2,299.99
Intel Xeon E5-2680 v3 @ 2.50GHz	19,623	\$1,803.48
Intel Xeon E5-2670 v3 @ 2.30GHz	17,849	\$1,649.99
Intel Xeon E5-2697 v2 @ 2.70GHz	17,516	\$2,580.99
Intel Xeon E5-2690 v2 @ 3.00GHz	17,304	\$2,030.70
Intel Xeon E5-2695 v2 @ 2.40GHz	17,231	\$2,306.99
Intel Xeon E5-2687W v2 @ 3.40GHz	16,671	\$2,082.99
Intel Xeon E5-2667 v2 @ 3.30GHz	16,403	\$2,197.99
Intel Xeon E5-2680 v2 @ 2.80GHz	16,340	\$1,666.69
Intel Xeon E5-2660 v3 @ 2.60GHz	16,272	\$1,499.99
Intel Xeon E5-1680 v2 @ 3.00GHz	16,224	NA
Intel Core i7-5960X @ 3.00GHz	16,138	\$1,049.99
Intel Xeon E5-2650 v3 @ 2.30GHz	15,768	\$1,199.99
Intel Xeon E5-1660 v3 @ 3.00GHz	15,532	NA
Intel Xeon E5-2687W v3 @ 3.10GHz	14,894	\$2,149.99
Intel Xeon E5-2670 v2 @ 2.50GHz	14,892	\$1,533.99
Intel Xeon E5-2640 v3 @ 2.60GHz	14,550	\$999.99
Intel Xeon E5-2687W @ 3.10GHz	14,525	\$1,912.99
Intel Xeon E5-2690 @ 2.90GHz	14,354	\$2,085.99
Intel Xeon E5-1650 v3 @ 3.50GHz	14,074	NA
Intel Core i7-4960X @ 3.60GHz	13,997	\$1,027.27
Intel Xeon E5-2689 @ 2.60GHz	13,897	NA
Intel Xeon E5-2658 v2 @ 2.40GHz	13,875	NA
Intel Xeon E5-2660 v2 @ 2.20GHz	13,659	\$1,373.99





AMD FX-8320 Eight-Core	8,081	\$139.99
Intel Xeon E3-1245 @ 3.30GHz	8,058	\$255.00*
AMD FX-8370E Eight-Core	8,046	\$184.99
Intel Core i7-4710MQ @ 2.50GHz	8,029	NA
Intel Xeon E3-1230 @ 3.20GHz	8,023	\$237.99
Intel Xeon E5-2620 @ 2.00GHz	7,989	\$409.99
Intel Core i7-4700HQ @ 2.40GHz	7,935	\$383.00*
Intel Core i7-4710HQ @ 2.50GHz	7,932	NA
AMD FX-8310 Eight-Core	7,921	NA
Intel Xeon E3-1275 @ 3.40GHz	7,919	\$356.99*
Intel Core i7-4700MQ @ 2.40GHz	7,861	\$385.99
Intel Core i5-4690K @ 3.50GHz	7,756	\$239.99
Intel Core i7-4702HQ @ 2.20GHz	7,752	NA
AMD FX-8150 Eight-Core	7,698	\$759.95
Intel Core i5-4670K @ 3.40GHz	7,695	\$234.99
Intel Core i7-3630QM @ 2.40GHz	7,691	\$298.95*
Intel Xeon X5650 @ 2.67GHz	7,653	\$123.14
Intel Core i5-4690 @ 3.50GHz	7,646	\$188.00
Intel Core i7-4712HQ @ 2.30GHz	7,642	NA
Intel Core i7-4785T @ 2.20GHz	7,541	NA
Intel Core i7-3610QM @ 2.30GHz	7,487	\$399.99*
Intel Core i5-4670 @ 3.40GHz	7,483	\$216.99
AMD FX-8320E Eight-Core	7,474	\$149.99
Intel Core i5-4690S @ 3.20GHz	7,454	\$214.99*
Intel Xeon E3-1235 @ 3.20GHz	7,453	\$269.99*
Intel Core i7-4700EQ @ 2.40GHz	7,408	NA
Intel Core i7-2960XM @ 2.70GHz	7,396	\$1,096.00*
Intel Xeon E5-2420 @ 1.90GHz	7,371	\$398.99
Intel Core i7-3615QM @ 2.30GHz	7,343	NA
Intel Xeon X5687 @ 3.60GHz	7,333	NA
Intel Xeon E3-1226 v3 @ 3.30GHz	7,324	\$223.00
Intel Xeon E5-1410 @ 2.80GHz	7,312	NA
Intel Core i7-2860QM @ 2.50GHz	7,290	\$599.99*
Intel Core i7-4702MQ @ 2.20GHz	7,265	NA
Intel Core i5-4590 @ 3.30GHz	7,244	\$193.99
Intel Core i7-4765T @ 2.00GHz	7,231	NA
Intel Xeon E5649 @ 2.53GHz	7,192	\$409.50*
Intel Core i7-4712MQ @ 2.30GHz	7,181	NA
Intel Core i5-3570K @ 3.40GHz	7,163	\$229.99
Intel Core i7-2600S @ 2.80GHz	7,131	\$328.45*
Intel Core i7-2920XM @ 2.50GHz	7,097	\$1,096.00*
AMD Opteron 6234	7,093	\$399.99*
Intel Xeon X5677 @ 3.47GHz	7,077	\$1,663.00*
Intel Core i5-4570 @ 3.20GHz	7,075	\$199.99
AMD FX-6350 Six-Core	7,010	\$129.49
Intel Xeon E3-1220 v3 @ 3.10GHz	7,010	\$199.99
Intel Core i5-3570 @ 3.40GHz	7,000	\$215.00
Intel Core i5-4590S @ 3.00GHz	6,998	\$204.29
Intel Core i7-3632QM @ 2.20GHz	6,981	\$378.00*
Intel Xeon E3-1225 v3 @ 3.20GHz	6,951	\$219.99
Intel Xeon E5-2430 v2 @ 2.50GHz	6,884	\$586.60*
Intel Core i5-2550K @ 3.40GHz	6,860	\$249.99*
Intel Xeon E3-1225 V2 @ 3.20GHz	6,846	\$228.99
Intel Core i7-3612QM @ 2.10GHz	6,834	NA
Intel Core i5-3550 @ 3.30GHz	6,820	\$229.99*
Intel Core i7-2760QM @ 2.40GHz	6,807	\$378.00*
Intel Core i5-4570S @ 2.90GHz	6,798	\$200.99
Intel Core i7-2840QM @ 2.40GHz	6,766	NA



AMD Phenom II X6 1090T	5,704	\$360.00*
Intel Core i7 880 @ 3.07GHz	5,688	\$583.00*
AMD A10 PRO-7800B R7, 12 Compute Cores 4C+8G	5,686	NA
AMD A10-7850K APU	5,677	\$156.99
Intel Xeon E5640 @ 2.67GHz	5,662	\$778.99*
Intel Core i5-2320 @ 3.00GHz	5,656	\$189.99
Intel Core i5-3330S @ 2.70GHz	5,647	NA
Intel Core i7 950 @ 3.07GHz	5,645	\$149.95
AMD A10-7850K	5,635	NA
Intel Xeon X5570 @ 2.93GHz	5,630	\$120.00*
Intel Core i3-4370 @ 3.80GHz	5,614	\$159.99
Intel Core i5-2450P @ 3.20GHz	5,595	\$214.99*
Intel Core i7-2630QM @ 2.00GHz	5,581	\$378.00*
Intel Core i3-4360 @ 3.70GHz	5,581	\$150.99
Intel Core i7-2675QM @ 2.20GHz	5,580	NA
Intel Xeon X3470 @ 2.93GHz	5,568	\$349.99*
Intel Xeon W3540 @ 2.93GHz	5,506	\$698.95*
Intel Xeon X5560 @ 2.80GHz	5,496	\$1,251.99*
Intel Core i7 870 @ 2.93GHz	5,488	\$258.00*
Intel Xeon E5-1603 @ 2.80GHz	5,452	\$219.99*
Intel Core i7 940 @ 2.93GHz	5,449	\$699.95*
Intel Core i7 K 875 @ 2.93GHz	5,443	\$358.55*
Intel Core i5-2310 @ 2.90GHz	5,429	\$169.99*
AMD FX-6100 Six-Core	5,427	\$156.78*
AMD Phenom II X6 1075T	5,423	\$235.00
Intel Xeon X5550 @ 2.67GHz	5,409	\$78.75*
AMD A10-7700K APU	5,399	\$129.49
Intel Core i7-2710QE @ 2.10GHz	5,398	NA
Intel Core i3-4340 @ 3.60GHz	5,300	\$162.99
Intel Core i5-2300 @ 2.80GHz	5,278	\$189.98*
AMD FX-4350 Quad-Core	5,265	\$118.00
AMD A8-7600 Radeon R7, 10 Compute Cores 4C+6G	5,250	\$104.99
Intel Xeon L5639 @ 2.13GHz	5,248	NA
AMD A10-7700K	5,244	NA
Intel Core i7 930 @ 2.80GHz	5,218	\$406.25*
Intel Core i7-2715QE @ 2.10GHz	5,199	NA
AMD Opteron 3280	5,181	\$273.18*
AMD Phenom II X6 1065T	5,179	NA
Intel Core i5-2500S @ 2.70GHz	5,176	NA
Intel Core i3-4350 @ 3.60GHz	5,170	\$153.99
Intel Xeon X3450 @ 2.67GHz	5,154	\$229.99
Intel Core i3-4330 @ 3.50GHz	5,094	\$139.99
Intel Xeon X5470 @ 3.33GHz	5,093	NA
Intel Xeon E5630 @ 2.53GHz	5,089	\$348.99*
Intel Core i7 860 @ 2.80GHz	5,087	\$182.00
Intel Xeon W3520 @ 2.67GHz	5,070	\$359.99*
Intel Core i7-4610M @ 3.00GHz	5,068	NA
AMD Phenom II X6 1055T	5,062	\$239.99*
Intel Xeon X3460 @ 2.80GHz	5,059	\$346.99*
Intel Core i7 S 870 @ 2.67GHz	5,052	NA
Intel Core i3-4160 @ 3.60GHz	5,051	\$119.99
Intel Core i7 920 @ 2.67GHz	5,006	\$108.95
Intel Core i7-4600M @ 2.90GHz	4,999	NA
Intel Core i3-4150 @ 3.50GHz	4,998	\$119.99
Intel Core i5-4210H @ 2.90GHz	4,953	NA
Intel Core i5-4460T @ 1.90GHz	4,938	NA
Intel Xeon E5620 @ 2.40GHz	4,932	\$95.00

AMD Phenom II X6 1045T	4,922	\$200.00*
Intel Core i3-4360T @ 3.20GHz	4,905	NA
Intel Core i5-4570T @ 2.90GHz	4,877	NA
Intel Core i5-2400S @ 2.50GHz	4,866	\$200.00*
Intel Core i7 S 860 @ 2.53GHz	4,856	\$385.27*
Intel Xeon E5540 @ 2.53GHz	4,830	\$90.00*
Intel Core2 Extreme X9750 @ 3.16GHz	4,822	NA
Intel Xeon W3565 @ 3.20GHz	4,817	\$322.99*
Intel Core i3-4130 @ 3.40GHz	4,803	\$119.99
AMD FX-4170 Quad-Core	4,799	\$197.00*
AMD A10-6790K APU	4,786	\$128.99
AMD A10-5800B APU	4,782	NA
AMD Phenom II X6 1035T	4,769	\$189.00*
Intel Core i5-2405S @ 2.50GHz	4,765	\$330.02*
Intel Xeon W5580 @ 3.20GHz	4,761	\$1,659.99*
Intel Core i7-3540M @ 3.00GHz	4,758	NA
Intel Xeon X5482 @ 3.20GHz	4,757	\$1,279.00*
AMD A10-6800K APU	4,749	\$139.99
Intel Xeon X3380 @ 3.16GHz	4,737	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4,733	\$1,400.00*
Intel Core i5-4570TE @ 2.70GHz	4,727	NA
Intel Xeon E5530 @ 2.40GHz	4,719	\$624.99*
Intel Xeon E5-2407 v2 @ 2.40GHz	4,718	NA
AMD FX-4300 Quad-Core	4,715	\$86.79
AMD A10-6700 APU	4,694	\$130.99
Intel Core i5-2500T @ 2.30GHz	4,682	NA
Intel Core i5-4330M @ 2.80GHz	4,673	\$274.99*
AMD Phenom II X4 980	4,667	\$136.64*
AMD A8-6500B APU	4,659	NA
Intel Xeon W3550 @ 3.07GHz	4,650	\$323.99*
AMD A10-5800K APU	4,648	\$99.99
AMD FX-670K Quad-Core	4,639	NA
AMD FX-4150 Quad-Core	4,628	NA
AMD FX-7600P APU with AMD Radeon R7 Graphics	4,627	NA
Intel Xeon E5-2609 @ 2.40GHz	4,618	\$304.99
AMD Phenom II X4 975	4,606	\$129.99*
Intel Core i5-4288U @ 2.60GHz	4,593	NA
Intel Xeon X3370 @ 3.00GHz	4,592	\$365.50*
Intel Core i5-4310M @ 2.70GHz	4,584	NA
AMD Athlon X4 760K Quad Core	4,575	\$92.36
Intel Core i5-3470T @ 2.90GHz	4,574	\$234.95*
Intel Core i3-4160T @ 3.10GHz	4,572	NA
AMD A8-6500 APU	4,569	\$95.70
AMD A8-6600K APU	4,562	\$89.99
Intel Core i7-3520M @ 2.90GHz	4,557	NA
Intel Core2 Extreme X9775 @ 3.20GHz	4,536	\$1,849.95*
Intel Core i5-4300M @ 2.60GHz	4,515	NA
Intel Xeon E5520 @ 2.27GHz	4,505	\$65.13*
Intel Core i3-4330T @ 3.00GHz	4,498	NA
Intel Core i5-4200H @ 2.80GHz	4,469	NA
AMD Phenom II X4 970	4,461	\$124.99*
AMD FX-4200 Quad-Core	4,454	\$88.74
Intel Core i3-3250 @ 3.50GHz	4,450	\$119.95
Intel Xeon X5460 @ 3.16GHz	4,439	\$999.99*
Intel Core i3-4150T @ 3.00GHz	4,437	\$117.00*
Intel Xeon X3440 @ 2.53GHz	4,429	\$249.99*
Intel Core i5-4278U @ 2.60GHz	4,426	NA

Intel Xeon X5492 @ 3.40GHz	4,426	\$1,391.29*
Intel Core i3-3225 @ 3.30GHz	4,390	\$153.05*
Intel Core2 Extreme X9650 @ 3.00GHz	4,372	\$998.95*
Intel Xeon L5520 @ 2.27GHz	4,356	\$649.99*
Intel Core i7-3687U @ 2.10GHz	4,349	NA
AMD A8-5600K APU	4,346	\$92.24
Intel Core i3-3245 @ 3.40GHz	4,338	\$149.99*
Intel Core i3-2140 @ 3.50GHz	4,325	NA
Intel Core i3-3240 @ 3.40GHz	4,307	\$119.99
Intel Xeon E5472 @ 3.00GHz	4,306	\$1,098.95*
AMD Athlon X4 750K Quad Core	4,306	\$79.99
Intel Core i5-3360M @ 2.80GHz	4,303	\$294.99
Intel Core i7-4558U @ 2.80GHz	4,302	NA
Intel Xeon W3530 @ 2.80GHz	4,280	\$285.00*
Intel Xeon X5698 @ 4.40GHz	4,272	NA
Intel Xeon X3363 @ 2.83GHz	4,271	NA
AMD Phenom II X4 965	4,270	\$145.00*
Intel Xeon E5450 @ 3.00GHz	4,265	\$1,058.95*
Intel Core i5-4210M @ 2.60GHz	4,263	NA
Intel Core i7-4600U @ 2.10GHz	4,256	NA
Intel Core2 Quad Q9650 @ 3.00GHz	4,246	\$168.00
Intel Core X 920 @ 2.00GHz	4,237	NA
Intel Xeon E5462 @ 2.80GHz	4,229	\$255.99*
Intel Core i3-3220 @ 3.30GHz	4,220	\$122.00
Intel Core i5-3380M @ 2.90GHz	4,211	NA
AMD A10-5700 APU	4,203	\$161.00
Intel Core i7-4650U @ 1.70GHz	4,195	NA
Intel Core i3-4130T @ 2.90GHz	4,195	\$127.99
Intel Xeon X5450 @ 3.00GHz	4,190	\$110.00*
AMD FX-4130 Quad-Core	4,188	\$79.99
AMD Phenom II X4 B60	4,176	NA
Intel Core i7 X 940 @ 2.13GHz	4,160	NA
Intel Core i5-4258U @ 2.40GHz	4,157	NA
AMD Phenom II X4 B99	4,154	NA
Intel Core i5-3340M @ 2.70GHz	4,153	NA
Intel Xeon L5630 @ 2.13GHz	4,144	NA
Intel Core i5-4200M @ 2.50GHz	4,134	NA
Intel Xeon L5430 @ 2.66GHz	4,133	NA
Intel Xeon X3360 @ 2.83GHz	4,122	\$268.00*
Intel Core i7-3555LE @ 2.50GHz	4,080	NA
Intel Core2 Quad Q9550 @ 2.83GHz	4,067	\$109.00
Intel Core i3-2125 @ 3.30GHz	4,052	\$149.99*
AMD FX-4100 Quad-Core	4,040	\$135.00
Intel Core i3-2130 @ 3.40GHz	4,040	\$293.59*
AMD A8-5500 APU	4,028	\$98.99
Intel Core i5-3320M @ 2.60GHz	4,022	\$239.99*
AMD Phenom II X4 955	4,014	\$354.99*
AMD Opteron 3350 HE	4,009	NA
Intel Pentium G3258 @ 3.20GHz	4,000	\$69.99
Intel Core i7-4510U @ 2.00GHz	3,995	NA
Intel Core i5-2390T @ 2.70GHz	3,983	NA
Intel Xeon L3426 @ 1.87GHz	3,982	\$325.99*
Intel Core i7-4550U @ 1.50GHz	3,980	NA
Intel Core i7-2640M @ 2.80GHz	3,971	NA
Intel Core i7-3667U @ 2.00GHz	3,965	NA
AMD Phenom II X4 B97	3,957	NA
Intel Core i5-3230M @ 2.60GHz	3,956	\$225.00*
Intel Core2 Quad Q9705 @ 3.16GHz	3,947	NA

AMD Phenom Ultra X4 24500	3,945	NA
Intel Xeon X5472 @ 3.00GHz	3,943	\$844.50*
AMD Phenom II X4 973	3,940	NA
Intel Xeon E5440 @ 2.83GHz	3,940	\$379.42*
Intel Atom C2750 @ 2.40GHz	3,929	NA
AMD Athlon X4 740 Quad Core	3,928	\$74.24
Intel Core i5 760 @ 2.80GHz	3,924	\$229.99*
Intel Xeon X3350 @ 2.66GHz	3,911	\$268.00*
Intel Xeon E5430 @ 2.66GHz	3,907	\$215.99*
Intel Core i7-3537U @ 2.00GHz	3,889	NA
Intel Core i3-3210 @ 3.20GHz	3,879	\$120.21*
Intel Core i3-2120 @ 3.30GHz	3,870	\$134.99
AMD Phenom II X4 960T	3,864	\$200.00*
Intel Core i7-2620M @ 2.70GHz	3,863	NA
Intel Core i7-4500U @ 1.80GHz	3,844	NA
AMD Phenom II X4 B95	3,827	\$225.00*
AMD A8-5500B APU	3,820	NA
Intel Core2 Quad Q9450 @ 2.66GHz	3,811	\$335.25*
AMD Phenom II X4 20	3,805	\$130.00*
Intel Core i5-3210M @ 2.50GHz	3,802	\$225.00*
AMD A10-6700T APU	3,799	\$206.57
Intel Core i5-4310U @ 2.00GHz	3,792	NA
AMD Phenom II X4 B50	3,791	NA
Intel Pentium G3450 @ 3.40GHz	3,780	\$86.24
Intel Core i5-4300U @ 1.90GHz	3,771	NA
Intel Core i3-2105 @ 3.10GHz	3,758	\$135.99
AMD Phenom II X4 945	3,755	\$179.99*
Intel Core i5-2560M @ 2.70GHz	3,752	NA
Intel Core i5 750 @ 2.67GHz	3,746	\$205.00*
Intel Core i3-4100M @ 2.50GHz	3,742	NA
Intel Core2 Extreme Q6850 @ 3.00GHz	3,734	\$1,495.95*
Intel Xeon L5506 @ 2.13GHz	3,715	NA
Intel Core i3-3220T @ 2.80GHz	3,710	\$127.99
Intel Core i7-4610Y @ 1.70GHz	3,703	NA
Intel Core i5-2540M @ 2.60GHz	3,697	\$278.99*
Intel Core i7-3517U @ 1.90GHz	3,694	NA
AMD FX-7500 Radeon R7, 10 Compute Cores 4C+6G	3,682	NA
Intel Core2 Quad Q9500 @ 2.83GHz	3,679	\$183.00*
Intel Core i3-3240T @ 2.90GHz	3,673	NA
Intel Xeon X3330 @ 2.66GHz	3,671	\$223.79*
Intel Core i7 920XM @ 2.00GHz	3,666	\$1,144.69*
AMD A8-3870K APU	3,664	\$99.99
AMD Phenom II X4 940	3,663	\$104.99*
AMD Athlon II X4 651 Quad-Core	3,652	\$99.87*
Intel Core i5-4260U @ 1.40GHz	3,649	NA

* - Last seen price from our affiliates.

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 [High-End CPU's] - [High Mid-Range CPU's] - [Low Mid-Range CPU's] - [Low-End CPU's]
 [CPU Popularity 30 days] - [Multi CPU Systems] - [Manufacturer Market Share]
 [Single Thread CPU Performance] - [CPU Mark by Socket Type] - [Laptop CPU's]

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