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Home » [CPU Benchmarks](#) » High End CPU's[CPU Benchmarks](#)[Video Card Benchmarks](#)[Hard Drive Benchmarks](#)[System Benchmarks](#)[Mobile Benchmarks](#)

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!



How does your CPU compare?
Add your CPU to our benchmark chart with [PerformanceTest V7!](#)

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0 800 70 68 67

PERFORMANCE MEDIA

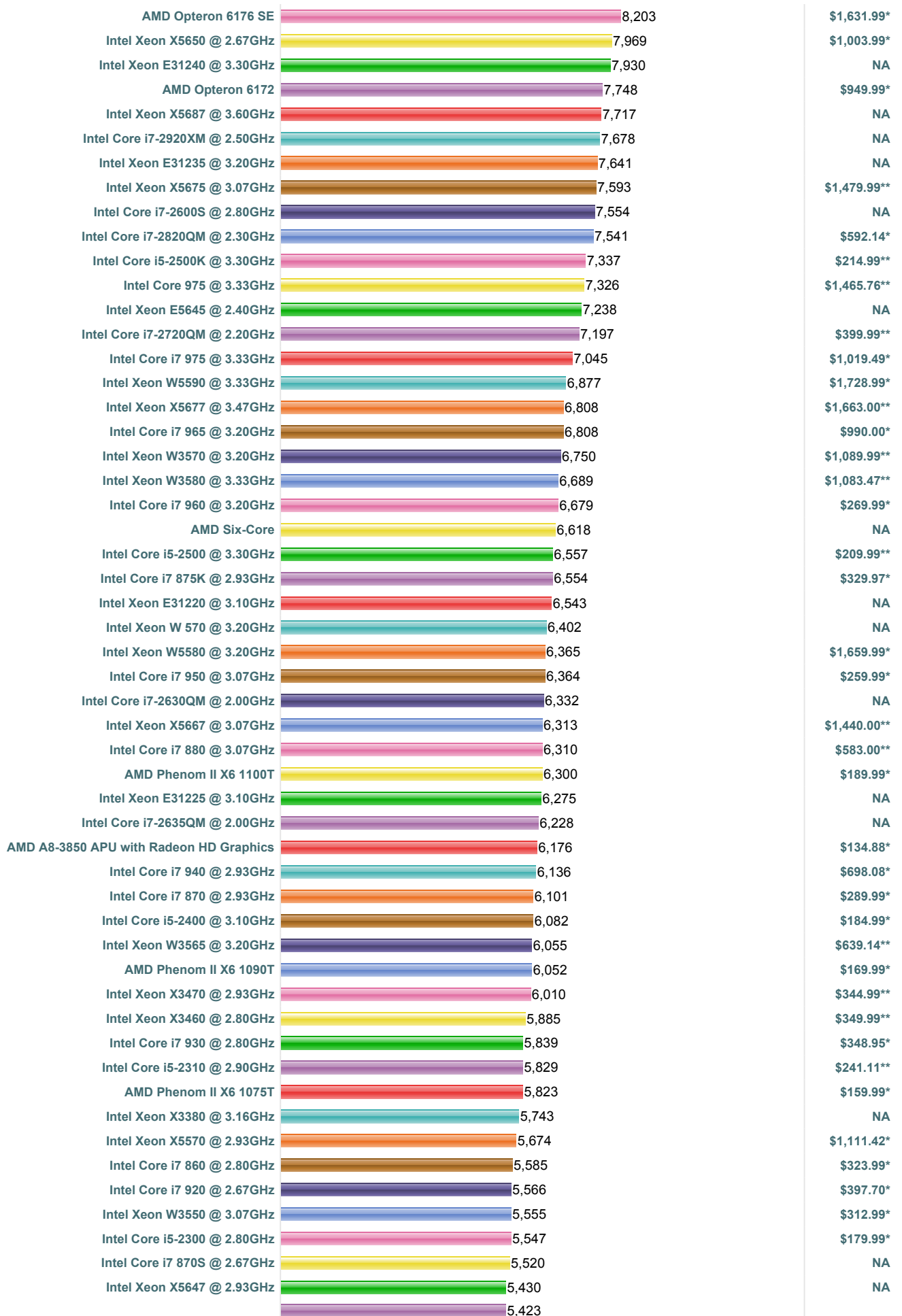
CPU Mark | Price Performance

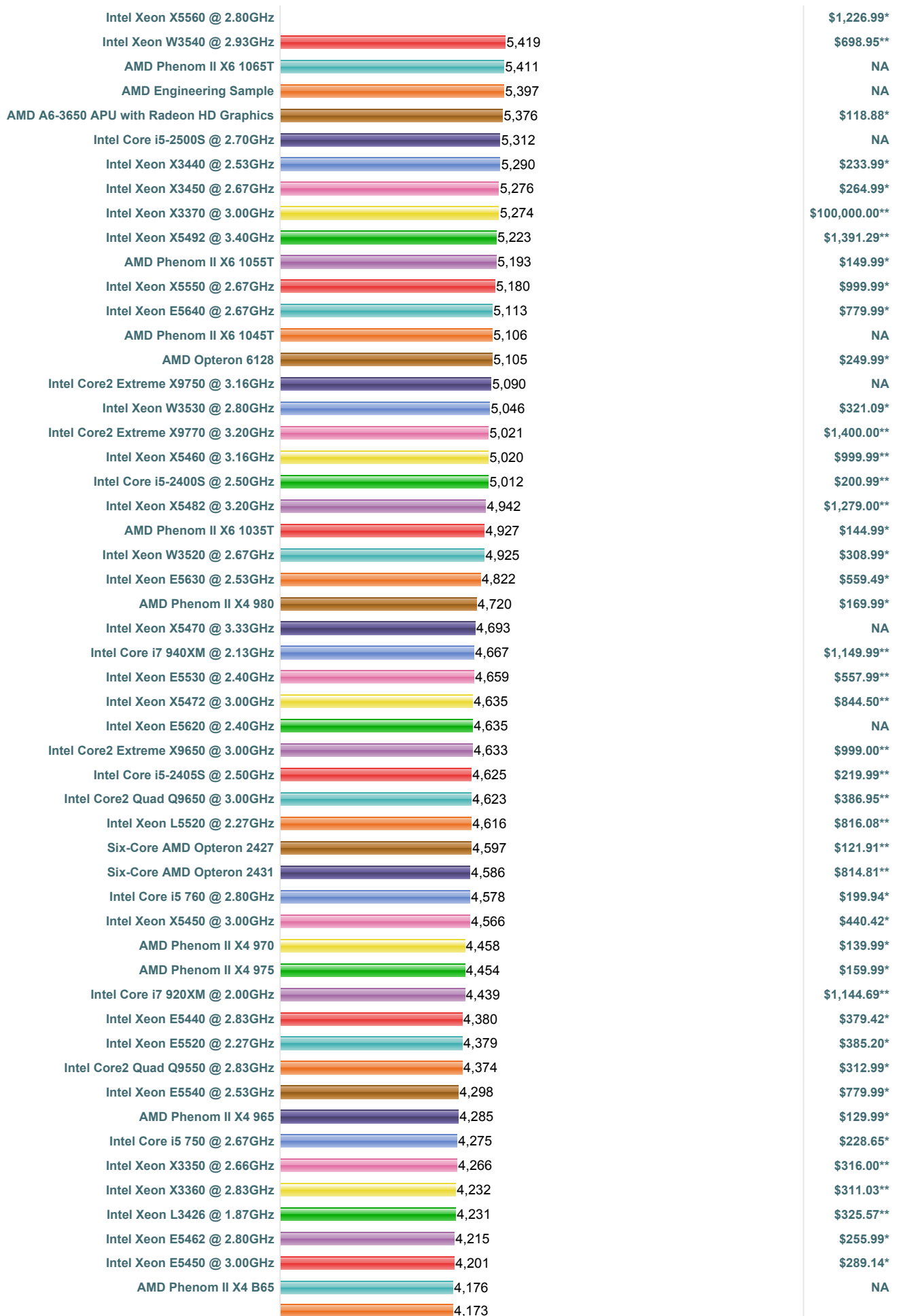
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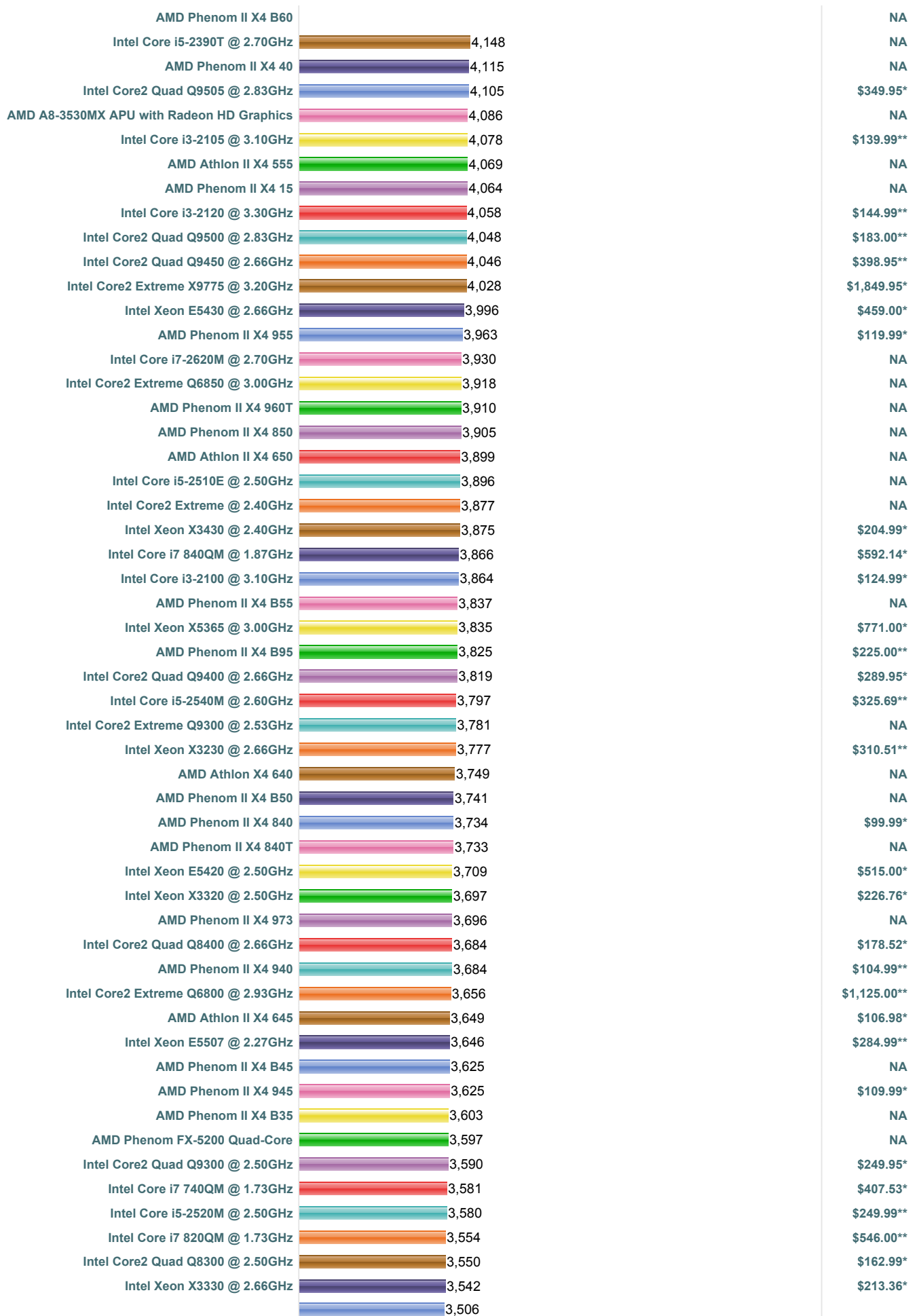
PassMark - CPU Mark

High End CPUs - Updated 30th of August 2011

		Price (USD)
Intel Core i7 995X @ 3.60GHz	10,945	NA
Intel Core i7 990X @ 3.47GHz	10,835	\$999.99*
Intel Core i7 980X @ 3.33GHz	10,607	\$1,021.43*
Intel Xeon W3690 @ 3.47GHz	10,404	\$1,079.99*
Intel Core i7 980 @ 3.33GHz	10,358	\$599.49**
Intel Xeon X5690 @ 3.47GHz	10,091	NA
Intel Core i7 970 @ 3.20GHz	9,922	\$549.99*
Intel Core i7-2600K @ 3.40GHz	9,918	\$427.31**
Intel Xeon W3680 @ 3.33GHz	9,879	\$622.00*
Intel Xeon X5680 @ 3.33GHz	9,818	\$1,639.99*
Intel Xeon E31280 @ 3.50GHz	9,378	NA
Intel Xeon X5670 @ 2.93GHz	9,214	\$1,442.01*
Intel Xeon E31275 @ 3.40GHz	9,109	NA
Intel Xeon E31270 @ 3.40GHz	9,077	NA
Intel Core i7-2600 @ 3.40GHz	8,937	\$299.99**
Intel Xeon E31245 @ 3.30GHz	8,651	NA
Intel Xeon X7560 @ 2.27GHz	8,591	NA
Intel Xeon X5660 @ 2.80GHz	8,467	\$1,199.99*
Intel Xeon W3670 @ 3.20GHz	8,450	NA
Intel Xeon E31230 @ 3.20GHz	8,374	NA

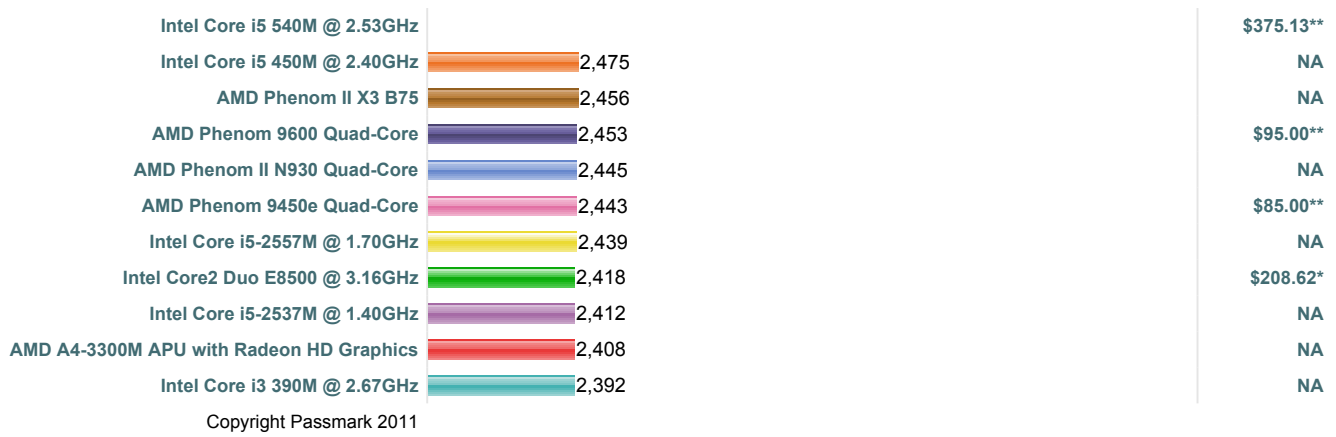






AMD A6-3400M APU with Radeon HD Graphics		NA
Intel Xeon X5355 @ 2.66GHz	3,502	\$490.00**
AMD Phenom II X4 820	3,496	\$89.99**
Intel Core2 Quad Q9100 @ 2.26GHz	3,483	\$385.89**
AMD Phenom II X4 B40	3,479	NA
Intel Core i5 655K @ 3.20GHz	3,477	\$226.99*
AMD Athlon II X4 640	3,477	\$99.99*
Intel Core i5 680 @ 3.60GHz	3,475	\$308.00*
AMD Phenom II X4 830	3,464	NA
Intel Core2 Extreme @ 2.26GHz	3,459	NA
AMD Phenom II X4 925	3,457	\$89.99*
AMD Phenom II X4 B25	3,450	NA
AMD A8-3500M APU with Radeon HD Graphics	3,444	NA
Intel Xeon E5410 @ 2.33GHz	3,421	\$395.00*
Intel Core2 Quad Q6700 @ 2.66GHz	3,385	\$798.95**
AMD Phenom II X4 05e	3,379	NA
Intel Xeon E5506 @ 2.13GHz	3,369	\$229.99*
AMD Athlon II X4 635	3,364	\$79.99**
Intel Core i5-2410M @ 2.30GHz	3,355	NA
AMD Phenom II X4 920	3,322	\$109.99**
Intel Core i7 720QM @ 1.60GHz	3,291	NA
Intel Core i5 661 @ 3.33GHz	3,289	\$219.99*
Intel Core2 Quad Q8200 @ 2.33GHz	3,268	\$229.95*
Intel Core i3-2100T @ 2.50GHz	3,263	\$129.00**
AMD Athlon II X4 630	3,253	\$79.99*
AMD Phenom II X4 910	3,249	\$204.19**
Intel Xeon E31220L @ 2.20GHz	3,231	NA
AMD Phenom 9850B Quad-Core	3,229	NA
Intel Core i7-2677M @ 1.80GHz	3,194	NA
Quad-Core AMD Opteron 2378	3,189	\$179.00**
Intel Core i5 670 @ 3.47GHz	3,170	\$289.99*
Intel Core i3 560 @ 3.33GHz	3,166	\$153.17*
Intel Core i5 650 @ 3.20GHz	3,164	\$174.99*
Intel Core i5 660 @ 3.33GHz	3,161	\$214.99*
Intel Xeon X5272 @ 3.40GHz	3,149	\$429.95**
AMD Phenom II X4 810	3,125	\$115.99**
AMD Phenom II X4 910e	3,105	\$161.86*
Intel Core i3 550 @ 3.20GHz	3,087	\$124.99*
Intel Xeon E5504 @ 2.00GHz	3,079	\$238.99*
AMD Phenom 9950 Quad-Core	3,064	\$156.99**
AMD Athlon X3 450	3,064	\$78.99**
AMD Phenom II X4 B93	3,063	NA
Intel Xeon X3220 @ 2.40GHz	3,061	\$298.95*
AMD Phenom II X4 805	3,050	\$173.99**
AMD Phenom FX-5000 Quad-Core	3,034	NA
AMD Phenom II X4 900e	3,033	NA
Intel Core i7-2617M @ 1.50GHz	3,016	NA
Intel Core2 Quad Q9000 @ 2.00GHz	3,003	\$388.49*
AMD Athlon II X4 620	2,984	\$89.00**
Intel Core2 Quad Q6600 @ 2.40GHz	2,982	\$398.95*
AMD Athlon II X3 455	2,976	\$79.64*
AMD Phenom 9850 Quad-Core	2,967	\$108.00*
Intel Core i7 640M @ 2.80GHz	2,952	NA
	2,943	

Intel Xeon E5405 @ 2.00GHz		\$289.14*
AMD Opteron 6134	2,938	\$528.00*
AMD Phenom II X4 905e	2,932	\$194.46*
AMD Athlon II X4 615e	2,915	\$145.79*
Intel Xeon E5345 @ 2.33GHz	2,904	\$798.95**
AMD Phenom II X3 740	2,904	\$88.99**
Quad-Core AMD Opteron 2356	2,891	NA
Intel Core i5 580M @ 2.67GHz	2,858	\$280.53**
Intel Core i3 540 @ 3.07GHz	2,842	\$102.00*
Intel Core i7 620M @ 2.67GHz	2,799	\$332.00**
AMD Athlon II X3 450	2,795	\$73.99*
AMD A8-3510MX APU with Radeon HD Graphics	2,791	NA
Intel Pentium G850 @ 2.90GHz	2,790	\$145.25**
AMD Phenom 9750 Quad-Core	2,787	\$109.99**
AMD Athlon II X4 610e	2,774	\$134.99*
AMD Phenom II N970 Quad-Core	2,770	NA
Intel Pentium G840 @ 2.80GHz	2,755	\$83.00**
AMD A6-3410MX APU with Radeon HD Graphics	2,754	NA
AMD Phenom II X920 Quad-Core	2,750	NA
Intel Core i5 480M @ 2.67GHz	2,749	NA
AMD Phenom II X4 B15e	2,744	NA
AMD Athlon II X3 445	2,731	\$71.67*
Intel Core i3 530 @ 2.93GHz	2,728	\$129.99*
Intel Core i5 560M @ 2.67GHz	2,693	\$234.02*
Intel Core i5-2415M @ 2.30GHz	2,691	NA
Intel Xeon X5260 @ 3.33GHz	2,684	\$851.00**
Intel Core i7-2655LE @ 2.20GHz	2,682	NA
AMD Phenom 9750B Quad-Core	2,671	NA
AMD Athlon II X4 600e	2,667	\$130.23**
Intel Xeon X3210 @ 2.13GHz	2,667	\$214.99**
AMD Athlon II X4 605e	2,660	\$139.99*
Intel Core2 Duo E8600 @ 3.33GHz	2,656	\$301.40*
AMD Athlon II X3 460	2,649	\$89.99*
AMD Phenom 9650 Quad-Core	2,648	\$110.00**
Quad-Core AMD Opteron 2380	2,640	\$391.06**
Quad-Core AMD Opteron 1356	2,633	\$211.80**
Quad-Core AMD Opteron 1352	2,631	\$135.99**
AMD Phenom II X3 720	2,610	\$74.99*
Intel Core i5 460M @ 2.53GHz	2,607	NA
AMD Athlon II X3 435	2,593	\$69.99**
AMD Athlon II X3 440	2,577	\$64.99*
AMD Phenom II X3 715	2,567	\$84.99**
Intel Xeon E5335 @ 2.00GHz	2,564	\$166.88*
Intel Core i3-2310M @ 2.10GHz	2,550	NA
AMD Phenom 9550 Quad-Core	2,544	\$99.97**
AMD Phenom II N950 Quad-Core	2,532	NA
AMD Phenom 9600B Quad-Core	2,518	\$147.19**
Quad-Core AMD Opteron 1354	2,507	\$309.97**
Intel Core i3-2330M @ 2.20GHz	2,504	NA
AMD Athlon II X4 6400e	2,497	NA
Intel Core i5-2467M @ 1.60GHz	2,495	NA
AMD Phenom II X3 B73	2,489	NA
Intel Pentium G620 @ 2.60GHz	2,487	\$72.88**
	2,478	



* - Price available from our affiliates.

** - Last seen price.

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