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CPU Benchmarks

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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!



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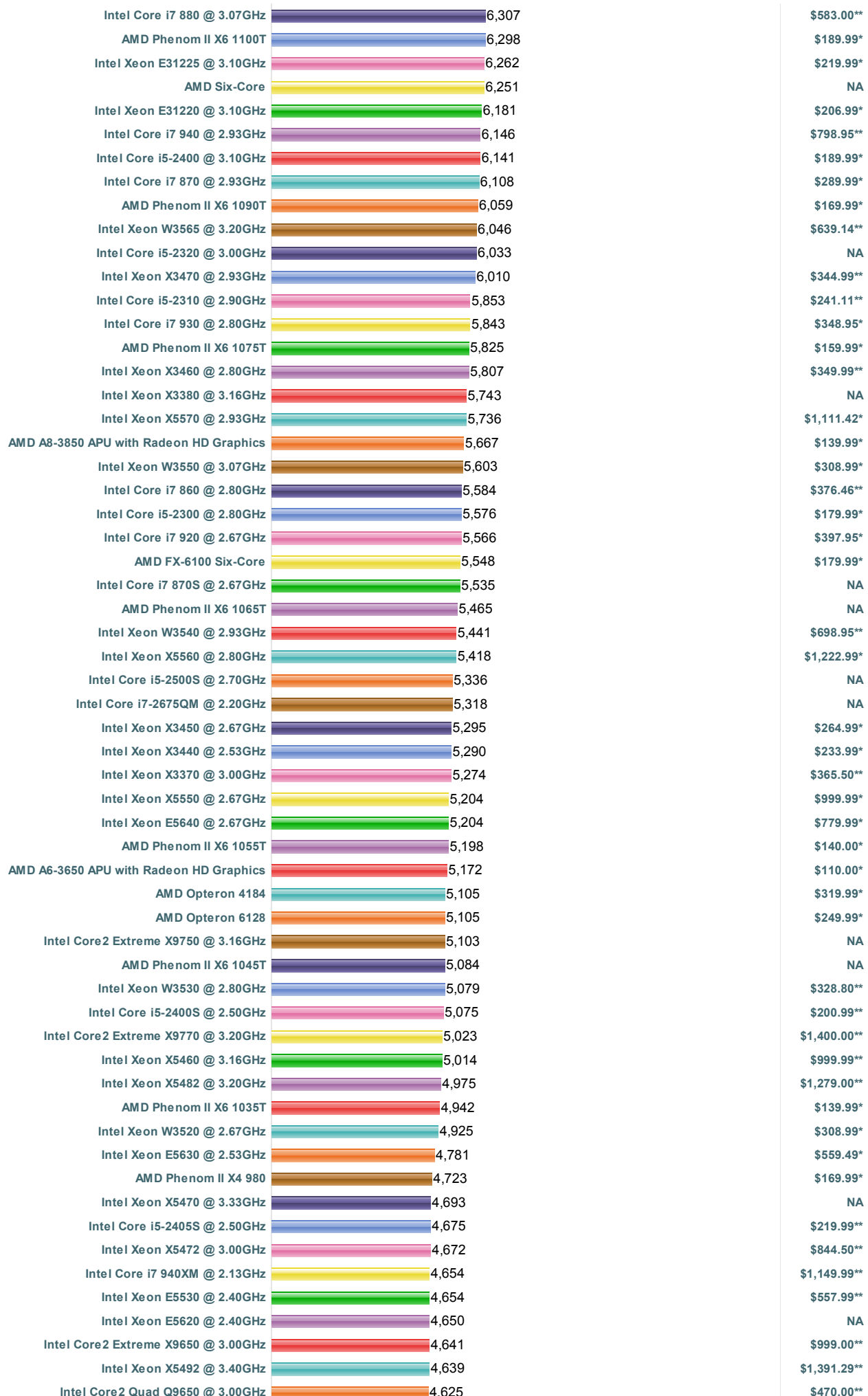
CPU Mark | Price Performance

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PassMark - CPU Mark

High End CPUs - Updated 7th of November 2011

		Price (USD)
Intel Core i7-3960X @ 3.30GHz	12,989	NA
Intel Core i7-2700K @ 3.50GHz	11,229	\$369.99*
Intel Core i7 995X @ 3.60GHz	10,945	NA
Intel Core i7 990X @ 3.47GHz	10,933	\$999.99*
Intel Core i7 980X @ 3.33GHz	10,607	\$1,021.43**
Intel Xeon X5675 @ 3.07GHz	10,400	\$1,479.99**
Intel Xeon X5690 @ 3.47GHz	10,305	\$1,649.99*
Intel Core i7 980 @ 3.33GHz	10,303	\$599.49**
Intel Xeon W3690 @ 3.47GHz	10,202	\$1,079.99*
Intel Core i7-2600K @ 3.40GHz	10,031	\$313.99*
Intel Core i7 970 @ 3.20GHz	9,940	\$535.49*
Intel Xeon W3680 @ 3.33GHz	9,860	\$599.99**
Intel Core i7-2960XM @ 2.70GHz	9,767	NA
Intel Xeon X5680 @ 3.33GHz	9,750	\$1,639.99*
Intel Xeon X5670 @ 2.93GHz	9,214	\$1,442.01*
Intel Xeon E31275 @ 3.40GHz	9,104	\$349.99*
Intel Xeon E31270 @ 3.40GHz	9,099	\$339.99*
Intel Xeon E31280 @ 3.50GHz	8,977	\$619.99*
Intel Core i7-2600 @ 3.40GHz	8,966	\$299.99**
Intel Xeon X7560 @ 2.27GHz	8,591	\$3,897.00**
AMD FX-8150 Eight-Core	8,570	\$269.99*
Intel Xeon E31230 @ 3.20GHz	8,400	\$239.99*
Intel Xeon E31245 @ 3.30GHz	8,394	\$279.99*
Intel Xeon X5660 @ 2.80GHz	8,360	\$1,204.76*
AMD Opteron 6176 SE	8,203	\$2,114.83*
Intel Xeon E31235 @ 3.20GHz	8,185	\$264.99*
Intel Core i7-2860QM @ 2.50GHz	8,112	\$568.00**
Intel Xeon X5650 @ 2.67GHz	7,989	\$1,003.99*
Intel Xeon W3670 @ 3.20GHz	7,933	NA
AMD Opteron 6172	7,784	\$989.00*
Intel Xeon L5640 @ 2.27GHz	7,768	\$1,044.76*
Intel Xeon X5687 @ 3.60GHz	7,717	NA
Intel Core i7-2760QM @ 2.40GHz	7,707	NA
Intel Core i7-2920XM @ 2.50GHz	7,685	NA
Intel Core i7-2600S @ 2.80GHz	7,533	NA
Intel Core i7-2820QM @ 2.30GHz	7,478	\$592.14**
Intel Core i5-2500K @ 3.30GHz	7,447	\$214.99**
Intel Core 975 @ 3.33GHz	7,326	\$1,465.76**
AMD FX-8120 Eight-Core	7,296	\$219.99*
Intel Xeon E5645 @ 2.40GHz	7,157	NA
Intel Xeon E31240 @ 3.30GHz	7,112	\$264.99*
Intel Core i7-2720QM @ 2.20GHz	7,098	\$399.99**
Intel Core i7 975 @ 3.33GHz	7,056	\$1,019.47**
Intel Xeon W5590 @ 3.33GHz	6,873	\$1,731.15*
Intel Core i7 965 @ 3.20GHz	6,814	\$990.00*
Intel Xeon W3570 @ 3.20GHz	6,804	\$1,089.99**
Intel Xeon X5677 @ 3.47GHz	6,802	\$1,663.00**
Intel Core i7-2670QM @ 2.20GHz	6,802	NA
Intel Xeon W3580 @ 3.33GHz	6,763	\$1,083.47**
Intel Core i7 960 @ 3.20GHz	6,674	\$289.99*
Intel Core i5-2500 @ 3.30GHz	6,633	\$209.99**
Intel Core i7 875K @ 2.93GHz	6,553	\$484.61**
Intel Core i7-2635QM @ 2.00GHz	6,520	NA
Intel Xeon W 570 @ 3.20GHz	6,402	NA
Intel Core i7 950 @ 3.07GHz	6,367	\$259.99*
Intel Xeon W5580 @ 3.20GHz	6,365	\$1,659.99**



Intel Xeon L5520 @ 2.27GHz	4,616	\$816.08**
Six-Core AMD Opteron 2427	4,597	\$121.91**
Six-Core AMD Opteron 2431	4,586	\$814.81**
AMD Phenom II X4 975	4,582	\$159.99*
Intel Core i5 760 @ 2.80GHz	4,577	\$199.99*
Intel Xeon X5450 @ 3.00GHz	4,546	\$440.42**
AMD Phenom II X4 970	4,471	\$139.99*
Intel Core i7 920XM @ 2.00GHz	4,457	\$1,144.69**
Intel Core i3-2130 @ 3.40GHz	4,447	NA
Intel Core2 Quad Q9550 @ 2.83GHz	4,374	\$307.08*
Intel Xeon E5520 @ 2.27GHz	4,369	\$396.99*
Intel Xeon E5440 @ 2.83GHz	4,358	\$379.42**
AMD FX-4100 Quad-Core	4,334	\$129.99*
Intel Xeon E5540 @ 2.53GHz	4,293	\$779.99*
AMD Phenom II X4 965	4,290	\$129.99*
Intel Core i5 750 @ 2.67GHz	4,282	\$228.19**
Intel Xeon X3350 @ 2.66GHz	4,279	\$316.00**
Intel Core i3-2125 @ 3.30GHz	4,258	NA
AMD Phenom II X4 B97	4,238	NA
Intel Xeon X3360 @ 2.83GHz	4,232	\$268.00**
Intel Xeon L3426 @ 1.87GHz	4,231	\$325.57**
Intel Xeon E5462 @ 2.80GHz	4,222	\$255.99**
AMD Phenom II X4 B65	4,214	NA
Intel Xeon E5450 @ 3.00GHz	4,201	\$289.14**
AMD Phenom II X4 B60	4,163	NA
Intel Core i5-2390T @ 2.70GHz	4,133	NA
Intel Core i7-2640M @ 2.80GHz	4,123	NA
AMD Phenom II X4 40	4,115	\$182.13*
Intel Core i3-2120 @ 3.30GHz	4,104	\$144.99**
Intel Core2 Quad Q9505 @ 2.83GHz	4,096	\$247.23**
AMD Athlon II X4 555	4,069	NA
AMD Phenom II X4 15	4,064	NA
Intel Core2 Quad Q9450 @ 2.66GHz	4,048	\$398.95**
Intel Core i3-2105 @ 3.10GHz	4,043	\$139.99**
Intel Xeon E5430 @ 2.66GHz	4,039	\$459.00*
Intel Core2 Quad Q9500 @ 2.83GHz	4,028	\$183.00**
Intel Core2 Extreme X9775 @ 3.20GHz	4,028	\$1,849.95**
AMD Phenom II X4 960T	3,972	\$124.99*
AMD Phenom II X4 955	3,971	\$124.99*
AMD Phenom II X4 850	3,962	\$135.27**
Intel Xeon X3430 @ 2.40GHz	3,939	\$204.99*
Intel Core i7-2620M @ 2.70GHz	3,938	NA
Intel Core2 Extreme Q6850 @ 3.00GHz	3,909	NA
Intel Core i5-2510E @ 2.50GHz	3,896	NA
Intel Core2 Extreme @ 2.40GHz	3,889	NA
AMD Phenom II X4 B55	3,862	NA
Intel Core i7 840QM @ 1.87GHz	3,857	\$600.99**
Intel Core i3-2100 @ 3.10GHz	3,853	\$124.99*
Intel Xeon X5365 @ 3.00GHz	3,850	\$1,293.95*
Intel Core i5-2540M @ 2.60GHz	3,843	\$325.69**
AMD Athlon II X4 650	3,835	NA
AMD Phenom II X4 B95	3,825	\$225.00**
Intel Core2 Quad Q9400 @ 2.66GHz	3,825	\$339.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3,783	NA
Intel Xeon X3230 @ 2.66GHz	3,777	\$310.51**
Intel Xeon X3320 @ 2.50GHz	3,754	\$219.00*
AMD Phenom II X4 840	3,752	\$129.98*
AMD Athlon X4 640	3,749	NA
AMD Phenom II X4 B50	3,749	NA

Intel Xeon E5420 @ 2.50GHz	3,732	\$519.95**
AMD Phenom II X4 840T	3,720	NA
AMD Phenom II X4 973	3,696	NA
Intel Core2 Quad Q8400 @ 2.66GHz	3,691	\$178.52**
AMD Phenom II X4 940	3,682	\$104.99**
AMD Athlon II X4 645	3,666	\$99.99*
Intel Xeon E5507 @ 2.27GHz	3,654	\$284.99**
Intel Xeon X3330 @ 2.66GHz	3,647	\$299.99*
AMD Phenom II X4 B45	3,638	NA
AMD Phenom II X4 B35	3,631	NA
AMD Phenom II X4 945	3,628	\$139.99**
Intel Core2 Extreme Q6800 @ 2.93GHz	3,622	\$1,125.00**
Intel Core i5-2520M @ 2.50GHz	3,608	\$249.99**
AMD Phenom FX-5200 Quad-Core	3,597	NA
Intel Core2 Quad Q9300 @ 2.50GHz	3,596	\$226.99*
Intel Core i7 740QM @ 1.73GHz	3,581	\$407.53**
AMD A6-3400M APU with Radeon HD Graphics	3,563	NA
Intel Core i7 820QM @ 1.73GHz	3,555	\$546.00**
Intel Core2 Quad Q8300 @ 2.50GHz	3,551	\$182.20**
Intel Core2 Quad Q9100 @ 2.26GHz	3,499	\$385.89**
AMD Phenom II X4 820	3,494	\$89.99**
AMD Athlon II X4 640	3,482	\$94.99*
Intel Core i5 655K @ 3.20GHz	3,480	\$183.96*
AMD Phenom II X4 B40	3,477	NA
Intel Core i5 680 @ 3.60GHz	3,475	\$309.99*
AMD A8-3530MX APU with Radeon HD Graphics	3,473	NA
AMD Phenom II X4 830	3,472	\$94.99*
Intel Xeon X5355 @ 2.66GHz	3,468	\$490.00**
AMD Phenom II X4 B25	3,467	NA
AMD Phenom II X4 925	3,466	\$140.99**
Intel Core2 Extreme @ 2.26GHz	3,459	NA
Intel Core i5-2430M @ 2.40GHz	3,434	NA
Intel Xeon E5410 @ 2.33GHz	3,421	\$419.95*
Intel Core2 Quad Q6700 @ 2.66GHz	3,390	\$798.95**
AMD Phenom II X4 05e	3,379	NA
AMD Athlon II X4 635	3,379	\$79.99**
Intel Xeon E5506 @ 2.13GHz	3,369	\$229.99*
Intel Core i5-2410M @ 2.30GHz	3,360	NA
AMD Phenom II X4 920	3,326	\$109.99**
Quad-Core AMD Opteron 2378	3,296	\$179.00**
Intel Core i7 720QM @ 1.60GHz	3,293	NA
Intel Core i5 661 @ 3.33GHz	3,290	\$181.37*
Intel Core i3-2100T @ 2.50GHz	3,282	\$129.00**
AMD A8-3510MX APU with Radeon HD Graphics	3,275	NA
Intel Core2 Quad Q8200 @ 2.33GHz	3,269	\$167.00**
AMD Athlon II X4 630	3,259	\$79.99**
AMD A8-3800 APU with Radeon HD Graphics	3,251	\$156.59*
AMD Phenom II X4 910	3,250	\$204.19**
Intel Core i7-2677M @ 1.80GHz	3,245	NA
Intel Xeon E31220L @ 2.20GHz	3,231	NA
AMD Phenom 9850B Quad-Core	3,229	NA
AMD A8-3500M APU with Radeon HD Graphics	3,218	NA
AMD Phenom II X4 B93	3,189	NA
Intel Core i5 670 @ 3.47GHz	3,181	\$306.99*
Intel Core i5 660 @ 3.33GHz	3,169	\$184.01*
Intel Core i5 650 @ 3.20GHz	3,168	\$174.99*
Intel Core i3 560 @ 3.33GHz	3,168	\$145.00*
Intel Xeon X5272 @ 3.40GHz	3,149	\$429.95**
AMD Phenom II X4 810	3,128	\$115.99**

AMD A6-3410MX APU with Radeon HD Graphics	3,108	NA
AMD Phenom II X4 910e	3,102	\$195.00*
Intel Core i3 550 @ 3.20GHz	3,092	\$119.99*
Intel Xeon E5504 @ 2.00GHz	3,089	\$238.99*
Intel Core i3-2350M @ 2.30GHz	3,084	NA
AMD Phenom 9950 Quad-Core	3,067	\$156.99**
AMD Athlon X3 450	3,064	\$78.99**
AMD Phenom II X4 805	3,051	\$173.99**
Intel Xeon X3220 @ 2.40GHz	3,048	\$298.95**
AMD Phenom FX-5000 Quad-Core	3,040	NA
Intel Core i5-2415M @ 2.30GHz	3,020	NA
AMD Phenom II X4 900e	2,997	NA
Intel Core2 Quad Q9000 @ 2.00GHz	2,996	\$389.00**
AMD Athlon II X4 620	2,992	\$89.00**
AMD Athlon II X3 455	2,990	\$79.99*
Intel Core2 Quad Q6600 @ 2.40GHz	2,982	\$398.95**
AMD Athlon II X3 460	2,974	\$89.99**
AMD Phenom 9850 Quad-Core	2,970	\$110.00**
AMD Athlon II X4 615e	2,969	\$153.48*
Intel Xeon E5405 @ 2.00GHz	2,952	\$349.95*
Intel Core i7 640M @ 2.80GHz	2,945	NA
AMD Opteron 6134	2,938	\$528.00*
AMD Phenom II X4 905e	2,932	\$194.46**
AMD Phenom II X3 740	2,909	\$88.99**
Intel Core i7-2617M @ 1.50GHz	2,907	NA
Intel Xeon E5345 @ 2.33GHz	2,892	\$798.95**
Quad-Core AMD Opteron 2356	2,891	NA
Intel Core i5 580M @ 2.67GHz	2,854	\$280.53**
Intel Core i3 540 @ 3.07GHz	2,847	\$94.01*
Intel Core i3-2120T @ 2.60GHz	2,829	NA
AMD Athlon II X3 450	2,805	\$76.79*
Intel Core i7 620M @ 2.67GHz	2,796	\$332.00**
AMD Athlon II X4 610e	2,795	\$140.44*
AMD Phenom 9750 Quad-Core	2,791	\$109.99**
Intel Core i3-2330M @ 2.20GHz	2,765	NA
AMD Phenom II N970 Quad-Core	2,757	NA
AMD Phenom II X920 Quad-Core	2,750	NA
Intel Core i5 480M @ 2.67GHz	2,748	NA
AMD Phenom II X4 B15e	2,744	NA
AMD Athlon II X4 631 Quad-Core	2,729	\$85.02*
AMD Athlon II X3 445	2,729	\$82.50*
Intel Core i3 530 @ 2.93GHz	2,726	\$134.03**
Intel Xeon X3210 @ 2.13GHz	2,687	\$214.99**
Intel Core i5 560M @ 2.67GHz	2,680	\$236.40**
AMD Phenom 9750B Quad-Core	2,671	NA
AMD Athlon II X4 600e	2,667	\$130.23**
Intel Pentium G850 @ 2.90GHz	2,667	\$145.25**
Intel Xeon X5260 @ 3.33GHz	2,663	\$851.00**
Intel Pentium G840 @ 2.80GHz	2,658	\$83.00**
Intel Core2 Duo E8600 @ 3.33GHz	2,654	\$307.29**
AMD Phenom 9650 Quad-Core	2,648	\$110.00**
AMD Athlon II X4 605e	2,646	\$139.99**
Quad-Core AMD Opteron 1352	2,646	\$135.99**
Quad-Core AMD Opteron 2380	2,640	\$391.06**
Quad-Core AMD Opteron 1356	2,633	\$211.80**
Intel Core i7-2655LE @ 2.20GHz	2,632	NA
AMD A6-3500 APU with Radeon HD Graphics	2,622	\$95.78*
Intel Core i3-2310M @ 2.10GHz	2,618	NA
AMD Phenom II X3 720	2,615	\$74.99**

Intel Core i5 460M @ 2.53GHz	2,610	NA
AMD Athlon II X3 435	2,599	\$69.99**
Quad-Core AMD Opteron 1354	2,598	\$309.97**
AMD Phenom II X3 715	2,589	\$84.99**
AMD Athlon II X3 440	2,567	\$64.99**
AMD Phenom II X3 B75	2,559	NA
Intel Xeon E5335 @ 2.00GHz	2,557	\$112.00*
AMD Phenom II N950 Quad-Core	2,556	NA
AMD Phenom 9550 Quad-Core	2,547	\$99.97**
AMD Athlon II X4 6400e	2,534	NA
AMD Phenom 9600B Quad-Core	2,525	\$147.19**
Intel Celeron G540 @ 2.50GHz	2,496	NA
AMD Phenom II X3 B73	2,489	NA
Intel Core i5-2537M @ 1.40GHz	2,487	NA

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** - Last seen price.

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