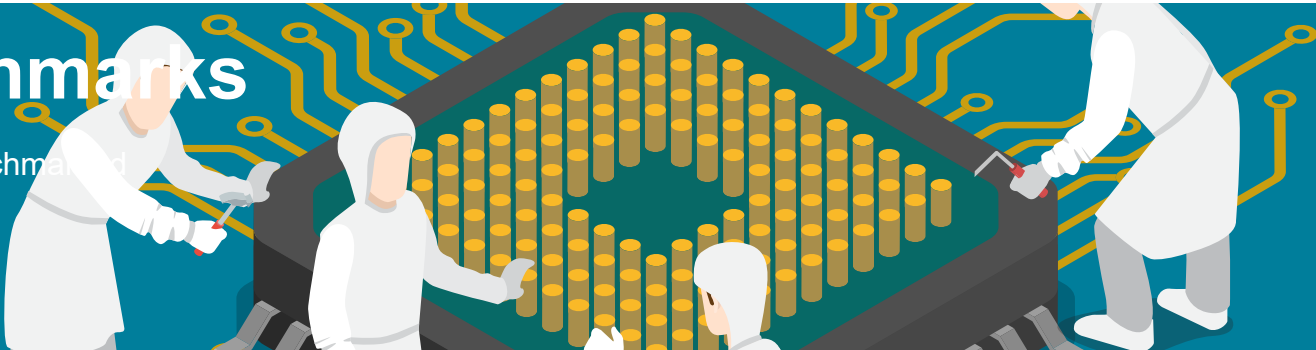


CPU Benchmarks

Over 1,000,000 CPUs benchmarked



High End CPUs - Intel vs AMD

This chart comparing high end CPUs 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/i9 CPUs, AMD Ryzen/Threadripper CPUs and AMD Epyc with multiple cores. Intel processors vs AMD chips - find out which CPUs performance is best for your new gaming rig or server!

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CPUS

High End

High Mid Range

Low Mid Range

Low End

Best Value (On Market)

Best Value XY Scatter

Best Value (All time)

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Systems with Multiple CPUs

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CPU Mark

Price Performance

PassMark - CPU Mark

High End CPUs

Updated 19th of October 2020

CPU	CPU Mark	Price (USD)
AMD Ryzen Threadripper PRO 3995WX	88,673	NA
AMD Ryzen Threadripper 3990X	80,247	\$3,989.99
AMD EPYC 7702	71,362	\$4,088.00
AMD EPYC 7742	67,185	\$4,690.00
AMD Ryzen Threadripper PRO 3975WX	65,123	NA
AMD EPYC 7702P	64,395	\$4,088.00
AMD Ryzen Threadripper 3970X	64,287	\$1,999.00
AMD Ryzen Threadripper 3960X	55,502	\$1,349.98
AMD EPYC 7452	53,478	\$2,244.99
AMD EPYC 7502P	48,021	\$2,524.77
AMD Ryzen Threadripper PRO 3955WX	42,152	NA
AMD Ryzen 9 3950X	39,270	\$709.99
AMD EPYC 7402P	39,118	\$1,411.99
Intel Xeon Gold 6248R @ 3.00GHz	38,521	\$2,770.00*
Intel Xeon Platinum 8280 @ 2.70GHz	37,575	\$10,009.00*
Intel Xeon W-3275M @ 2.50GHz	37,104	\$7,453.00*
AMD Ryzen Threadripper PRO 3945WX	34,884	NA
Intel Core i9-10980XE @ 3.00GHz	34,206	\$817.50
Intel Xeon Platinum 8168 @ 2.70GHz	33,398	\$5,890.00*
AMD Ryzen 9 3900XT	33,180	\$454.99
AMD Ryzen 9 3900X	32,860	\$429.99
AMD EPYC 7302P	32,818	\$984.32
AMD Ryzen Threadripper 2990WX	32,108	\$1,406.49
Intel Xeon W-2295 @ 3.00GHz	32,060	\$1,333.00*
Intel Core i9-9990XE @ 4.00GHz	31,941	NA
Intel Xeon W-3175X @ 3.10GHz	31,814	\$3,098.97

CPU Benchmarks

https://www.cpubenchmark.net/high_end_cpus.html

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PassMark Intel vs AMD CPU Benchmarks - High End

⌵	Intel Xeon W-1290P @ 3.70GHz		24,049	\$539.00*	
⌵	Intel Xeon Gold 6242 @ 2.80GHz		24,046	\$2,635.45*	

 CPU Benchmarks ▼

⌵	Intel Xeon E5-2679 v4 @ 2.50GHz		23,908	\$2,702.00*	
⌵	Intel Core i9-10900KF @ 3.70GHz		23,619	\$648.21	
⌵	Intel Xeon W-2175 @ 2.50GHz		23,616	\$2,098.36*	
⌵	AMD EPYC 7351		23,566	\$1,015.00	
⌵	Intel Xeon W-2195 @ 2.30GHz		23,487	\$2,701.38	
⌵	AMD Ryzen 7 3800X		23,346	\$339.99	
⌵	Intel Core i9-7920X @ 2.90GHz		23,334	\$442.50	
⌵	Intel Xeon Gold 6230 @ 2.10GHz		23,330	\$2,015.09	
⌵	Intel Xeon W-2170B @ 2.50GHz		23,300	NA	
⌵	AMD Ryzen Threadripper 1920X		23,276	\$581.77*	
⌵	Intel Xeon Platinum 8176 @ 2.10GHz		23,179	\$8,725.00*	
⌵	Intel Xeon Gold 6146 @ 3.20GHz		23,014	\$4,608.95*	
⌵	Intel Xeon Platinum 8160 @ 2.10GHz		22,996	\$4,489.00*	
⌵	Intel Core i9-10900X @ 3.70GHz		22,939	\$589.00	
⌵	Intel Core i9-10850K @ 3.60GHz		22,907	\$479.99	
⌵	Intel Xeon W-2255 @ 3.70GHz		22,841	\$778.00*	
⌵	AMD Ryzen 7 3700X		22,807	\$294.99	
⌵	Intel Xeon Gold 6140 @ 2.30GHz		22,733	\$2,863.75	
⌵	AMD EPYC 7F32		22,303	NA	
⌵	Intel Xeon Gold 6152 @ 2.10GHz		22,291	\$3,799.99	
⌵	Intel Core i9-10910 @ 3.60GHz		22,237	NA	
⌵	Intel Xeon E5-2698 v4 @ 2.20GHz		22,141	\$3,629.59*	
⌵	Intel Xeon Gold 5218 @ 2.30GHz		22,117	\$1,316.05	
⌵	Intel Xeon W-1290 @ 3.20GHz		21,882	\$494.00*	
⌵	Intel Xeon Gold 6136 @ 3.00GHz		21,835	\$2,654.82*	
⌵	Intel Xeon Gold 6130T @ 2.10GHz		21,803	\$1,988.00*	
⌵	AMD Ryzen 7 PRO 3700		21,755	NA	
⌵	Intel Core i9-9900X @ 3.50GHz		21,708	\$602.80*	
⌵	AMD Ryzen 7 4700G		21,667	NA	
⌵	AMD EPYC 7262		21,597	\$65.00	
⌵	Intel Core i9-7900X @ 3.30GHz		21,400	\$698.99*	
⌵	Intel Core i9-10900F @ 2.80GHz		21,325	\$519.99	
⌵	Intel Core i9-10900 @ 2.80GHz		21,302	\$469.00	
⌵	AMD EPYC 7281		21,230	\$716.92	
⌵	AMD Ryzen 7 PRO 4750G		21,138	\$289.00*	
⌵	Intel Xeon E5-2696 v4 @ 2.20GHz		21,031	\$3,179.00*	
⌵	Intel Xeon W-2155 @ 3.30GHz		20,887	\$1,530.39*	
⌵	AMD Ryzen Threadripper 2990X		20,885	NA	
⌵	AMD Ryzen 7 PRO 4700G		20,848	NA	
⌵	AMD EPYC 7451		20,738	\$2,229.00	
⌵	AMD Ryzen 7 4700GE		20,671	NA	
⌵	Intel Core i9-9820X @ 3.30GHz		20,634	\$536.00	
⌵	Intel Xeon W-2150B @ 3.00GHz		20,236	NA	
⌵	AMD Ryzen 7 PRO 4750GE		20,163	NA	
⌵	AMD Ryzen 9 4900HS		19,853	NA	
⌵	Intel Xeon Gold 6226 @ 2.70GHz		19,810	\$1,776.00*	
⌵	Intel Core i7-10700KF @ 3.80GHz		19,740	\$449.99	

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PassMark Intel vs AMD CPU Benchmarks - High End

	Intel Xeon W-1270 @ 3.40GHz		19,704	\$362.00*

 CPU Benchmarks

	AMD EPYC 7351P		19,589	\$1,477.00
	Intel Xeon Gold 6132 @ 2.60GHz		19,552	\$2,142.00*
	AMD Ryzen 9 4900H		19,520	NA
	Intel Core i9-9900KS @ 4.00GHz		19,484	\$1,965.00
	Intel Xeon W-2245 @ 3.90GHz		19,365	\$667.00*
	Intel Xeon Gold 6137 @ 3.90GHz		19,365	NA
	Intel Core i7-7900X @ 3.30GHz		19,358	NA
	Intel Xeon E5-2699 v3 @ 2.30GHz		19,349	\$922.68*
	AMD Ryzen 7 4800H		19,302	NA
	Intel Xeon E5-2695 v4 @ 2.10GHz		19,299	\$2,339.95*
	Intel Xeon Gold 6126 @ 2.60GHz		19,223	\$1,820.00*
	Intel Xeon E5-2698 v3 @ 2.30GHz		19,115	\$3,405.95
	AMD Ryzen 5 3600XT		19,018	\$239.99
	AMD Ryzen 7 4800HS		19,004	NA
	Intel Xeon E5-2697A v4 @ 2.60GHz		18,996	NA
	Intel Xeon E5-2676 v4 @ 2.40GHz		18,978	NA
	Intel Core i9-9900K @ 3.60GHz		18,870	\$434.00
	Intel Core i9-9900KF @ 3.60GHz		18,843	\$379.99
	Intel Xeon E5-2696 v3 @ 2.30GHz		18,774	\$2,498.00*
	Intel Xeon D-2187NT @ 2.00GHz		18,727	\$1,989.00*
	Intel Xeon Gold 6144 @ 3.50GHz		18,656	\$3,181.17*
	Intel Xeon Gold 6130 @ 2.10GHz		18,634	\$1,820.30
	Intel Xeon Silver 4216 @ 2.10GHz		18,561	\$935.30
	Intel Xeon W-2145 @ 3.70GHz		18,454	\$1,206.53*
	Intel Xeon E5-2680 v4 @ 2.40GHz		18,391	\$599.00
	Intel Xeon D-2183IT @ 2.20GHz		18,385	\$1,764.00*
	Intel Xeon E5-2697 v3 @ 2.60GHz		18,362	\$829.95
	AMD Ryzen 5 3600X		18,309	\$209.09
	AMD Ryzen 7 Extreme Edition		18,284	NA
	Intel Core i7-9800X @ 3.80GHz		18,252	\$363.27
	Intel Xeon W-1270P @ 3.80GHz		18,079	\$428.00*
	Intel Xeon E5-2683 v4 @ 2.10GHz		17,915	\$499.00*
	AMD Ryzen 5 PRO 3600		17,892	NA
	AMD Ryzen 5 3600		17,858	\$215.01
	Intel Xeon E5-2687W v4 @ 3.00GHz		17,791	\$2,174.99*
	Intel Xeon E5-2686 v3 @ 2.00GHz		17,678	NA
	Intel Xeon E5-2690 v4 @ 2.60GHz		17,678	\$534.72*
	AMD Ryzen 7 2700X		17,598	\$217.00
	Intel Core i7-7820X @ 3.60GHz		17,542	\$913.92
	Intel Xeon Gold 5120T @ 2.20GHz		17,540	\$1,727.00*
	Intel Xeon E5-2673 v4 @ 2.30GHz		17,533	\$1,950.00*
	Intel Xeon E-2288G @ 3.70GHz		17,511	\$539.00*
	Intel Xeon E5-2697 v4 @ 2.30GHz		17,482	\$2,595.00
	Intel Core i7-10700F @ 2.90GHz		17,464	\$429.99
	Intel Core i7-10700 @ 2.90GHz		17,459	\$319.99
	Intel Core i7-6950X @ 3.00GHz		17,436	\$1,029.00

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PassMark Intel vs AMD CPU Benchmarks - High End

	Intel Xeon E-2278G @ 3.40GHz		17,386	\$494.00*

🏠 CPU Benchmarks ▼

Intel Core i9-10980HK @ 2.40GHz		17,255	\$583.00*
Intel Xeon W-10885M @ 2.40GHz		17,240	\$623.00*
Intel Xeon E-2278GE @ 3.30GHz		17,210	\$494.00*
AMD Ryzen 5 4600G		17,197	NA
Intel Core i9-9900 @ 3.10GHz		17,195	\$413.96
Intel Xeon W-3223 @ 3.50GHz		17,127	\$749.00*
Intel Core i9-10900T @ 1.90GHz		16,991	\$439.00*
Intel Xeon Gold 5120 @ 2.20GHz		16,990	\$1,561.00*
AMD Ryzen 7 PRO 2700X		16,846	NA
AMD Ryzen 5 PRO 4650G		16,788	NA
Intel Xeon E5-2686 v4 @ 2.30GHz		16,745	NA
Intel Core i7-10870H @ 2.20GHz		16,719	\$417.00*
Intel Xeon E5-2689 v4 @ 3.10GHz		16,706	NA
AMD Ryzen 5 PRO 4650GE		16,682	NA
AMD EPYC 7232P		16,658	\$51.11
AMD Ryzen Threadripper 1900X		16,576	\$299.99
Intel Xeon Gold 6134 @ 3.20GHz		16,478	\$2,275.99
AMD Ryzen 5 4600GE		16,377	NA
AMD Ryzen 7 1800X		16,219	\$521.99
Intel Xeon E5-2669 v3 @ 2.30GHz		16,107	NA
Intel Core i9-10885H @ 2.40GHz		16,088	\$556.00*
Intel Xeon Gold 5215 @ 2.50GHz		16,058	\$1,273.51*
Intel Xeon E5-4669 v3 @ 2.10GHz		16,015	\$5,400.00*
Intel Xeon E5-2690 v3 @ 2.60GHz		15,984	\$289.00
AMD Ryzen 5 PRO 4400G		15,981	NA
Intel Core i7-10875H @ 2.30GHz		15,962	\$450.00*
Intel Xeon Gold 5117 @ 2.00GHz		15,816	NA
Intel Xeon Silver 4214 @ 2.20GHz		15,793	\$779.99
Intel Xeon E5-2695 v3 @ 2.30GHz		15,773	\$1,999.99*
AMD Ryzen 7 2700		15,725	\$332.79
AMD Ryzen 7 PRO 1700X		15,697	NA
AMD Ryzen 7 PRO 4750U		15,674	NA
Intel Xeon Gold 5118 @ 2.30GHz		15,591	\$1,299.00
Intel Xeon E-2286M @ 2.40GHz		15,573	\$623.00*
Intel Xeon E5-2680 v3 @ 2.50GHz		15,548	\$689.95
AMD EPYC 7251		15,542	\$400.63
AMD Ryzen 7 1700X		15,535	\$209.78
Intel Xeon E5-4667 v3 @ 2.00GHz		15,397	\$5,729.00*
Intel Core i9-9980HK @ 2.40GHz		15,316	\$583.00*
Intel Xeon Silver 4214Y @ 2.20GHz		15,248	\$768.00*
AMD Ryzen 7 PRO 2700		15,223	NA
Intel Core i9-10880H @ 2.30GHz		15,137	NA
Intel Xeon D-2166NT @ 2.00GHz		15,105	\$1,005.00*
Intel Xeon Silver 4210R @ 2.40GHz		15,098	\$552.29*
AMD Ryzen 5 4600HS		15,096	NA
Intel Xeon W-1250 @ 3.30GHz		15.077	\$255.00*

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PassMark Intel vs AMD CPU Benchmarks - High End

	Intel Core i5-10600KF @ 4.10GHz		15,015
			\$237.00*

🏠 CPU Benchmarks ▼

Intel Xeon E5-2673 v3 @ 2.40GHz		14,933	\$700.00*
Intel Xeon E5-2699A v4 @ 2.40GHz		14,917	\$4,938.00*
Intel Xeon E5-2678 v3 @ 2.50GHz		14,827	NA
Intel Xeon E5-1681 v3 @ 2.90GHz		14,820	NA
Intel Xeon Silver 4116 @ 2.10GHz		14,785	\$1,043.47
Intel Xeon E5-2687W v3 @ 3.10GHz		14,761	\$2,998.95*
Intel Core i7-9700KF @ 3.60GHz		14,725	\$319.00
Intel Core i7-8086K @ 4.00GHz		14,721	\$691.76*
AMD Ryzen 7 2700E		14,657	NA
AMD Ryzen 7 1700		14,619	\$339.85
Intel Core i5-10600K @ 4.10GHz		14,617	\$279.75
Intel Core i7-9700K @ 3.60GHz		14,608	\$289.99
Intel Xeon E5-1680 v4 @ 3.40GHz		14,481	\$5,998.95*
Intel Xeon Silver 4210 @ 2.20GHz		14,459	\$514.00
Intel Xeon Silver 4215 @ 2.50GHz		14,439	\$612.57*
AMD Ryzen 5 4600U		14,429	NA
Intel Xeon E5-2676 v3 @ 2.40GHz		14,407	NA
Intel Xeon Silver 4123 @ 3.00GHz		14,405	NA
Intel Xeon W-2135 @ 3.70GHz		14,378	\$902.48*
AMD Ryzen 7 PRO 1700		14,349	NA
Intel Xeon E5-2660 v4 @ 2.00GHz		14,342	\$855.00
AMD EPYC 3251		14,335	\$315.00*
Intel Xeon E5-2697 v2 @ 2.70GHz		14,282	\$1,989.95
Intel Xeon Gold 6128 @ 3.40GHz		14,273	\$1,700.00*
Intel Xeon E5-2696 v2 @ 2.50GHz		14,250	NA
Intel Xeon E-2246G @ 3.60GHz		14,237	\$311.00*
Intel Xeon E-2286G @ 4.00GHz		14,235	\$450.00*
Intel Xeon E5-2683 v3 @ 2.00GHz		14,200	\$327.02
Intel Xeon W-2235 @ 3.80GHz		14,198	NA
Intel Xeon E5-2658 v4 @ 2.30GHz		14,168	NA
Intel Xeon E5-2667 v4 @ 3.20GHz		14,148	\$1,909.60
Intel Core i9-9880H @ 2.30GHz		14,117	\$556.00*
AMD Ryzen 5 2600X		14,095	\$167.90
Intel Core i5-10600 @ 3.30GHz		14,075	\$254.90
Intel Xeon E-2236 @ 3.40GHz		14,019	\$289.00*
Intel Xeon E5-2670 v3 @ 2.30GHz		14,002	\$149.90
Intel Core i7-8700K @ 3.70GHz		13,889	\$344.93
Intel Xeon E-2186G @ 3.80GHz		13,883	\$508.15*
AMD Ryzen 7 4700U		13,850	NA
Intel Core i7-9700F @ 3.00GHz		13,794	\$259.99
Intel Core i9-9900T @ 2.10GHz		13,664	\$439.00*
AMD Ryzen 5 PRO 2600		13,662	NA
Intel Xeon W-10855M @ 2.80GHz		13,643	\$450.00*
Intel Core i7-9700 @ 3.00GHz		13,602	\$299.67
Intel Xeon E5-1660 v4 @ 3.20GHz		13,554	\$1,499.00
Intel Xeon E-2136 @ 3.30GHz		13,506	\$304.78

Intel Xeon E5-2658 v3 @ 2.20GHz		13,487	NA
Intel Xeon E-2176G @ 3.70GHz		13,457	\$308.78

 CPU Benchmarks

Intel Xeon E5-2695 v2 @ 2.40GHz		13,394	\$604.17*
AMD Ryzen 5 3500X		13,354	NA
Intel Xeon E-2146G @ 3.50GHz		13,324	\$345.04
Intel Core i5-10500 @ 3.10GHz		13,318	\$239.95
Intel Xeon E-2276G @ 3.80GHz		13,282	\$362.00*
Intel Xeon E5-2690 v2 @ 3.00GHz		13,253	\$449.95
Intel Core i7-10700T @ 2.00GHz		13,252	\$323.00*
Intel Core i7-10850H @ 2.70GHz		13,241	\$395.00*
Intel Xeon E5-2660 v3 @ 2.60GHz		13,227	\$376.95
AMD Ryzen 5 2600		13,224	\$139.99
Intel Xeon E5-4660 v3 @ 2.10GHz		13,191	\$4,800.00*
Intel Core i7-8700 @ 3.20GHz		13,131	\$329.98
Intel Xeon D-2143IT @ 2.20GHz		13,107	\$566.00*
AMD Ryzen 5 1600X		13,095	\$236.73
Intel Xeon E5-1680 v3 @ 3.20GHz		13,080	\$589.99*
Intel Xeon E5-2650 v4 @ 2.20GHz		13,032	\$999.00*
Intel Xeon Silver 4114 @ 2.20GHz		12,982	\$667.51
AMD Ryzen 5 PRO 4650U		12,971	NA
Intel Xeon E5-4627 v4 @ 2.60GHz		12,969	\$2,225.00*
Intel Xeon E5-2685 v3 @ 2.60GHz		12,944	NA
Intel Xeon E5-2667 v3 @ 3.20GHz		12,906	\$1,099.00
AMD Ryzen 5 3500		12,814	NA
AMD Ryzen 3 3300X		12,779	\$261.16*
Intel Core i5-10400F @ 2.90GHz		12,751	\$189.12
Intel Core i7-5960X @ 3.00GHz		12,729	\$455.00
Intel Core i7-7800X @ 3.50GHz		12,716	\$787.76*
Intel Xeon E5-2640 v4 @ 2.40GHz		12,707	\$926.54*
Intel Core i7-10750H @ 2.60GHz		12,691	NA
AMD EPYC 3201		12,677	NA
Intel Core i5-10400 @ 2.90GHz		12,675	\$179.99
Intel Xeon E5-2680 v2 @ 2.80GHz		12,615	\$349.95
Intel Xeon E5-4657L v2 @ 2.40GHz		12,495	\$1,399.00*
AMD Ryzen 5 1600		12,420	\$179.99
Intel Xeon W-2133 @ 3.60GHz		12,417	\$617.00*
Intel Xeon E5-1680 v2 @ 3.00GHz		12,334	NA
Intel Xeon E-2276M @ 2.80GHz		12,310	\$450.00*
Intel Xeon E5-2667 v2 @ 3.30GHz		12,290	\$179.99
Intel Core i7-8700B @ 3.20GHz		12,286	\$303.00*
Intel Xeon E5-1660 v3 @ 3.00GHz		12,208	\$398.95
Intel Xeon E5-2650L v3 @ 1.80GHz		12,205	\$232.22*
Intel Xeon E5-2687W v2 @ 3.40GHz		12,188	\$2,929.95*
Intel Xeon D-2141I @ 2.20GHz		12,177	\$555.00*
Intel Xeon W-2225 @ 4.10GHz		12,145	\$444.00*
Intel Xeon E5-2692 v2 @ 2.20GHz		12,119	NA
Intel Core i7-1165G7 @ 2.80GHz		12,076	\$426.00*
AMD Ryzen 5 PRO 4500U		12,049	NA
Intel Xeon E5-2618 v4 @ 2.30GHz		12,047	\$308.78

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PassMark Intel vs AMD CPU Benchmarks - High End

Intel Xeon E5-2610L v4 @ 2.20GHz		12,041	\$679.99*
Intel Xeon E-2278GE @ 2.00GHz		12,024	\$494.00*

 CPU Benchmarks

Intel Xeon E5-2675 v3 @ 1.80GHz		11,960	NA
Intel Xeon E5-2673 v2 @ 3.30GHz		11,919	NA
Intel Xeon E5-2650L v4 @ 1.70GHz		11,918	\$529.99*
Intel Xeon E-2186M @ 2.90GHz		11,835	\$623.00*
Intel Core i7-9750HF @ 2.60GHz		11,817	\$395.00*
Intel Xeon E5-2649 v3 @ 2.30GHz		11,796	NA
AMD Ryzen 3 3100		11,778	\$119.99
Intel Xeon E5-2663 v3 @ 2.80GHz		11,739	NA
AMD Ryzen 3 4300G		11,714	NA
Intel Xeon E5-2630 v4 @ 2.20GHz		11,673	\$499.00
Intel Core i7-9850H @ 2.60GHz		11,669	\$395.00*
Intel Xeon D-1577 @ 1.30GHz		11,645	\$1,176.00*
Intel Xeon E5-2648L v4 @ 1.80GHz		11,547	NA
Intel Xeon E5-2670 v2 @ 2.50GHz		11,525	\$319.95
Intel Xeon E5-4669 v4 @ 2.20GHz		11,523	NA
Intel Xeon E5-4627 v3 @ 2.60GHz		11,507	\$2,400.00*
Intel Xeon D-2146NT @ 2.30GHz		11,438	\$641.00*
AMD Ryzen 3 PRO 4350GE		11,417	NA
Intel Core i7-9750H @ 2.60GHz		11,378	\$395.00*
AMD Ryzen 3 PRO 4350G		11,337	NA
Intel Xeon E5-2643 v4 @ 3.40GHz		11,335	\$1,619.90
Intel Core i5-10600T @ 2.40GHz		11,330	\$213.00*
Intel Core i7-6850K @ 3.60GHz		11,288	\$449.00
AMD Ryzen 5 4500U		11,276	NA
Intel Xeon Silver 4208 @ 2.10GHz		11,219	\$446.45
Intel Xeon E-2126G @ 3.30GHz		11,206	\$299.99*
Intel Xeon E5-1650 v4 @ 3.60GHz		11,158	\$299.99*
Intel Xeon E5-2628L v4 @ 1.90GHz		11,079	\$1,364.00*
Intel Xeon E-2226G @ 3.40GHz		10,935	\$260.00*
Intel Core i5-9600KF @ 3.70GHz		10,898	\$203.18
Intel Core i7-9700T @ 2.00GHz		10,885	\$323.00*
Intel Core i5-9600K @ 3.70GHz		10,879	\$199.94
Intel Xeon E5-2630L v4 @ 1.80GHz		10,864	NA
Intel Core i7-8700T @ 2.40GHz		10,825	\$315.00
Intel Core i9-8950HK @ 2.90GHz		10,803	\$583.00*
Intel Xeon E5-2640 v3 @ 2.60GHz		10,798	\$1,789.78
Intel Core i5-10500T @ 2.30GHz		10,790	\$192.00*
Intel Core i5-9600 @ 3.10GHz		10,741	\$237.98
Intel Core i7-1068NG7 @ 2.30GHz		10,689	\$426.00*
Intel Core i7-1185G7 @ 3.00GHz		10,685	\$426.00*
Intel Xeon E5-4620 v3 @ 2.00GHz		10,681	\$1,668.00*
Intel Core i7-9700TE @ 1.80GHz		10,680	\$323.00*
Intel Xeon E-2176M @ 2.70GHz		10,652	\$450.00*
Intel Xeon E5-2643 v3 @ 3.40GHz		10,524	\$1,295.00
Intel Xeon E5-1660 v2 @ 3.70GHz		10,505	\$428.99

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PassMark Intel vs AMD CPU Benchmarks - High End

Intel Core i7-6800K @ 3.40GHz		10,498	\$335.44
Intel Xeon Silver 4110 @ 2.10GHz		10,453	\$439.00

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Intel Core i7-6800K @ 3.40GHz		10,498	\$335.44
AMD Ryzen 5 PRO 1600		10,401	NA
Intel Xeon E5-4640 v3 @ 1.90GHz		10,372	NA
Intel Xeon Gold 5122 @ 3.60GHz		10,362	\$1,269.99
Intel Xeon Silver 4109T @ 2.00GHz		10,348	\$501.00*
Intel Xeon E5-1650 v3 @ 3.50GHz		10,343	\$703.99
Intel Core i5-9500F @ 3.00GHz		10,284	\$226.71*
Intel Core i7-5930K @ 3.50GHz		10,281	\$289.99*
Intel Xeon E5-2658 v2 @ 2.40GHz		10,280	\$3,979.00*
Intel Xeon E5-2660 v2 @ 2.20GHz		10,275	\$89.95
Intel Core i5-8600K @ 3.60GHz		10,268	\$219.99
Intel Xeon E-2244G @ 3.80GHz		10,255	\$272.00*
Intel Xeon W-2125 @ 4.00GHz		10,214	\$474.74*
Intel Core i7-8750H @ 2.20GHz		10,204	\$395.00*
AMD Ryzen 3 PRO 4450U		10,078	NA
Intel Core i7-10710U @ 1.10GHz		10,063	\$589.98
Intel Xeon E-2274G @ 4.00GHz		10,035	\$334.00*
Intel Xeon E5-2690 @ 2.90GHz		10,027	\$178.63
Intel Xeon E5-2650 v2 @ 2.60GHz		10,004	\$179.95
Intel Xeon E5-2628L v3 @ 2.00GHz		9,949	NA
Intel Core i5-9500 @ 3.00GHz		9,943	\$198.89
Intel Core i7-7740X @ 4.30GHz		9,940	\$249.95
Intel Core i5-1038NG7 @ 2.00GHz		9,907	\$320.00*
Intel Xeon E5-2618L v3 @ 2.30GHz		9,899	\$1,029.95*
Intel Xeon E5-2648L v3 @ 1.80GHz		9,847	\$1,560.86*
Intel Xeon E5-2689 @ 2.60GHz		9,813	NA
Intel Core i5-8600 @ 3.10GHz		9,795	\$237.95
Intel Core i7-5820K @ 3.30GHz		9,756	\$199.99*
Intel Core i7-4960X @ 3.60GHz		9,740	\$769.99*
Intel Xeon E5-2630 v3 @ 2.40GHz		9,739	\$198.99
AMD Ryzen 5 PRO 1500		9,739	NA
Intel Core i7-7700K @ 4.20GHz		9,734	\$449.98
AMD Ryzen 5 3350GE		9,684	NA
AMD Ryzen 5 2500X		9,671	NA
AMD Ryzen 5 PRO 3350GE		9,643	NA
Intel Xeon E-2144G @ 3.60GHz		9,597	\$304.32
Intel Core i5-9400F @ 2.90GHz		9,593	\$139.99
AMD Ryzen 5 PRO 3350G		9,582	NA
Intel Xeon E5-4627 v2 @ 3.30GHz		9,579	\$78.84*
Intel Core i5-9400 @ 2.90GHz		9,558	\$164.99
AMD Ryzen 5 PRO 3400G		9,549	NA
Intel Xeon D-1541 @ 2.10GHz		9,544	NA
Intel Core i5-8500B @ 3.00GHz		9,538	\$192.00*
Intel Xeon E-2174G @ 3.80GHz		9,502	\$405.99
Intel Core i5-8500 @ 3.00GHz		9,472	\$294.53
Intel Xeon E-2234 @ 3.60GHz		9,450	\$250.00*

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AMD Ryzen 5 3400G		9,429	\$139.99
Intel Xeon Gold 5222 @ 3.80GHz		9,428	\$1,334.10*

 CPU Benchmarks

Intel Xeon E5-2680 v2 @ 2.60GHz		9,427	\$1,334.10*
Intel Core i3-10300 @ 3.70GHz		9,322	\$190.99
Intel Xeon Silver 4108 @ 1.80GHz		9,293	\$439.99
Intel Xeon E3-1285 v6 @ 4.10GHz		9,276	\$484.56
Intel Xeon E5-2680 @ 2.70GHz		9,267	\$105.30
Intel Core i7-8569U @ 2.80GHz		9,251	\$431.00*
Intel Xeon D-1567 @ 2.10GHz		9,236	NA
Intel Xeon D-1587 @ 1.70GHz		9,223	NA
Intel Core i5-9500TE @ 2.20GHz		9,212	\$192.00*
Intel Core i7-4930K @ 3.40GHz		9,211	\$399.00*
Intel Core i5-8400 @ 2.80GHz		9,205	\$192.50
Intel Core i7-10810U @ 1.10GHz		9,186	\$443.00*
AMD Opteron 6348		9,151	\$614.98*
Intel Core i7-9850HL @ 1.90GHz		9,112	\$395.00*
Intel Xeon E5-2670 @ 2.60GHz		9,077	\$201.55
Intel Xeon D-1548 @ 2.00GHz		9,075	\$555.00*
AMD Ryzen 5 1500X		9,071	\$430.86
Intel Xeon E5-2470 v2 @ 2.40GHz		9,066	\$522.99*
Intel Xeon E5-2629 v3 @ 2.40GHz		9,062	NA
Intel Xeon E5-4648 v3 @ 1.70GHz		9,061	NA
Intel Xeon E3-1280 v6 @ 3.90GHz		9,058	\$420.22
Intel Xeon E5-2651 v2 @ 1.80GHz		9,030	NA
Intel Xeon E5-1650 v2 @ 3.50GHz		9,006	\$630.00
Intel Core i7-1065G7 @ 1.30GHz		9,005	\$426.00*
Intel Core i5-8600T @ 2.30GHz		8,946	\$366.99*
Intel Core i7-6700K @ 4.00GHz		8,944	\$285.99
Intel Core i5-10400H @ 2.60GHz		8,936	\$250.00*
Intel Core i5-10300H @ 2.50GHz		8,922	\$250.00*
Intel Xeon E5-2687W @ 3.10GHz		8,914	\$559.95*
Intel Core i3-10100 @ 3.60GHz		8,899	\$114.95
Intel Core i7-8559U @ 2.70GHz		8,892	\$601.43
Intel Xeon E3-1270 v6 @ 3.80GHz		8,883	\$339.99
Intel Core i5-3170K @ 3.20GHz		8,882	NA
Intel Xeon W-2223 @ 3.60GHz		8,794	\$337.52
Intel Xeon E5-2643 v2 @ 3.50GHz		8,790	\$223.00
Intel Core i7-8809G @ 3.10GHz		8,784	NA
Intel Xeon E3-1275 v6 @ 3.80GHz		8,778	\$361.22
AMD Ryzen 5 2400G		8,761	\$267.00
Intel Xeon E-2134 @ 3.50GHz		8,744	\$272.50
Intel Xeon E3-1240 v6 @ 3.70GHz		8,713	\$297.44
Intel Xeon E5-2620 v4 @ 2.10GHz		8,699	\$342.95
Intel Core i7-7700 @ 3.60GHz		8,665	\$338.88
Intel Core i7-3960X @ 3.30GHz		8,624	\$629.99*
Intel Xeon E5-2648L v2 @ 1.90GHz		8,611	\$1,479.00*
Intel Xeon W-2123 @ 3.60GHz		8,593	\$324.99
AMD Ryzen 5 3400GE		8,565	NA
Intel Xeon E5-2665 @ 2.40GHz		8,544	\$449.95*

Intel Core i7-3970X @ 3.50GHz		8,460	\$689.99*
Intel Xeon E3-1245 v5 @ 3.70GHz		8,455	\$300.00

 CPU Benchmarks

AMD Ryzen 7 3750H		8,431	NA
Intel Xeon E3-1270 v5 @ 3.60GHz		8,431	\$918.00
Intel Xeon E3-1585 v5 @ 3.50GHz		8,408	\$556.00*
Intel Xeon E5-4650 @ 2.70GHz		8,389	\$950.00*
Intel Core i5-1135G7 @ 2.40GHz		8,357	\$309.00*
Intel Core i3-10300T @ 3.00GHz		8,355	\$143.00*
AMD Ryzen 5 PRO 2400G		8,334	NA
Intel Xeon E5-2630L v3 @ 1.80GHz		8,318	\$469.90
Intel Xeon E3-1275 v5 @ 3.60GHz		8,314	\$360.00*
Intel Xeon E5-1660 @ 3.30GHz		8,302	\$150.99
Intel Xeon E3-1535M v6 @ 3.10GHz		8,281	\$623.00*
Intel Core i5-8259U @ 2.30GHz		8,273	\$599.99
Intel Core i5-1035G4 @ 1.10GHz		8,242	\$309.00*
Intel Core i5-8257U @ 1.40GHz		8,227	\$320.00*
AMD Ryzen 5 PRO 3400GE		8,215	NA
Intel Xeon E3-1240 v5 @ 3.50GHz		8,203	\$920.00
Intel Core i5-9400H @ 2.50GHz		8,195	\$250.00*
Intel Xeon E5-4650L @ 2.60GHz		8,167	\$58.63*
Intel Xeon E3-1230 v6 @ 3.50GHz		8,167	\$259.99
AMD Ryzen 5 3550H		8,160	NA
Intel Xeon E5-1650 @ 3.20GHz		8,152	\$89.00
Intel Core i5-9500T @ 2.20GHz		8,148	\$192.00*
Intel Core i5-8400H @ 2.50GHz		8,146	\$250.00*
Intel Core i7-3930K @ 3.20GHz		8,139	\$499.95
Intel Core i7-8706G @ 3.10GHz		8,136	NA
AMD Ryzen Embedded V1756B		8,133	NA
Intel Xeon E5-2660 @ 2.20GHz		8,123	\$98.95
Intel Xeon E3-1245 v5 @ 3.50GHz		8,120	\$345.31*
Intel Xeon E3-1575M v5 @ 3.00GHz		8,104	\$1,207.00*
AMD Ryzen Embedded V1807B		8,095	NA
Intel Xeon Silver 4112 @ 2.60GHz		8,082	\$523.37
AMD Ryzen 5 3580U		8,065	NA
Intel Core i7-4790K @ 4.00GHz		8,063	\$249.88
Intel Xeon E3-1280 v5 @ 3.70GHz		8,048	\$395.00*
Intel Core i7-6700 @ 3.40GHz		8,047	\$298.98
Intel Xeon E5-2470 @ 2.30GHz		8,041	\$69.99*
Intel Xeon E3-1585L v5 @ 3.00GHz		8,021	\$445.00*
Intel Core i7-8705G @ 3.10GHz		7,996	\$1,535.11*
Intel Xeon E3-1285L v4 @ 3.40GHz		7,996	NA
Intel Xeon E5-2637 v3 @ 3.50GHz		7,995	\$1,099.00
Intel Core i5-1035G1 @ 1.00GHz		7,994	\$297.00*
Intel Core i5-9300H @ 2.40GHz		7,993	\$250.00*
Intel Xeon D-1531 @ 2.20GHz		7,967	\$348.00*
Intel Xeon E-2124G @ 3.40GHz		7,948	\$233.58
Intel Xeon E5-2620 v3 @ 2.40GHz		7,930	\$149.89
Intel Core i7-8709G @ 3.10GHz		7,921	NA

	Intel Xeon E3-1515M v5 @ 2.80GHz		7,918	NA

 CPU Benchmarks

	Intel Core i5-8500T @ 2.10GHz		7,899	\$217.98*
	AMD Ryzen 5 1400		7,898	\$318.84
	Intel Core i7-7820HK @ 2.90GHz		7,895	\$378.00*
	Intel Xeon E5-2640 v2 @ 2.00GHz		7,888	\$194.95
	AMD Ryzen 3 2300X		7,863	\$178.09*
	Intel Core i7-5775C @ 3.30GHz		7,844	\$686.32*
	Intel Core i7-8557U @ 1.70GHz		7,820	\$431.00*
	Intel Core i7-5775R @ 3.30GHz		7,819	NA
	Intel Core i5-9400T @ 1.80GHz		7,815	\$182.00*
	Intel Core i7-7700T @ 2.90GHz		7,814	\$389.97*
	Intel Xeon E3-1260L v5 @ 2.90GHz		7,800	\$736.16*
	Intel Core i5-9300HF @ 2.40GHz		7,799	\$250.00*
	Intel Core i3-9350K @ 4.00GHz		7,797	\$184.00*
	Intel Xeon E3-1545M v5 @ 2.90GHz		7,757	NA
	AMD Ryzen 3 4300U		7,756	NA
	Intel Xeon D-2123IT @ 2.20GHz		7,731	\$213.00*
	Intel Core i7-5950HQ @ 2.90GHz		7,728	NA
	AMD Ryzen 3 PRO 1300		7,717	NA
	AMD Ryzen 5 PRO 2400GE		7,709	NA
	AMD Athlon Gold PRO 3150G		7,702	NA
	Intel Core i7-7920HQ @ 3.10GHz		7,694	\$568.00*
	Intel Xeon E3-1230 v5 @ 3.40GHz		7,690	\$341.53*
	Intel Xeon E3-1270L v4 @ 3.00GHz		7,662	NA
	AMD Ryzen 7 2800H		7,656	NA
	AMD Ryzen 3 3200GE		7,631	NA
	Intel Core i5-8260U @ 1.60GHz		7,630	\$297.00*
	AMD Ryzen 5 2400GE		7,619	NA
	Intel Core i3-10100T @ 3.00GHz		7,589	\$122.00*
	AMD Athlon Gold PRO 3150GE		7,578	NA
	Intel Xeon E5-1630 v4 @ 3.70GHz		7,560	NA
	Intel Xeon E-2224 @ 3.40GHz		7,539	\$229.99*
	AMD Ryzen 5 2600H		7,537	NA
	Intel Xeon E3-1285 v4 @ 3.50GHz		7,533	NA
	AMD Ryzen 5 3550U		7,511	NA
	Intel Core i5-8300H @ 2.30GHz		7,501	\$250.00*
	Intel Xeon E-2224G @ 3.50GHz		7,489	\$240.99
	Intel Xeon E5-2650L v2 @ 1.70GHz		7,475	\$197.29*
	Intel Xeon E5-1630 v3 @ 3.70GHz		7,472	\$184.99*
	Intel Xeon E5-2630 v2 @ 2.60GHz		7,460	\$39.00
	Intel Xeon E3-1281 v3 @ 3.70GHz		7,430	\$546.25
	Intel Core i5-8400T @ 1.70GHz		7,418	\$188.78
	Intel Xeon E3-1286 v3 @ 3.70GHz		7,418	\$839.00*
	Intel Xeon E5-2667 @ 2.90GHz		7,393	\$40.38*
	Intel Xeon E3-1535M v5 @ 2.90GHz		7,386	\$623.00*
	AMD Rvzen 7 PRO 3700U		7,383	NA

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	Intel Xeon E5-2623 v3 @ 3.00GHz		7,382	\$69.28*

🏠 CPU Benchmarks ▼

Intel Xeon @ 2.00GHz		7,363	NA
Intel Core i3-9320 @ 3.70GHz		7,358	\$162.00*
AMD Ryzen 7 3700U		7,343	NA
Intel Core i7-6770HQ @ 2.60GHz		7,338	\$679.99
Intel Xeon E5-1620 v4 @ 3.50GHz		7,322	\$469.95
Intel Xeon E5-2430 v2 @ 2.50GHz		7,319	\$594.03*
Intel Xeon E5-4640 @ 2.40GHz		7,308	\$2,730.00*
Intel Core i7-6920HQ @ 2.90GHz		7,307	\$568.00*
Intel Core i7-990X @ 3.47GHz		7,298	\$290.00*
Intel Xeon E5-2650 @ 2.00GHz		7,289	\$39.99
AMD Opteron 6281		7,279	NA
Intel Core i3-9300 @ 3.70GHz		7,267	\$189.99*
Intel Core i7-6700T @ 2.80GHz		7,264	\$299.78
AMD Ryzen 3 3200G		7,250	\$99.99
Intel Core i7-7820HQ @ 2.90GHz		7,247	\$378.00*
Intel Xeon E3-1285 v3 @ 3.60GHz		7,240	NA
AMD Ryzen 7 PRO 2700U		7,240	NA
Intel Xeon E3-1276 v3 @ 3.60GHz		7,235	\$1,017.00
Intel Xeon E5-4610 v3 @ 1.70GHz		7,229	\$1,219.00*
Intel Xeon X5679 @ 3.20GHz		7,228	NA
Intel Core i7-4790 @ 3.60GHz		7,214	\$282.50
AMD Ryzen 7 3780U		7,203	NA
Intel Xeon W3690 @ 3.47GHz		7,198	\$184.02
Intel Xeon E5-2628L v2 @ 1.90GHz		7,181	NA
Intel Xeon D-1537 @ 1.70GHz		7,176	\$571.00*
Intel Xeon D-1539 @ 1.60GHz		7,175	\$486.00*
Intel Xeon E3-1246 v3 @ 3.50GHz		7,167	\$751.00
Intel Xeon E5-2623 v4 @ 2.60GHz		7,162	\$549.00*
AMD Ryzen 5 3500U		7,152	NA
Intel Xeon E3-1270 v3 @ 3.50GHz		7,131	\$585.00
Intel Xeon D-1557 @ 1.50GHz		7,118	\$694.00*
AMD Ryzen 3 PRO 3200GE		7,113	NA
Intel Xeon E3-1505M v5 @ 2.80GHz		7,084	NA
Intel Core i7-995X @ 3.60GHz		7,079	NA
AMD Ryzen 3 PRO 3200G		7,076	NA
Intel Core i5-8305G @ 2.80GHz		7,073	NA
Intel Core i7-10510U @ 1.80GHz		7,073	\$409.00*
Intel Core i7-6820HK @ 2.70GHz		7,067	\$378.00*
AMD Opteron 6380		7,061	\$998.99*
Intel Core i7-7820EQ @ 3.00GHz		7,059	\$378.00*
Intel Core i7-5850EQ @ 2.70GHz		7,036	\$435.00*
Intel Xeon E3-1241 v3 @ 3.50GHz		7,032	\$793.00
Intel Core i7-4770K @ 3.50GHz		7,030	\$310.98*
Intel Core i3-8350K @ 4.00GHz		7,027	\$198.75*
Intel Xeon E3-1231 v3 @ 3.40GHz		7,025	\$499.95
Intel Xeon E3-1245 v3 @ 3.40GHz		7,024	\$299.00

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	Intel Core i7-4770 @ 3.40GHz		7,023	\$354.98

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	AMD Opteron 6386 SE		7,017	\$135.09*
	Intel Xeon W3680 @ 3.33GHz		7,015	\$141.04
	Intel Xeon E-2124 @ 3.30GHz		7,014	\$212.05
	Intel Core i7-4771 @ 3.50GHz		6,999	\$229.01*
	Intel Core i7-4790S @ 3.20GHz		6,998	\$492.99
	Intel Xeon E5-4607 v2 @ 2.60GHz		6,986	NA
	Intel Xeon E3-1240 v3 @ 3.40GHz		6,982	\$999.00*
	Intel Xeon D-1540 @ 2.00GHz		6,982	NA
	Intel Core i7-7700HQ @ 2.80GHz		6,975	\$378.00*
	AMD Ryzen 5 PRO 3500U		6,929	NA
	Intel Xeon E5-2440 v2 @ 1.90GHz		6,927	\$44.00*
	AMD Opteron 6287 SE		6,925	NA
	Intel Core i7-6820EQ @ 2.80GHz		6,924	NA
	Intel Core i7-980 @ 3.33GHz		6,922	\$199.98*
	Intel Core i7-6820HQ @ 2.70GHz		6,903	NA
	Intel Xeon E5-2450 @ 2.10GHz		6,886	\$69.99*
	Intel Core i5-7600K @ 3.80GHz		6,877	\$289.88
	Intel Core i7-5850HQ @ 2.70GHz		6,866	\$434.00*
	Intel Xeon X5680 @ 3.33GHz		6,859	\$147.98*
	Intel Core i7-4980HQ @ 2.80GHz		6,836	NA
	Intel Core i5-10310U @ 1.70GHz		6,834	\$297.00*
	Intel Xeon E5-4620 @ 2.20GHz		6,830	\$134.21*
	Intel Core i3-8100B @ 3.60GHz		6,829	\$133.00*
	Intel Xeon E3-1280 v3 @ 3.60GHz		6,829	\$249.00
	Intel Core i3-9100F @ 3.60GHz		6,825	\$71.88
	AMD Ryzen Embedded V1605B		6,812	NA
	Intel Xeon D-1528 @ 1.90GHz		6,806	NA
	Intel Core i7-4770S @ 3.10GHz		6,805	\$900.00*
	Intel Xeon E3-1285L v3 @ 3.10GHz		6,800	\$898.50
	Intel Xeon X5690 @ 3.47GHz		6,800	\$400.63
	Intel Xeon E3-1230 v3 @ 3.30GHz		6,789	\$517.50
	Intel Xeon E3-1505M v6 @ 3.00GHz		6,789	NA
	Intel Xeon E5-2448L v2 @ 1.80GHz		6,774	\$1,424.00*
	Intel Core i7-4930MX @ 3.00GHz		6,765	\$1,096.00*
	Intel Core i7-4940MX @ 3.10GHz		6,762	\$699.95*
	Intel Core i7-970 @ 3.20GHz		6,759	\$463.28
	Intel Core i7-980X @ 3.33GHz		6,757	\$1,099.95
	AMD Ryzen 3 2200G		6,747	\$189.03
	Intel Core i3-9100 @ 3.60GHz		6,735	\$109.99
	AMD FX-9590 Eight-Core		6,722	\$449.95
	AMD Ryzen 3 PRO 2200G		6,717	NA
	Intel Core i7-4770R @ 3.20GHz		6,666	NA
	Intel Xeon E5-2637 v2 @ 3.50GHz		6,664	\$49.99
	AMD Ryzen 5 2500U		6,640	NA
	Intel Core i7-4960HQ @ 2.60GHz		6,638	\$623.00*

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Intel Core i7-8665U @ 1.90GHz		6,637	\$679.30
AMD Ryzen 7 2700U		6,602	NA

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Intel Core i7-6700TE @ 2.40GHz		6,600	NA
Intel Core i5-7600 @ 3.50GHz		6,595	\$169.99
Intel Xeon Platinum 8151 @ 3.40GHz		6,591	NA
Intel Core i7-8665UE @ 1.70GHz		6,587	\$409.00*
Intel Xeon E3-1270 V2 @ 3.50GHz		6,587	\$269.00
Intel Core i7-8650U @ 1.90GHz		6,576	\$1,049.00*
Intel Xeon E5-1428L v2 @ 2.20GHz		6,566	\$28.00
Intel Xeon E3-1290 V2 @ 3.70GHz		6,551	\$885.00*
Intel Xeon E5-1620 v2 @ 3.70GHz		6,540	\$47.00*
Intel Core i7-4820K @ 3.70GHz		6,536	\$299.97*
Intel Xeon Bronze 3106 @ 1.70GHz		6,532	\$284.96
Intel Core i5-10210U @ 1.60GHz		6,528	\$499.95
Intel Core i7-4790T @ 2.70GHz		6,519	\$219.88
Intel Xeon W3670 @ 3.20GHz		6,516	\$499.99*
Intel Xeon E3-1280 V2 @ 3.60GHz		6,508	\$525.00
AMD Ryzen 5 PRO 2500U		6,502	NA
Intel Xeon E3-1265L v4 @ 2.30GHz		6,493	NA
Intel Core i7-6700HQ @ 2.60GHz		6,492	\$378.00*
Intel Core i7-8565U @ 1.80GHz		6,476	NA
Intel Core i5-7640X @ 4.00GHz		6,467	\$245.00
Intel Core i7-3770K @ 3.50GHz		6,465	\$209.78
Intel Xeon E5-4610 @ 2.40GHz		6,460	\$1,223.00*
Intel Core i5-8350U @ 1.70GHz		6,457	\$297.00*
Intel Xeon E3-1286L v3 @ 3.20GHz		6,450	\$774.00*
AMD Ryzen 3 PRO 2200GE		6,433	NA
Intel Xeon E5-2420 v2 @ 2.20GHz		6,424	\$36.99
Intel Xeon E5-2608L v3 @ 2.00GHz		6,415	\$441.00*
Intel Xeon X5675 @ 3.07GHz		6,415	\$78.50
Intel Core i5-8365U @ 1.60GHz		6,391	\$664.95
AMD Opteron 6282 SE		6,385	\$630.10*
Intel Core i7-4860HQ @ 2.40GHz		6,382	NA
AMD Ryzen 3 PRO 1200		6,376	NA
Intel Core i7-4870HQ @ 2.50GHz		6,375	NA
Intel Core i3-9300T @ 3.20GHz		6,367	\$143.00*
Intel Core i7-3770 @ 3.40GHz		6,364	\$172.00
Intel Xeon W-2104 @ 3.20GHz		6,362	\$255.00*
AMD Ryzen 3 1200		6,341	\$178.91
Intel Xeon E5-2630L v2 @ 2.40GHz		6,337	\$175.95*
Intel Xeon E3-1275 v3 @ 3.50GHz		6,335	\$169.99
Intel Xeon E-2254ML @ 1.70GHz		6,333	NA
Intel Core i3-8300 @ 3.70GHz		6,317	\$151.15
Intel Xeon E3-1240 V2 @ 3.40GHz		6,314	\$345.00
Intel Xeon E5-1607 v4 @ 3.10GHz		6,308	NA
Intel Core i7-4760HQ @ 2.10GHz		6,300	NA

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PassMark Intel vs AMD CPU Benchmarks - High End

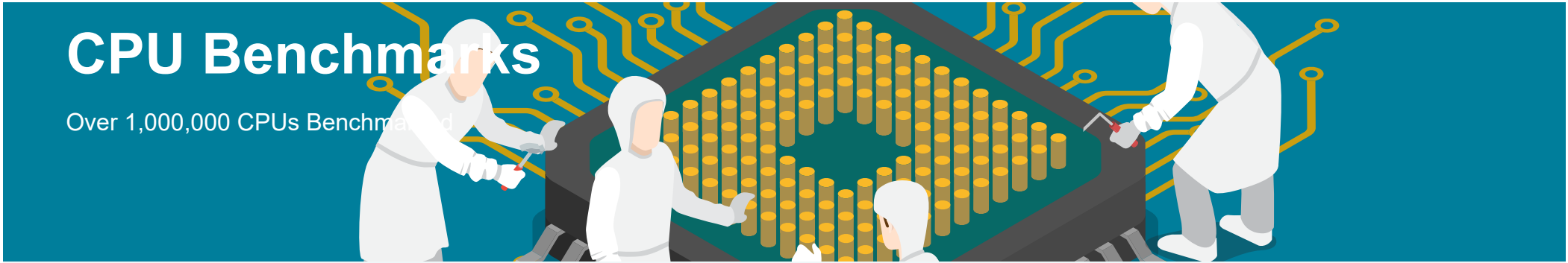
Intel Xeon E5-4617 @ 2.90GHz	6,298	\$43.96*
Intel Xeon E3-1225 v6 @ 3.30GHz	6,296	\$234.99

Home

CPU Benchmarks

Intel Xeon E3-1275 V2 @ 3.50GHz	6,260	\$422.78*
Intel Xeon E5-2640 @ 2.50GHz	6,257	\$89.95
Intel Xeon E5-2620 v2 @ 2.10GHz	6,241	\$168.32
Intel Core i7-3770S @ 3.10GHz	6,235	\$369.88
Intel Core i7-1060NG7 @ 1.20GHz	6,234	NA
Intel Core i5-8265U @ 1.60GHz	6,234	\$749.00
Intel Xeon E3-1230 V2 @ 3.30GHz	6,231	\$298.50
Intel Xeon E-2104G @ 3.20GHz	6,215	\$193.00*
Intel Xeon X5660 @ 2.80GHz	6,209	\$93.02
Intel Core i7-4850HQ @ 2.30GHz	6,198	\$434.00*
Intel Core i7-8565UC @ 1.80GHz	6,187	NA
Intel Core i7-4910MQ @ 2.90GHz	6,185	\$459.95*
AMD Opteron 6276	6,183	\$162.00
Intel Xeon X5670 @ 2.93GHz	6,182	\$29.99
Intel Core i7-4810MQ @ 2.80GHz	6,175	\$177.01*
AMD FX-8370 Eight-Core	6,161	\$242.00*
Intel Core i7-4770HQ @ 2.20GHz	6,158	NA
Intel Core i3-8100 @ 3.60GHz	6,154	\$123.97
Intel Core i5-7500 @ 3.40GHz	6,130	\$223.39
Intel Xeon E5-2630 @ 2.30GHz	6,127	\$60.91*
Intel Xeon E5-2637 v4 @ 3.50GHz	6,113	\$1,096.99
Intel Xeon E3-1245 V2 @ 3.40GHz	6,097	\$367.50
Intel Core i7-5675C @ 3.10GHz	6,089	NA
Intel Xeon E3-1505L v6 @ 2.20GHz	6,088	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	6,081	\$19.20
Intel Xeon E5-2658 @ 2.10GHz	6,073	\$1,462.00*
AMD Opteron 6344	6,069	\$394.98*
Intel Core i5-8250U @ 1.60GHz	6,063	NA
Intel Xeon E3-1220 v6 @ 3.00GHz	6,048	\$214.99
Intel Core i5-6600 @ 3.30GHz	6,042	\$262.13*
Intel Xeon E5-2440 @ 2.40GHz	6,040	\$741.00*
Intel Core i7-4900MQ @ 2.80GHz	6,039	\$586.67*
Intel Xeon E3-1265L v3 @ 2.50GHz	6,019	\$699.95
AMD Ryzen 3 PRO 3300U	6,007	NA

Software	Hardware	Benchmarks	About Us	Services	International
BurnInTest	USB3.0 Loopback Plugs	CPU Benchmarks	Company	Store	Disclaimer
PerformanceTest	USB2.0 Loopback Plugs	Video Card Benchmarks	Contact Us	Support	Refunds
OSForensics	PCIe Test Cards	Hard Drive Benchmarks	The Press Room	Forums	Privacy
MemTest86					



High Mid Range CPUs

This chart comparing mid range CPUs is made using thousands of [PerformanceTest](#) benchmark results and is updated daily. Intel CPUs in this chart include the slower Intel Core2 Duo CPUs, Intel Xeon CPUs and Intel Celeron CPUs. AMD CPUs typically in this chart include AMD Mobile CPUs, AMD Turion IIs, AMD Opteron Dual Core CPUs, and AMD Athlon Dual-Core CPUs.

 **CPUS**

 High End

[High Mid Range](#)

Low Mid Range

Low End

 Best Value (On Market)

Best Value XY Scatter

Best Value (All time)

 New Desktop

New Laptop

 Single Thread

Systems with Multiple CPUs

Overclocked

Power Performance

CPU Mark by Socket Type

Cross-Platform CPU Performance

 CPU Mega List

Search Model

 Compare 0

 Common

Most Benchmarked

CPU Mark

Price Performance

PassMark - CPU Mark

High Mid Range CPUs

Updated 19th of October 2020

CPU	CPU Mark	Price (USD)
 Intel Core i7-3840QM @ 2.80GHz	5,999	\$399.00*
 Intel Core i7-8550U @ 1.80GHz	5,994	NA
 Intel Core i5-8265UC @ 1.60GHz	5,988	NA
 Intel Xeon E5-2609 v4 @ 1.70GHz	5,974	\$359.73*
 Intel Core i7-4770T @ 2.50GHz	5,957	\$399.99*
 Intel Core i7-3920XM @ 2.90GHz	5,953	\$1,096.00*
 Intel Core i7-5700HQ @ 2.70GHz	5,951	NA
 Intel Xeon E3-1275L v3 @ 2.70GHz	5,949	NA
 Intel Core i5-5675C @ 3.10GHz	5,932	\$309.95*
 Intel Core i5-5675R @ 3.10GHz	5,931	NA
 Intel Xeon D-1521 @ 2.40GHz	5,931	NA
 Intel Xeon E5-2650L @ 1.80GHz	5,929	\$209.95
 AMD FX-8350 Eight-Core	5,924	\$248.53
 AMD FX-9370 Eight-Core	5,921	\$558.00
 Intel Core i7-4800MQ @ 2.70GHz	5,915	\$194.10*
 Intel Core i7-5700EQ @ 2.60GHz	5,905	NA
 AMD Opteron 6378	5,889	\$99.99*
 AMD Ryzen 3 3300U	5,886	NA
 Intel Xeon E5-1620 @ 3.60GHz	5,881	\$320.00
 Intel Xeon E3-1240L v5 @ 2.10GHz	5,880	\$278.00*
 Intel Xeon X5650 @ 2.67GHz	5,872	\$43.08
 AMD Ryzen 3 PRO 2300U	5,868	NA
 Intel Core i7-3820 @ 3.60GHz	5,867	\$299.99*
 Intel Xeon E3-1225 v5 @ 3.30GHz	5,863	\$278.57
 Intel Core i5-7600T @ 2.80GHz	5,858	\$280.55*
 Intel Core i7-4710MQ @ 2.50GHz	5,846	\$271.57*
 Intel Core i3-8300T @ 3.20GHz	5,827	\$155.20*
 Intel Core i7-3940XM @ 3.00GHz	5,797	\$609.95*

AMD vs Intel
Market Share

CPU Benchmarks

AMD Opteron 4274 HE		5,776	\$39.99*
Intel Xeon E3-1205 v6 @ 3.00GHz		5,682	\$193.00*
Intel Core i5-6402P @ 2.80GHz		5,657	\$189.99*
Intel Core i5-6500 @ 3.20GHz		5,655	\$199.98*
Intel Xeon D-1559 @ 1.50GHz		5,647	NA
Intel Core i7-4720HQ @ 2.60GHz		5,643	NA
Intel Core i7-3720QM @ 2.60GHz		5,627	\$363.00*
AMD Opteron 6238		5,625	\$349.89*
Intel Core i7-3820QM @ 2.70GHz		5,625	\$285.00*
Intel Core i7-4722HQ @ 2.40GHz		5,620	NA
Intel Core i5-4690 @ 3.50GHz		5,606	\$205.98
Intel Core i3-9100T @ 3.10GHz		5,574	\$122.00*
Intel Xeon W-2102 @ 2.90GHz		5,574	\$286.99*
AMD Opteron 6376		5,572	\$298.89*
Intel Core i5-4690K @ 3.50GHz		5,563	\$222.88
Intel Xeon E5-2643 @ 3.30GHz		5,562	\$2,360.00
Intel Core i5-6600T @ 2.70GHz		5,561	\$299.95*
Intel Core i5-7440HQ @ 2.80GHz		5,553	NA
Intel Core i5-5575R @ 2.80GHz		5,550	NA
Intel Xeon E5-2450L @ 1.80GHz		5,538	\$39.99*
Intel Core i7-10510Y @ 1.20GHz		5,523	\$403.00*
Intel Core i5-4670K @ 3.40GHz		5,514	\$399.95*
Intel Core i7-3770T @ 2.50GHz		5,511	\$329.99*
Intel Core i5-7400 @ 3.00GHz		5,503	\$169.99
AMD Ryzen Embedded V1404I		5,491	NA
Intel Xeon E3-1280 @ 3.50GHz		5,490	\$358.00
Intel Xeon E5-2630L @ 2.00GHz		5,476	NA
Intel Core i7-2700K @ 3.50GHz		5,471	\$223.00
Intel Core i7-4710HQ @ 2.50GHz		5,467	\$378.00*
Intel Core i5-4670 @ 3.40GHz		5,467	\$313.56*
Intel Core i7-4750HQ @ 2.00GHz		5,461	NA
Intel Core i7-4700HQ @ 2.40GHz		5,458	\$383.00*
Intel Core i5-760S @ 2.53GHz		5,440	NA
Intel Core i7-2600K @ 3.40GHz		5,429	\$327.04
Intel Xeon E3-1275 @ 3.40GHz		5,405	\$294.00*
Intel Xeon X5687 @ 3.60GHz		5,387	\$149.95
Intel Core i5-7500T @ 2.70GHz		5,383	\$631.00*
Intel Core i7-4702HQ @ 2.20GHz		5,382	NA
Intel Core i5-6440EQ @ 2.70GHz		5,368	NA
Intel Xeon E3-1226 v3 @ 3.30GHz		5,359	\$595.00*
AMD Ryzen 3 2300U		5,345	NA
Intel Core i5-4670R @ 3.00GHz		5,335	\$276.00*
AMD FX-8320 Eight-Core		5,334	\$192.01
Intel Xeon E3-1268L v3 @ 2.30GHz		5,333	NA
Intel Core i7-2600 @ 3.40GHz		5,331	\$179.78
Intel Core i5-1030NG7 @ 1.10GHz		5,331	NA
Intel Core i5-6440HQ @ 2.60GHz		5,317	NA

Intel Xeon E3-1245 @ 3.30GHz		5,308	\$245.00
Intel Core i7-4700MQ @ 2.40GHz		5,305	\$189.00*

Home

CPU Benchmarks

Intel Core i3-8100T @ 3.10GHz		5,299	\$129.00
AMD FX-8300 Eight-Core		5,297	\$99.99*
Intel Core i5-6500TE @ 2.30GHz		5,295	\$189.88*
Intel Core i7-4785T @ 2.20GHz		5,291	NA
AMD Opteron 6274		5,286	\$885.95
Intel Core i5-4690S @ 3.20GHz		5,283	\$359.21*
Intel Core i7-4860EQ @ 1.80GHz		5,280	NA
Intel Xeon E3-1270 @ 3.40GHz		5,274	\$305.00*
Intel Xeon E3-1220 v5 @ 3.00GHz		5,264	\$150.00*
Intel Xeon E5-2430L @ 2.00GHz		5,263	\$32.28*
Intel Core i5-8365UE @ 1.60GHz		5,243	\$297.00*
Intel Core i7-6822EQ @ 2.00GHz		5,241	NA
Intel Core i7-4712MQ @ 2.30GHz		5,239	NA
Intel Xeon E3-1225 v3 @ 3.20GHz		5,239	\$59.99*
Intel Core i3-1005G1 @ 1.20GHz		5,235	\$281.00*
Intel Xeon X5677 @ 3.47GHz		5,226	\$194.95
Intel Core i7-4702MQ @ 2.20GHz		5,215	\$218.45*
AMD FX-8310 Eight-Core		5,199	NA
Intel Xeon E3-1240 @ 3.30GHz		5,198	\$362.51
Intel Xeon E3-1220 v3 @ 3.10GHz		5,196	\$399.95
Intel Xeon E5-2620 @ 2.00GHz		5,188	\$397.46
Intel Core i7-3615QE @ 2.30GHz		5,174	NA
Intel Core i5-6400 @ 2.70GHz		5,165	\$135.00*
Intel Core i5-4570 @ 3.20GHz		5,154	\$297.95*
AMD Opteron 6272		5,146	\$193.59*
Intel Xeon X5672 @ 3.20GHz		5,143	\$44.99*
Intel Core i7-3610QM @ 2.30GHz		5,124	\$399.99*
Intel Core i5-7300HQ @ 2.50GHz		5,101	NA
Intel Core i5-4590S @ 3.00GHz		5,094	\$305.22
AMD Opteron 6328		5,084	\$1,584.00
Intel Xeon Bronze 3204 @ 1.90GHz		5,080	\$246.99
Intel Core i7-3630QM @ 2.40GHz		5,075	\$229.00
Intel Xeon E3-1240L v3 @ 2.00GHz		5,062	NA
AMD FX-8370E Eight-Core		5,040	\$310.09
Intel Core i5-4670K CPT @ 3.40GHz		5,034	NA
Intel Xeon E3-1230 @ 3.20GHz		5,029	\$417.95
Intel Xeon E5-2430L v2 @ 2.40GHz		5,014	NA
Intel Xeon E3-1235L v5 @ 2.00GHz		5,013	NA
Intel Xeon E5-2420 @ 1.90GHz		4,997	\$380.01
Intel Xeon E3-1290 @ 3.60GHz		4,988	\$885.00*
Intel Core i5-4670S @ 3.10GHz		4,985	\$213.00*
Intel Core i5-4570S @ 2.90GHz		4,980	\$179.98*
Intel Xeon E5-1607 v3 @ 3.10GHz		4,976	NA
AMD FX-8150 Eight-Core		4,973	\$299.95
AMD FX-8320E Eight-Core		4,961	\$199.99
Intel Core i7-3615QM @ 2.30GHz		4,953	NA

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PassMark CPU Benchmarks - High Mid Range CPUs

	AMD FX-8140 Eight-Core		4,953	\$148.86*

🏠 CPU Benchmarks ▼

Intel Core i5-3570K @ 3.40GHz		4,933	\$130.00
Intel Core i5-10210Y @ 1.00GHz		4,918	NA
Intel Xeon E5645 @ 2.40GHz		4,916	\$94.08*
AMD Athlon 300GE		4,905	NA
Intel Core i5-3570 @ 3.40GHz		4,898	\$149.35
Intel Core i7-4765T @ 2.00GHz		4,891	\$498.95
Intel Xeon Bronze 3104 @ 1.70GHz		4,887	\$232.01
Intel Xeon E5649 @ 2.53GHz		4,881	\$17.99*
Intel Core i3-7320 @ 4.10GHz		4,862	\$182.72*
AMD Opteron 6366 HE		4,858	\$29.99*
Intel Xeon L5640 @ 2.27GHz		4,841	\$89.95*
Intel Xeon E3-1505L v5 @ 2.00GHz		4,838	NA
Intel Xeon E5-1603 v4 @ 2.80GHz		4,838	NA
Intel Core i5-7442EQ @ 2.10GHz		4,834	\$250.00*
Intel Core i5-4570R @ 2.70GHz		4,820	NA
Intel Core i3-7350K @ 4.20GHz		4,804	\$152.99
Intel Core i5-4460 @ 3.20GHz		4,787	\$223.65
Intel Xeon D-1518 @ 2.20GHz		4,784	NA
Intel Core i7-3612QE @ 2.10GHz		4,783	NA
Intel Core i5-3550 @ 3.30GHz		4,779	\$299.99
Intel Core i3-7300 @ 4.00GHz		4,778	\$159.99*
AMD Opteron 6220		4,753	\$196.83*
Intel Core i5-4470S @ 3.00GHz		4,742	NA
Intel Core i7-3610QE @ 2.30GHz		4,730	NA
Intel Core i5-4430 @ 3.00GHz		4,715	\$150.09*
AMD Athlon Silver PRO 3125GE		4,701	NA
Intel Xeon E5-2603 v4 @ 1.70GHz		4,695	\$363.37
Intel Xeon E3-1235 @ 3.20GHz		4,681	\$234.00
Intel Xeon E3-1220 V2 @ 3.10GHz		4,680	\$319.11
Intel Atom C3758 @ 2.20GHz		4,675	\$193.00*
AMD Opteron 4284		4,665	\$59.99*
Intel Xeon E3-1225 V2 @ 3.20GHz		4,663	\$68.99*
Intel Core i5-4440 @ 3.10GHz		4,661	\$299.99*
Intel Core i5-3470 @ 3.20GHz		4,643	\$70.81
Intel Xeon E5-1410 @ 2.80GHz		4,634	\$44.99*
Intel Core i5-6300HQ @ 2.30GHz		4,633	NA
Intel Core i7-4712HQ @ 2.30GHz		4,618	NA
Intel Core i5-3570S @ 3.10GHz		4,615	\$51.09*
AMD Athlon 240GE		4,604	\$132.90
Intel Core i7-3635QM @ 2.40GHz		4,576	NA
Intel Core i5-7400T @ 2.40GHz		4,567	\$281.48
Intel Xeon E3-1230L v3 @ 1.80GHz		4,548	\$448.50
AMD Ryzen Embedded R1606G		4,544	NA
Intel Xeon X5667 @ 3.07GHz		4,534	\$18.04*
Intel Core i7-2860QM @ 2.50GHz		4,528	\$182.01

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PassMark CPU Benchmarks - High Mid Range CPUs

Intel Xeon X5647 @ 2.93GHz		4,522	\$19.93*
Intel Core i5-6442EQ @ 1.90GHz		4,519	\$250.00*

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CPU Benchmarks

AMD Athlon 220GE		4,515	\$199.99*
AMD Opteron 4280		4,504	\$50.00*
AMD FX-6350 Six-Core		4,490	\$148.02
AMD A8-7500		4,488	NA
AMD FX-6330 Six-Core		4,479	NA
Intel Core i3-6300 @ 3.80GHz		4,475	\$299.99*
AMD Athlon 3000G		4,465	\$54.99*
Intel Core i7-3632QM @ 2.20GHz		4,460	\$209.95
Intel Core i5-4460S @ 2.90GHz		4,457	\$659.99*
Intel Core i5-4670T @ 2.30GHz		4,453	\$259.02*
Intel Xeon E5-1603 v3 @ 2.80GHz		4,451	\$36.99*
Intel Xeon E5-2609 v3 @ 1.90GHz		4,439	\$398.95
Intel Core i3-6320 @ 3.90GHz		4,432	\$543.00*
AMD FX-8120 Eight-Core		4,424	\$158.02
Intel Core i5-3550S @ 3.00GHz		4,422	\$302.45*
Intel Xeon L5639 @ 2.13GHz		4,419	NA
Intel Core i5-6400T @ 2.20GHz		4,399	\$259.95*
Intel Core i7-3612QM @ 2.10GHz		4,398	NA
Intel Core i7-2600S @ 2.80GHz		4,398	\$95.22*
Intel Core i3-8109U @ 3.00GHz		4,382	\$399.99
AMD Opteron 4386		4,378	\$78.99*
Intel Core i7-2760QM @ 2.40GHz		4,370	\$138.02*
Intel Core i5-3450 @ 3.10GHz		4,354	\$179.88
AMD FX-6130 Six-Core		4,353	NA
Intel Xeon E5-1607 v2 @ 3.00GHz		4,348	\$229.95
Intel Core i3-8121U @ 2.20GHz		4,340	\$290.00
AMD Athlon PRO 300GE		4,337	NA
Intel Core i5-7360U @ 2.30GHz		4,334	NA
Intel Core i3-1000NG4 @ 1.10GHz		4,326	NA
Intel Core i5-3470S @ 2.90GHz		4,317	\$227.59
AMD Ryzen 3 3250U		4,314	NA
AMD Ryzen 3 PRO 2100GE		4,308	NA
Intel Core i3-7100 @ 3.90GHz		4,291	\$112.00
Intel Core i5-3340 @ 3.10GHz		4,281	\$172.02*
Intel Core i5-3350P @ 3.10GHz		4,281	\$149.99*
Intel Atom C3958 @ 2.00GHz		4,281	\$449.00*
Intel Core i7-4770TE @ 2.30GHz		4,257	NA
Intel Xeon E3-1265L V2 @ 2.50GHz		4,243	\$148.00*
Intel Pentium Gold G6400 @ 4.00GHz		4,237	\$64.99
Intel Xeon E5-2648L @ 1.80GHz		4,235	NA
Intel Xeon L5638 @ 2.00GHz		4,222	\$69.90*
AMD Athlon 200GE		4,216	\$77.86*
Intel Pentium Gold G6500 @ 4.10GHz		4,208	\$75.00*
Intel Core i7-2820QM @ 2.30GHz		4,195	\$171.02
Intel Core i7-7567U @ 3.50GHz		4,188	\$733.99*
Intel Core i7-7660U @ 2.50GHz		4,171	NA

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PassMark CPU Benchmarks - High Mid Range CPUs

AMD Athlon Gold 3150U		4,163	NA
Intel Pentium Gold G5600F @ 3.90GHz		4,161	NA

 CPU Benchmarks

Intel Core i3-6100 @ 3.70GHz		4,155	\$187.54
Intel Core i5-3450S @ 2.80GHz		4,154	\$95.00
Intel Core i5-7287U @ 3.30GHz		4,149	NA
Intel Core i3-8145UE @ 2.20GHz		4,140	\$281.00*
AMD Athlon PRO 200GE		4,139	NA
AMD Opteron 3380		4,134	\$809.00*
Intel Core i5-2550K @ 3.40GHz		4,132	\$69.95*
Intel Core i3-6098P @ 3.60GHz		4,127	\$133.74*
AMD Athlon 300U		4,120	NA
Intel Core i5-3570T @ 2.30GHz		4,120	NA
AMD FX-6300 Six-Core		4,114	\$127.50
AMD Opteron 3365		4,114	NA
Intel Core i7-2720QM @ 2.20GHz		4,111	\$179.95
Intel Pentium Gold G5620 @ 4.00GHz		4,102	\$197.12*
Intel Core i5-7267U @ 3.10GHz		4,093	NA
Intel Core i5-3330 @ 3.00GHz		4,092	\$165.00*
Intel Core i5-2500K @ 3.30GHz		4,084	\$434.26*
Intel Core i3-10110U @ 2.10GHz		4,083	\$414.95
AMD Opteron 6234		4,072	\$450.99
AMD Ryzen 3 3200U		4,068	NA
Intel Core i5-4690T @ 2.50GHz		4,066	NA
Intel Core i5-2500 @ 3.30GHz		4,064	\$105.85
AMD Opteron 6212		4,046	\$24.88*
Intel Core i3-6300T @ 3.30GHz		4,040	\$129.23
Intel Xeon E5-2407 v2 @ 2.40GHz		4,034	\$249.00*
Intel Xeon E5640 @ 2.67GHz		4,018	\$251.36*
Intel Core i5-4440S @ 2.80GHz		4,010	\$462.97*
Intel Core i5-4430S @ 2.70GHz		4,008	\$159.99*
Intel Core i3-7101TE @ 3.40GHz		4,003	\$117.00*
Intel Core i7-2960XM @ 2.70GHz		3,985	\$409.95*
Intel Core i5-3475S @ 2.90GHz		3,982	\$143.50*
Intel Core i5-4590T @ 2.00GHz		3,976	\$209.95*
AMD FX-6200 Six-Core		3,954	\$98.86*
AMD Opteron 4334		3,949	\$128.68*
Intel Xeon E5-2603 v3 @ 1.60GHz		3,948	\$149.61
Intel Core i7-985 @ 3.47GHz		3,928	NA
Intel Core i5-7260U @ 2.20GHz		3,927	\$599.00
Intel Core i7-7560U @ 2.40GHz		3,920	NA
AMD PRO A12-9800		3,920	\$169.00*
Intel Pentium G4620 @ 3.70GHz		3,909	\$113.66*
AMD Ryzen Embedded R1505G		3,904	NA
Intel Core i5-3340S @ 2.80GHz		3,876	\$149.99*
Intel Core i5-2450P @ 3.20GHz		3,869	\$89.99*
Intel Xeon E3-1260L @ 2.40GHz		3,867	\$125.00*
Intel Core i5-3330S @ 2.70GHz		3,856	\$199.95*
Intel Core i3-4370 @ 3.80GHz		3,851	\$299.00*
Intel Xeon E5-2609 v2 @ 2.50GHz		3,851	\$18.99

AMD PRO A12-8870		3,848	NA
AMD FX-8100 Eight-Core		3,847	\$128.86*

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AMD Athlon X4 845		3,838	\$53.13*
Intel Core i7-6567U @ 3.30GHz		3,825	NA
AMD FX-6120 Six-Core		3,821	\$118.68*
Intel Core i3-7100T @ 3.40GHz		3,803	\$362.00*
Intel Core i5-2400 @ 3.10GHz		3,796	\$157.63
AMD Opteron 3280		3,765	\$118.04
Intel Core i3-8145U @ 2.10GHz		3,763	\$281.00*
Intel Xeon E5-1607 @ 3.00GHz		3,754	\$11.53*
Intel Core i5-3335S @ 2.70GHz		3,754	NA
AMD PRO A10-8850B		3,752	NA
ZHAOXIN KaiXian KX-U6780A@2.7GHz		3,744	NA
Intel Core i7-2670QM @ 2.20GHz		3,740	\$129.00
AMD Phenom II X6 1100T		3,734	\$241.01*
AMD Ryzen Embedded V1202B		3,734	NA
Intel Core i5-7300U @ 2.60GHz		3,723	\$386.77
Intel Pentium Gold G5420T @ 3.20GHz		3,716	\$64.00*
AMD Opteron 4332 HE		3,715	\$36.99*
Intel Pentium Gold G5400 @ 3.70GHz		3,715	\$69.99
Intel Core i5-2380P @ 3.10GHz		3,709	\$430.59*
Intel Xeon E5630 @ 2.53GHz		3,705	\$302.04
Intel Core i7-2710QE @ 2.10GHz		3,704	NA
AMD Opteron 6174		3,697	\$149.50
Intel Pentium Silver J5040 @ 2.00GHz		3,690	NA
Intel Xeon E3-1225 @ 3.10GHz		3,689	\$42.40*
Intel Core i7-7500U @ 2.70GHz		3,677	\$489.00
Intel Xeon E3-1220 @ 3.10GHz		3,677	\$179.97
Intel Core i3-8130U @ 2.20GHz		3,662	\$281.00*
Intel Core i7-7600U @ 2.80GHz		3,660	NA
Intel Core i5-6287U @ 3.10GHz		3,655	\$304.00*
Intel Core i3-6100T @ 3.20GHz		3,643	\$134.99*
AMD Ryzen 3 2200U		3,641	NA
Intel Pentium Gold G5600 @ 3.90GHz		3,641	\$146.96
Intel Core i3-10110Y @ 1.00GHz		3,639	\$287.00*
Intel Pentium Gold G5500 @ 3.80GHz		3,635	\$94.99
AMD Phenom II X6 1090T		3,620	\$174.04
Intel Pentium G4600 @ 3.60GHz		3,619	\$92.64
AMD FX-6100 Six-Core		3,618	\$92.02
Intel Core i7-2630QM @ 2.00GHz		3,603	\$94.02*
Intel Xeon E5620 @ 2.40GHz		3,603	\$19.98
Intel Core i5-2320 @ 3.00GHz		3,602	\$249.95
Intel Core i3-4170 @ 3.70GHz		3,596	\$1,955.59
Intel Xeon E3-1265L @ 2.40GHz		3,589	\$918.35*
Intel Core i5-4460T @ 1.90GHz		3,583	NA
AMD A8-7680		3,581	\$50.08*
AMD A10-7890K		3,580	\$120.20*

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PassMark CPU Benchmarks - High Mid Range CPUs

Intel Core i3-4360 @ 3.70GHz		3,577	\$269.95
AMD PRO A10-9700		3,573	\$169.00*

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Intel Core i3-4360 @ 3.70GHz		3,577	\$269.95
AMD PRO A10-9700		3,573	\$169.00*
Intel Pentium G4560 @ 3.50GHz		3,566	\$69.26
AMD Opteron 6176 SE		3,564	\$249.89*
Intel Core i7-5557U @ 3.10GHz		3,558	\$605.99*
Intel Core i7-6600U @ 2.60GHz		3,558	NA
AMD A10-7870K		3,556	\$226.99*
AMD Athlon X4 880K		3,535	\$99.99*
Intel Core i3-4340 @ 3.60GHz		3,528	\$179.99*
AMD A10-8850		3,525	NA
Intel Xeon E5-1603 @ 2.80GHz		3,520	\$14.95*
Intel Xeon E5-2418L @ 2.00GHz		3,518	NA
AMD Athlon X4 950		3,515	\$134.00
AMD A12-9800		3,515	\$138.24*
AMD A10-9700		3,495	\$206.00
Intel Core i3-7167U @ 2.80GHz		3,489	NA
AMD Opteron 6164 HE		3,478	NA
Intel Core i3-4160 @ 3.60GHz		3,474	\$189.99
Intel Core i5-2310 @ 2.90GHz		3,472	\$34.89*
AMD FX-4330		3,467	NA
Intel Core i3-7100H @ 3.00GHz		3,460	\$225.00*
Intel Xeon X5698 @ 4.40GHz		3,447	NA
Intel Xeon W3580 @ 3.33GHz		3,445	\$214.50*
AMD Athlon X4 860K		3,444	\$114.95
AMD Embedded R-Series RX-418GD Radeon R6		3,426	NA
AMD Opteron 6172		3,420	\$106.80
AMD PRO A10-8770		3,412	NA
AMD A10 PRO-7850B APU		3,406	NA
AMD Athlon X4 870K		3,403	\$79.99*
Intel Core i5-4340M @ 2.90GHz		3,398	NA
AMD A10-7850K APU		3,397	\$273.84
Intel Core i5-7200U @ 2.50GHz		3,395	\$499.00*
Intel Xeon E5-4603 @ 2.00GHz		3,391	\$96.04*
Intel Xeon W5580 @ 3.20GHz		3,386	\$39.99*
AMD Opteron 6136		3,381	\$349.00
Intel Core i3-4150 @ 3.50GHz		3,381	\$223.71*
AMD FX-B4150 Quad-Core		3,369	\$89.68*
Intel Xeon W3570 @ 3.20GHz		3,357	\$469.95
Intel Core i5-5287U @ 2.90GHz		3,356	NA
Intel Core i3-6100TE @ 2.70GHz		3,354	NA
Intel Core i7-6560U @ 2.20GHz		3,353	NA
AMD PRO A8-9600		3,347	\$119.00*
Intel Core i5-2300 @ 2.80GHz		3,343	\$29.99*
AMD A10-8750		3,339	NA
AMD Phenom II X6 1405T		3,335	NA
AMD A12-9800E		3,332	\$155.73
Intel Core i7-975 @ 3.33GHz		3,331	\$79.95*
AMD FX-4150 Quad-Core		3,327	NA

	AMD FX-9830P		3,325	NA	
	Intel Xeon D-1520 @ 2.20GHz		3,324	NA	

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	Intel Core i3-6100E @ 2.70GHz		3,315	NA	
	AMD Embedded R-Series RX-421BD		3,302	NA	
	Intel Xeon L5609 @ 1.87GHz		3,298	NA	
	AMD A8-9600		3,298	\$78.59	
	Intel Pentium Gold G5420 @ 3.80GHz		3,294	\$64.68	
	Intel Core i7-6498DU @ 2.50GHz		3,293	NA	
	AMD Opteron X3421 APU		3,289	NA	
	AMD FX-4350 Quad-Core		3,286	\$118.02	
	AMD A10-7860K		3,286	\$149.95*	
	Intel Core i7-6500U @ 2.50GHz		3,279	\$393.00*	
	AMD FX-4320		3,272	NA	
	Intel Core i7-965 @ 3.20GHz		3,269	\$139.99*	
	Intel Xeon W3565 @ 3.20GHz		3,268	\$21.99*	
	Intel Core i3-4130 @ 3.40GHz		3,267	\$182.28	
	AMD Opteron 4365 EE		3,263	NA	
	Intel Xeon X3480 @ 3.07GHz		3,263	NA	
	Intel Core i5-4570T @ 2.90GHz		3,263	\$199.95	
	Intel Core i5-6360U @ 2.00GHz		3,259	NA	
	Intel Core i5-6300U @ 2.40GHz		3,259	NA	
	Intel Core i7-4578U @ 3.00GHz		3,258	NA	
	Intel Core i5-4330M @ 2.80GHz		3,258	\$274.99*	
	AMD Athlon X4 840		3,256	\$98.00	
	Intel Core i5-4400E @ 2.70GHz		3,251	\$266.00*	
	Intel Core i7-4610M @ 3.00GHz		3,249	NA	
	Intel Core i3-4570T @ 2.90GHz		3,244	NA	
	Intel Pentium D1508 @ 2.20GHz		3,240	\$129.00*	
	AMD Phenom II X6 1065T		3,239	NA	
	AMD Athlon Silver 3050U		3,238	NA	
	Intel Pentium Gold G5500T @ 3.20GHz		3,234	\$75.00*	
	Intel Xeon W5590 @ 3.33GHz		3,234	\$52.99*	
	Intel Core i7-2635QM @ 2.00GHz		3,232	NA	
	Intel Core i7-960 @ 3.20GHz		3,222	\$270.00	
	Intel Core i7-2715QE @ 2.10GHz		3,221	NA	
	Intel Core i5-4310M @ 2.70GHz		3,217	NA	
	Intel Pentium Silver J5005 @ 1.50GHz		3,215	\$195.99	
	Intel Xeon L5630 @ 2.13GHz		3,206	\$20.99*	
	Intel Core i7-880 @ 3.07GHz		3,205	\$583.00*	
	AMD A8-7600 APU		3,198	\$70.19	
	AMD Phenom II X6 1055T		3,195	\$108.02	
	AMD PRO A10-9700E		3,195	\$139.00*	
	AMD A10-7700K APU		3,193	\$412.00*	
	Intel Core i7-8500Y @ 1.50GHz		3,191	\$393.00*	
	Intel Core i3-6100H @ 2.70GHz		3,191	NA	
	Intel Core i3-4370T @ 3.30GHz		3,187	\$138.00*	
	Intel Core i7-4600M @ 2.90GHz		3,187	NA	
	Intel Celeron J4125 @ 2.00GHz		3,187	NA	

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PassMark CPU Benchmarks - High Mid Range CPUs

	Intel Pentium G4600T @ 3.00GHz		3,177	\$177.28*

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Intel Xeon X3470 @ 2.93GHz		3,169	\$98.48*
Intel Core i7-2675QM @ 2.20GHz		3,168	NA
Intel Core i3-4360T @ 3.20GHz		3,164	NA
Intel Core i5-L16G7 @ 1.40GHz		3,164	\$281.00*
Intel Core i3-4350 @ 3.60GHz		3,163	\$169.99*
AMD A8-7670K		3,155	\$89.95*
Intel Atom C3858 @ 2.00GHz		3,154	\$332.00*
Intel Core i5-2400S @ 2.50GHz		3,151	\$172.00*
AMD A10-9700E		3,151	\$241.00
Intel Xeon X5570 @ 2.93GHz		3,148	\$229.95
AMD A12-9730P		3,140	NA
Intel Core i5-6198DU @ 2.30GHz		3,138	NA
AMD FX-4200 Quad-Core		3,134	\$59.95*
AMD A10-6800K APU		3,125	\$417.34
Intel Core i5-6267U @ 2.90GHz		3,124	NA
Intel Pentium Gold G5400T @ 3.10GHz		3,119	\$76.29
AMD PRO A12-9800E		3,110	\$169.00*
Intel Core i7-5650U @ 2.20GHz		3,110	NA
Intel Xeon E5-2403 v2 @ 1.80GHz		3,106	\$20.99*
Intel Core i3-4330T @ 3.00GHz		3,098	NA
Intel Xeon W3550 @ 3.07GHz		3,097	\$16.99*
AMD A10-6790K APU		3,095	\$99.95*
AMD A10-7800 APU		3,095	\$149.86*
AMD PRO A10-8770E		3,094	NA
AMD FX-870K Quad Core		3,094	NA
AMD FX-4170 Quad-Core		3,094	\$128.68*
AMD A10-6700 APU		3,092	\$79.95*
Intel Core i5-4200H @ 2.80GHz		3,090	NA
Intel Core i7-940 @ 2.93GHz		3,089	\$103.99*
Intel Core i7-950 @ 3.07GHz		3,080	\$349.99
AMD Opteron X3418 APU		3,074	NA
Intel Core i3-4160T @ 3.10GHz		3,073	\$149.99*
Intel Core i5-7Y57 @ 1.20GHz		3,070	NA
Intel Core i5-6260U @ 1.80GHz		3,069	\$469.00
AMD Opteron 2435		3,061	\$14.98
Intel Core i7-5600U @ 2.60GHz		3,050	NA
Intel Core i5-4570TE @ 2.70GHz		3,043	\$199.99*
Intel Core i7-870 @ 2.93GHz		3,031	\$198.95*
Intel Core i7-875K @ 2.93GHz		3,028	\$349.99*
Intel Core m3-8100Y @ 1.10GHz		3,027	\$281.00*
Intel Core i5-6200U @ 2.30GHz		3,023	NA
Intel Core i3-7130U @ 2.70GHz		3,021	\$459.99*
AMD A8-6600K APU		3,021	\$99.00*
Intel Core i5-3380M @ 2.90GHz		3,015	NA
AMD PRO A12-8870E		3,014	NA
Intel Core i5-4300M @ 2.60GHz		3,011	NA

	Intel Xeon X5550 @ 2.67GHz		3,010	\$39.35*	
	AMD A10 PRO-7800R APU		2,002	NA	

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	Intel Core i7-4558U @ 2.80GHz		2,999	NA	
	AMD PRO A8-8670E		2,989	NA	
	Intel Core i5-2405S @ 2.50GHz		2,980	\$208.00*	
	Intel Xeon E5-2637 @ 3.00GHz		2,978	\$204.25*	
	AMD Athlon X4 760K Quad Core		2,975	\$59.95*	
	Intel Celeron J4105 @ 1.50GHz		2,975	\$107.00*	
	Intel Xeon X5560 @ 2.80GHz		2,973	\$14.99*	
	Intel Xeon W3530 @ 2.80GHz		2,971	\$17.99*	
	AMD PRO A10-8750B		2,962	NA	
	Intel Core i5-3360M @ 2.80GHz		2,957	\$78.02*	
	Intel Core i5-3470T @ 2.90GHz		2,956	\$269.95	
	AMD Phenom II X6 1075T		2,955	\$98.86*	
	Intel Core i7-4560U @ 1.60GHz		2,950	NA	
	Intel Core i5-4278U @ 2.60GHz		2,948	NA	
	AMD A10-9630P		2,947	NA	
	Intel Pentium G4520 @ 3.60GHz		2,942	\$76.11	
	AMD FX-8800P		2,939	NA	
	AMD Opteron 2431		2,936	\$24.99	
	Intel Core i7-3540M @ 3.00GHz		2,931	\$429.95*	
	AMD FX-4300 Quad-Core		2,931	\$84.04	
	Intel Core i5-5257U @ 2.70GHz		2,922	NA	
	Intel Core i7-930 @ 2.80GHz		2,921	\$99.99	
	AMD Phenom II X6 1035T		2,917	\$189.00*	
	AMD Phenom II X6 1045T		2,917	\$108.02	
	Intel Core i5-4210H @ 2.90GHz		2,915	NA	
	Intel Core i7-5550U @ 2.00GHz		2,908	NA	
	Intel Core i5-8210Y @ 1.60GHz		2,905	NA	
	AMD A10-5800K APU		2,902	\$59.95*	
	AMD Athlon X4 830		2,901	NA	
	Intel Core i7-860 @ 2.80GHz		2,895	\$43.99*	
	AMD A8-6500B APU		2,895	\$49.95*	
	Intel Core i5-7Y54 @ 1.20GHz		2,891	NA	
	Intel Xeon W3540 @ 2.93GHz		2,890	\$19.92*	
	Intel Core i3-4350T @ 3.10GHz		2,888	NA	
	Intel Core i5-4210M @ 2.60GHz		2,888	\$309.95*	
	AMD Opteron 4184		2,872	\$509.95	
	Intel Pentium G4500 @ 3.50GHz		2,870	\$202.28	
	AMD A10-5800B APU		2,870	\$44.99*	
	Intel Core i7-3520M @ 2.90GHz		2,864	\$132.02*	
	AMD A8-7650K		2,864	\$148.68*	
	Intel Celeron G5905 @ 3.50GHz		2,862	\$49.94	
	AMD FX-7600P APU		2,856	NA	
	Intel Core i5-4308U @ 2.80GHz		2,854	NA	
	Intel Core i3-4130T @ 2.90GHz		2,848	\$248.56*	
	AMD Opteron 6128		2,826	\$175.01	
	AMD Opteron 3350 HE		2,825	\$413.00*	
	Intel Core i5-4200M @ 2.50GHz		2,807	\$88.95*	

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⌵	Intel Core i5-24050S @ 2.50GHz		2,799	NA	
⌵	Intel Xeon X3450 @ 2.67GHz		2,787	\$27.99*	

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⌵	3.20GHz		2,780	\$1,800.95*	
⌵	AMD A8-8650		2,774	NA	
⌵	Intel Core i7-7Y75 @ 1.30GHz		2,773	NA	
⌵	Intel Core i3-4150T @ 3.00GHz		2,763	\$219.95*	
⌵	AMD FX-670K Quad-Core		2,762	NA	
⌵	Intel Celeron J4115 @ 1.80GHz		2,760	NA	
⌵	Intel Celeron G5900 @ 3.40GHz		2,759	\$54.99	
⌵	Intel Core i3-6157U @ 2.40GHz		2,758	NA	
⌵	Intel Xeon W3520 @ 2.67GHz		2,755	\$399.95*	
⌵	Intel Core 860 @ 2.80GHz		2,754	\$65.99*	
⌵	Intel Xeon E5-2603 v2 @ 1.80GHz		2,751	\$150.91	
⌵	Intel Core i5-5300U @ 2.30GHz		2,750	\$289.99*	
⌵	AMD A8-6500 APU		2,750	\$84.04	
⌵	AMD Phenom II X4 980		2,748	\$130.00*	
⌵	Intel Core m3-7Y32 @ 1.10GHz		2,742	NA	
⌵	Intel Core i5-2500T @ 2.30GHz		2,741	\$89.99*	
⌵	Intel Core i7-5500U @ 2.40GHz		2,738	NA	
⌵	AMD Athlon X4 750K Quad Core		2,733	\$76.99*	
⌵	Intel Core i3-7100U @ 2.40GHz		2,726	\$253.50	
⌵	Intel Core i7-860S @ 2.53GHz		2,725	\$199.99*	
⌵	Intel Core i7-920 @ 2.67GHz		2,723	\$348.95*	
⌵	AMD A6-9400		2,717	NA	
⌵	Intel Core i5-4258U @ 2.40GHz		2,713	NA	
⌵	AMD A8 PRO-7600B APU		2,707	NA	
⌵	Intel Xeon X5492 @ 3.40GHz		2,705	\$1,391.29*	
⌵	Intel Xeon X3460 @ 2.80GHz		2,705	\$46.99*	
⌵	Intel Core i5-3340M @ 2.70GHz		2,698	\$69.95*	
⌵	AMD A8-5600K APU		2,695	\$49.95*	
⌵	Intel Core i7-4600U @ 2.10GHz		2,693	NA	
⌵	Intel Xeon E3-1220L V2 @ 2.30GHz		2,687	NA	
⌵	Intel Xeon E5607 @ 2.27GHz		2,686	\$69.21*	
⌵	AMD Athlon X4 740 Quad Core		2,682	\$277.00*	
⌵	Intel Core i5-4402E @ 1.60GHz		2,681	NA	
⌵	AMD 3015e		2,678	NA	
⌵	AMD A10-5700 APU		2,675	\$59.95*	
⌵	AMD 3020e		2,671	NA	
⌵	Intel Core i5-5350U @ 1.80GHz		2,667	NA	
⌵	Intel Xeon E5-2407 @ 2.20GHz		2,661	\$325.03	
⌵	Intel Xeon X3440 @ 2.53GHz		2,659	\$172.00	
⌵	AMD A12-9720P		2,652	NA	
⌵	AMD PRO A12-9800B		2,650	NA	
⌵	Intel Core i3-3250T @ 3.00GHz		2,650	NA	
⌵	AMD A8-5500B APU		2,650	\$54.95*	
⌵	Intel Core i5-3320M @ 2.60GHz		2,646	\$54.04*	
⌵	Intel Xeon E5540 @ 2.53GHz		2,644	\$149.95*	
⌵	Intel Core i3-3245 @ 3.40GHz		2,643	\$122.99*	
⌵	Intel Xeon E5-2609 @ 2.40GHz		2,640	\$66.36	

Intel Xeon X5482 @ 3.20GHz		2,636	\$99.95
AMD A10-9600P		2,634	NA

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AMD FX-4130 Quad-Core		2,633	\$71.01
Intel Xeon E5520 @ 2.27GHz		2,633	\$19.99*
Intel Core m3-7Y30 @ 1.00GHz		2,632	NA
AMD PRO A10-9700B		2,626	NA
Intel Xeon X5470 @ 3.33GHz		2,625	\$99.99*
Intel Core i5-3610ME @ 2.70GHz		2,623	NA
AMD Phenom II X4 970		2,622	\$138.11*
Intel Core i3-6100U @ 2.30GHz		2,622	\$529.99
Intel Core2 Extreme X9770 @ 3.20GHz		2,622	\$1,608.95*
Intel Core i3-5157U @ 2.50GHz		2,613	NA
Intel Pentium G4400 @ 3.30GHz		2,607	\$119.99
AMD A8-5500 APU		2,605	\$58.95*
Intel Xeon E5530 @ 2.40GHz		2,603	\$77.44*
Intel Core i7-4510U @ 2.00GHz		2,602	NA
Intel Pentium Silver N5000 @ 1.10GHz		2,595	\$161.00*
Intel Core i7-3687U @ 2.10GHz		2,592	NA
Intel Core i3-4110M @ 2.60GHz		2,580	NA
AMD Phenom II X4 B65		2,576	NA
AMD FX-4100 Quad-Core		2,568	\$39.38*
Intel Core i5-680 @ 3.60GHz		2,568	\$49.95*
Intel Core i3-7020U @ 2.30GHz		2,566	\$281.00*
Intel Core i5-760 @ 2.80GHz		2,563	\$144.03
Intel Xeon X5460 @ 3.16GHz		2,560	\$33.34*
Intel Celeron G4930 @ 3.20GHz		2,557	\$40.40
AMD A10-6800B APU		2,543	NA
Intel Pentium Silver N5030 @ 1.10GHz		2,537	NA
Intel Core i7-4500U @ 1.80GHz		2,524	NA
Intel Core i5-4310U @ 2.00GHz		2,522	NA
Intel Xeon L5530 @ 2.40GHz		2,522	\$19.26*
Intel Core i3-7102E @ 2.10GHz		2,521	\$225.00*
AMD Phenom II X4 B99		2,520	NA
Intel Core i5-3230M @ 2.60GHz		2,518	\$99.99*
Intel Pentium G4500T @ 3.00GHz		2,518	NA
Intel Core i7-3667U @ 2.00GHz		2,515	NA
AMD PRO A12-8800B		2,509	NA
AMD Phenom II X4 965		2,509	\$88.05*
Intel Core i5-4300U @ 1.90GHz		2,505	NA
Intel Core i5-5200U @ 2.20GHz		2,502	\$281.00*
Intel Core i3-4330TE @ 2.40GHz		2,500	NA
Intel Xeon E5606 @ 2.13GHz		2,500	\$157.00*
Intel Core i5-4288U @ 2.60GHz		2,499	NA
Intel Xeon L7455 @ 2.13GHz		2,494	NA
AMD RX-427BB		2,486	NA
Intel Celeron N4120 @ 1.10GHz		2,480	NA
Intel Core i5-670 @ 3.47GHz		2,480	\$403.50*
Intel Core i5-4260U @ 1.40GHz		2,480	NA

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PassMark CPU Benchmarks - High Mid Range CPUs

AMD Opteron 8439 SE		2,479	\$52.00*
Intel Core i5-5250U @ 1.60GHz		2,478	\$529.99

🏠 CPU Benchmarks ▼

3.00GHz		2,478	\$529.99
AMD Phenom II X4 975		2,471	\$97.00*
AMD FX-7600P		2,470	NA
Intel Core m5-6Y57 @ 1.10GHz		2,466	NA
Intel Xeon E5-2403 @ 1.80GHz		2,464	\$237.59
Intel Celeron N4100 @ 1.10GHz		2,463	\$107.00*
Intel Core i7-2640M @ 2.80GHz		2,458	\$109.81
Intel Celeron J3455E @ 1.50GHz		2,457	NA
Intel Core i3-2140 @ 3.50GHz		2,456	NA
Intel Xeon E5450 @ 3.00GHz		2,449	\$36.99*
Intel Xeon X3370 @ 3.00GHz		2,446	\$40.00*
Intel Core i7-4610Y @ 1.70GHz		2,446	NA
AMD Athlon II X4 559		2,443	NA
Intel Core i5-750 @ 2.67GHz		2,439	\$90.00
Intel Core i5-3210M @ 2.50GHz		2,435	\$64.04*
AMD Phenom II X4 955		2,434	\$49.95*
Intel Xeon E5472 @ 3.00GHz		2,432	\$20.04*
Intel Pentium 6405U @ 2.40GHz		2,430	\$161.00*
Intel Pentium G3470 @ 3.60GHz		2,428	\$104.29*
Intel Core i7-2620M @ 2.70GHz		2,424	\$169.81*
AMD Phenom II X4 B60		2,421	NA
Intel Pentium G4400T @ 2.90GHz		2,419	NA
AMD Athlon II X4 553		2,418	NA
Intel Core i5-661 @ 3.33GHz		2,410	\$229.99*
Intel Xeon X5450 @ 3.00GHz		2,410	\$49.96
Intel Celeron G4900 @ 3.10GHz		2,408	\$61.19
AMD Phenom II X4 B55		2,405	NA
AMD PRO A10-8730B		2,403	NA
Intel Atom C2750 @ 2.40GHz		2,401	\$232.00*
AMD Phenom II X4 850		2,397	\$64.99*
Intel Core i7-3537U @ 2.00GHz		2,393	NA
AMD PRO A12-8830B		2,392	NA
AMD Athlon II X4 650		2,390	\$166.60*
AMD Opteron 4170 HE		2,382	\$39.99
Intel Xeon L3426 @ 1.87GHz		2,381	\$447.01*
AMD Phenom II X4 977		2,377	NA
Intel Core i7-4550U @ 1.50GHz		2,371	NA
Intel Core2 Quad Q9650 @ 3.00GHz		2,370	\$134.87*
Intel Core i5-660 @ 3.33GHz		2,370	\$21.35*
Intel Celeron G3950 @ 3.00GHz		2,369	\$109.04*
Intel Xeon E5-2603 @ 1.80GHz		2,362	\$47.85*
Intel Core i3-4100M @ 2.50GHz		2,362	\$218.57*
AMD A8-3870K APU		2,358	\$54.95*
Intel Core i3-6102E @ 1.90GHz		2,349	\$225.00*
Intel Core2 Extreme X9750 @ 3.16GHz		2,348	NA
AMD Phenom II X4 B35		2,341	NA
Intel Xeon X5472 @ 3.00GHz		2,340	\$225.00*

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PassMark CPU Benchmarks - High Mid Range CPUs

	AMD Phenom II X4 840		2,340	\$79.95

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AMD FX-9800P		2,334	NA
Intel Core i3-3250 @ 3.50GHz		2,331	\$55.00*
AMD Phenom II X4 B50		2,329	NA
Intel Pentium 5405U @ 2.30GHz		2,318	\$161.00*
Intel Pentium J4205 @ 1.50GHz		2,317	NA
Intel Core i5-2390T @ 2.70GHz		2,317	\$99.90*
AMD PRO A8-8600B		2,315	NA
AMD Athlon II X4 555		2,310	NA
Intel Xeon X3380 @ 3.16GHz		2,308	\$509.95*
Intel Core i7-940XM @ 2.13GHz		2,308	NA
Intel Core i5-8200Y @ 1.30GHz		2,308	\$291.00*
Intel Core i5-4350U @ 1.40GHz		2,305	NA
Intel Core i5-2520M @ 2.50GHz		2,304	\$42.10*
AMD Phenom II X4 B70		2,303	NA
Intel Celeron G3930 @ 2.90GHz		2,299	\$89.59*
AMD Phenom II X4 840T		2,299	\$66.04*
AMD PRO A8-9600B		2,299	NA
Intel Core i3-6006U @ 2.00GHz		2,296	NA
Intel Celeron G4920 @ 3.20GHz		2,284	\$74.99
Intel Pentium 4417U @ 2.30GHz		2,284	\$161.00*
Intel Pentium 1403 v2 @ 2.60GHz		2,284	NA
AMD Opteron 3260 HE		2,283	NA
Intel Core i5-2540M @ 2.60GHz		2,282	\$48.02*
AMD Phenom II X4 B95		2,280	\$52.95
AMD A10-8700P		2,277	NA
Intel Core i3-3240 @ 3.40GHz		2,277	\$49.95
Intel Core i5-3427U @ 1.80GHz		2,275	\$420.05*
Intel Xeon L3360 @ 2.83GHz		2,273	\$89.23*
Intel Core2 Quad Q9550 @ 2.83GHz		2,271	\$289.99
AMD A12-9700P		2,270	NA
Intel Core2 Extreme Q6800 @ 2.93GHz		2,267	\$1,125.00*
Intel Pentium G3460 @ 3.50GHz		2,266	\$288.20*
Intel Celeron J3455 @ 1.50GHz		2,265	\$255.99
Intel Celeron G3920 @ 2.90GHz		2,265	\$114.99
Intel Core i5-4210U @ 1.70GHz		2,258	NA
Intel Celeron G4900T @ 2.90GHz		2,255	\$42.00*
AMD Phenom II X4 945		2,252	\$54.95
Intel Xeon E5462 @ 2.80GHz		2,250	\$27.30*
Intel Core i7-4650U @ 1.70GHz		2,247	NA
AMD Phenom II X4 B40		2,238	NA
AMD A8-8600P		2,231	NA
Intel Xeon L5520 @ 2.27GHz		2,230	\$89.95*
AMD A10-9600P		2,229	NA
AMD PRO A10-8700B		2,226	NA
AMD A10-6700T APU		2,224	\$147.61*
Intel Celeron G4930T @ 3.00GHz		2,224	\$42.00*

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PassMark CPU Benchmarks - High Mid Range CPUs

	Intel Celeron G3930TE @ 2.70GHz	2,218	\$42.00*

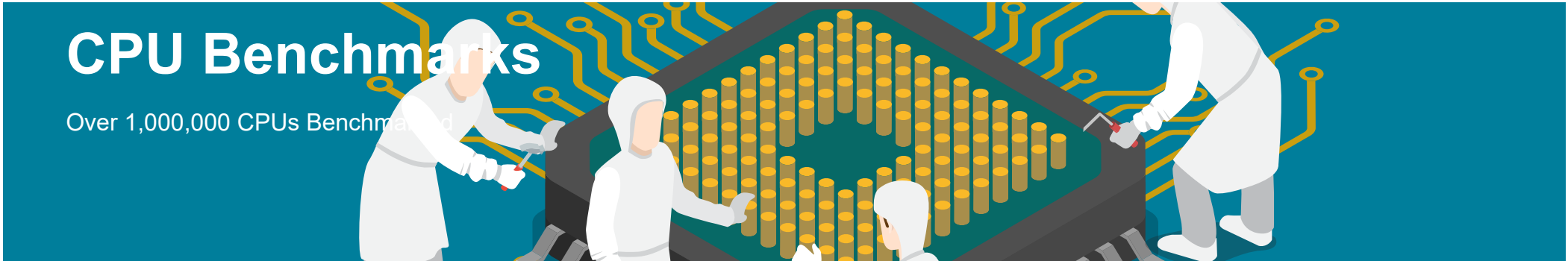
🏠 CPU Benchmarks ▼

AMD Athlon II X4 645		2,212	\$69.95
Intel Xeon L5430 @ 2.66GHz		2,210	\$157.95*
Intel Core i5-3437U @ 1.90GHz		2,205	NA
AMD Phenom II X4 973		2,204	NA
Intel Xeon X3353 @ 2.66GHz		2,203	\$73.50*
Intel Celeron G3900T @ 2.60GHz		2,199	\$112.46*
AMD Phenom II X4 940		2,199	\$49.95*
Intel Xeon X5365 @ 3.00GHz		2,198	\$62.99*
Intel Core i3-3220 @ 3.30GHz		2,198	\$69.99
Intel Core i3-21050 @ 3.10GHz		2,193	NA
Intel Pentium G3440 @ 3.30GHz		2,193	\$159.94*
Intel Pentium G4400TE @ 2.40GHz		2,190	\$64.00*
Intel Core i5-650 @ 3.20GHz		2,190	\$14.99*
Intel Xeon E5430 @ 2.66GHz		2,190	\$229.95
AMD Phenom II X4 960T		2,188	\$44.95*
Intel Core i7-920XM @ 2.00GHz		2,178	\$398.95*
Intel Core m7-6Y75 @ 1.20GHz		2,176	NA
Intel Core i3-3225 @ 3.30GHz		2,174	\$145.38
Intel Atom C2750 @ 2.41GHz		2,174	NA
Intel Pentium 4415U @ 2.30GHz		2,174	NA
Intel Core i5-3337U @ 1.80GHz		2,170	\$225.00*
Intel Xeon X3430 @ 2.40GHz		2,169	\$31.99*
Intel Core i3-5010U @ 2.10GHz		2,168	\$279.99
Intel Core i3-2125 @ 3.30GHz		2,167	\$143.01
Intel Core i5-4200U @ 1.60GHz		2,162	NA
Intel Core2 Quad Q9500 @ 2.83GHz		2,161	\$49.01*

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MemTest86	USB Power Delivery Tester	RAM Benchmarks			Social
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 CPU Benchmarks



Low Mid Range CPUs

This chart comparing mid range CPUs is updated daily, and made up of thousands of [PerformanceTest](#) benchmark results. Mid range CPUs are typically found in computers that are a few years old. Intel CPUs in this chart include the slower Intel Core2 Duo CPUs, Intel Celerons and Intel Pentiums. AMD CPUs typically in this chart include AMD Mobile chips, AMD Turions, AMD Opteron Dual Core CPUs, AMD Semprons and AMD Athlons.

 **CPUS**

 High End

High Mid Range

Low Mid Range

Low End

 Best Value (On Market)

Best Value XY Scatter

Best Value (All time)

 New Desktop

New Laptop

 Single Thread

Systems with Multiple CPUs

Overclocked

Power Performance

CPU Mark by Socket Type

Cross-Platform CPU Performance

 CPU Mega List

Search Model

 Compare

0

 Common

Most Benchmarked

CPU Mark

Price Performance

PassMark - CPU Mark

Low Mid Range CPUs
Updated 19th of October 2020

CPU	CPU Mark	Price (USD)
Intel Core M-5Y71 @ 1.20GHz	2,158	\$281.00*
Intel Xeon X3350 @ 2.66GHz	2,158	\$59.99*
Intel Core i5-4250U @ 1.30GHz	2,158	\$349.00*
AMD A8-7200P	2,156	NA
AMD A8-3850 APU	2,155	\$132.67
Intel Xeon X3360 @ 2.83GHz	2,151	\$39.99*
Intel Atom E3950 @ 1.60GHz	2,147	NA
AMD Athlon II X4 641 Quad-Core	2,143	\$79.86*
Intel Core i3-5020U @ 2.20GHz	2,141	\$459.00*
Intel Core i7-3517UE @ 1.70GHz	2,141	NA
Intel Core i5-2560M @ 2.70GHz	2,131	NA
Intel Core i7-3517U @ 1.90GHz	2,131	NA
Intel Core2 Extreme Q6850 @ 3.00GHz	2,129	\$1,495.95*
Intel Pentium G3430 @ 3.30GHz	2,129	\$89.99*
AMD Phenom II X4 925	2,127	\$29.95*
Intel Pentium N4200 @ 1.10GHz	2,126	\$228.71*
AMD Athlon II X4 640	2,126	\$64.02
AMD Athlon X4 640	2,115	NA
Intel Xeon X3363 @ 2.83GHz	2,112	\$87.60*
Intel Celeron G3930T @ 2.70GHz	2,109	\$39.95*
AMD Phenom II X4 B25	2,108	NA
Intel Pentium G3440T @ 2.80GHz	2,107	NA
AMD Phenom II X4 B93	2,104	NA
AMD Athlon II X4 631 Quad-Core	2,095	\$34.89*
Intel Core m5-6Y54 @ 1.10GHz	2,093	NA
Intel Pentium 4405U @ 2.10GHz	2,080	NA
AMD Opteron 1389	2,079	NA

AMD vs Intel	Intel Core2 Quad Q9505 @ 2.83GHz		2,079	\$190.00*
	Intel Core i5-2415M @ 2.30GHz		2,078	N/A
CPU Benchmarks	AMD Opteron 2384		2,074	\$264.61
	AMD Phenom II X4 B45		2,065	NA
	AMD Opteron 3250 HE		2,061	\$99.00*
Performance	AMD Athlon II X4 630		2,061	\$48.04
	Intel Pentium G2140 @ 3.30GHz		2,059	\$81.56*
	AMD Opteron 4162 EE		2,058	\$19.99*
	Intel Pentium G3260 @ 3.30GHz		2,056	\$10.97*
	Intel Xeon X3230 @ 2.66GHz		2,056	\$349.95*
	Intel Atom C2758 @ 2.40GHz		2,056	\$214.86*
	Intel Xeon L5420 @ 2.50GHz		2,055	\$27.50*
	Intel Core2 Quad Q9400 @ 2.66GHz		2,053	\$38.03*
	AMD Phenom II X4 920		2,051	\$27.89*
	Intel Xeon E3-1220L @ 2.20GHz		2,050	NA
	Intel Core i7-640M @ 2.80GHz		2,050	\$189.85*
	AMD A6-3650 APU		2,049	\$23.89*
	Intel Core i3-5015U @ 2.10GHz		2,047	NA
	Intel Core i5-2450M @ 2.50GHz		2,046	\$68.02*
	AMD A6-3670 APU		2,045	\$610.00*
	Intel Pentium G3420T @ 2.70GHz		2,044	\$159.99*
	Intel Pentium G3258 @ 3.20GHz		2,039	\$120.00
	Intel Core i3-5005U @ 2.00GHz		2,038	NA
	Intel Core i3-3210 @ 3.20GHz		2,036	\$199.00*
	Intel Core2 Quad Q6700 @ 2.66GHz		2,036	\$44.04*
	Intel Core2 Quad Q9450 @ 2.66GHz		2,035	\$35.70*
	AMD Phenom II X4 820		2,034	\$64.95*
	Intel Celeron G3900E @ 2.40GHz		2,034	\$107.00*
	Intel Core i3-2102 @ 3.10GHz		2,029	\$58.00*
	Intel Xeon E7- 2830 @ 2.13GHz		2,027	\$1,779.00*
	AMD Athlon II X4 638 Quad-Core		2,026	\$26.49*
	AMD A8-3820 APU		2,023	\$44.95*
	Intel Xeon X3330 @ 2.66GHz		2,021	\$210.00*
	Intel Core i5-655K @ 3.20GHz		2,017	\$59.99*
	Intel Pentium G3450T @ 2.90GHz		2,016	NA
	Intel Core2 Extreme Q9200 @ 2.40GHz		2,011	NA
	AMD Athlon II X4 635		2,008	\$59.95
	AMD Phenom II X4 910e		2,006	\$69.90*
	AMD Opteron 2427		1,995	\$55.00*
	Intel Pentium G3260T @ 2.90GHz		1,993	\$89.99*
	Intel Core2 Quad Q8400 @ 2.66GHz		1,991	\$229.95*
	Intel Core2 Quad Q9300 @ 2.50GHz		1,990	\$71.00
	Intel Pentium G3420 @ 3.20GHz		1,990	\$110.55
	Intel Core i3-3220T @ 2.80GHz		1,987	\$100.00*
	Intel Xeon X3320 @ 2.50GHz		1,986	\$229.50*
	Intel Xeon E5420 @ 2.50GHz		1,986	\$24.99*
	AMD Athlon X4 750 Quad Core		1,986	NA

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Intel Core i3-2130 @ 3.40GHz		1,984	\$87.66
Intel Core i3-3240T @ 2.90GHz		1,981	NA

 CPU Benchmarks

AMD A10-7400P		1,969	NA
Intel Core i5-2430M @ 2.40GHz		1,968	\$75.02*
Intel Celeron G3900TE @ 2.30GHz		1,967	\$42.00*
AMD A10-5757M APU		1,963	NA
Intel Core i7-620M @ 2.67GHz		1,959	\$100.01*
Intel Core i5-3317U @ 1.70GHz		1,958	\$225.00*
Intel Atom E3900 @ 1.60GHz		1,953	NA
Intel Celeron 4305UE @ 2.00GHz		1,950	NA
Intel Pentium G3250 @ 3.20GHz		1,949	\$30.00*
Intel Core i3-4120U @ 2.00GHz		1,948	NA
Intel Celeron J4025 @ 2.00GHz		1,946	NA
AMD Phenom 9850B Quad-Core		1,946	NA
Intel Core i7-2637M @ 1.70GHz		1,946	NA
AMD Phenom II X3 B77		1,945	\$22.29*
Intel Atom E3940 @ 1.60GHz		1,940	NA
Intel Celeron N3450 @ 1.10GHz		1,939	\$185.08*
AMD PRO A6-9500		1,938	\$74.00*
AMD A8-5550M APU		1,938	NA
Intel Xeon X6550 @ 2.00GHz		1,936	NA
Intel Xeon E5603 @ 1.60GHz		1,935	\$129.04*
Intel Xeon L5410 @ 2.33GHz		1,932	\$100.08*
Intel Xeon E5507 @ 2.27GHz		1,928	\$456.91*
Intel Core i7-2655LE @ 2.20GHz		1,928	NA
Intel Pentium G2120 @ 3.10GHz		1,926	\$74.99*
Intel Core2 Quad Q9100 @ 2.26GHz		1,923	\$385.89*
Intel Core i5-580M @ 2.67GHz		1,922	\$99.95*
Intel Core i7-820QM @ 1.73GHz		1,921	\$129.00*
Intel Core i5-2410M @ 2.30GHz		1,918	\$67.12*
AMD Athlon II X4 620		1,918	\$54.95
AMD Opteron 3320 EE		1,918	\$563.00*
Intel Core i3-4025U @ 1.90GHz		1,918	NA
AMD Opteron X2170 APU		1,911	NA
Intel Core i5-3439Y @ 1.50GHz		1,907	NA
Intel Core i5-4422E @ 1.80GHz		1,907	\$266.00*
Intel Core i3-2120 @ 3.30GHz		1,905	\$135.00
Intel Xeon E5410 @ 2.33GHz		1,905	\$88.00*
Intel Core M-5Y10a @ 0.80GHz		1,905	NA
AMD Athlon II X4 615e		1,904	\$59.00*
AMD Opteron 2419 EE		1,902	NA
AMD Opteron 1385		1,898	\$69.99*
Intel Core i7-840QM @ 1.87GHz		1,898	\$289.97*
AMD A10-5750M APU		1,896	\$92.86*
Intel Celeron G1850 @ 2.90GHz		1,895	\$79.99*
Intel Core i5-2510E @ 2.50GHz		1,889	NA
AMD FX-7500 APU		1,887	NA
AMD PRO A6-8550B		1,885	NA

Intel Xeon E5506 @ 2.13GHz		1,883	\$53.01*
AMD A6-9500		1,882	\$81.00

 CPU Benchmarks

Intel Core M-5Y10c @ 0.80GHz		1,881	\$281.00*
Intel Core i3-4030U @ 1.90GHz		1,880	NA
Intel Core i7-3555LE @ 2.50GHz		1,880	NA
Intel Pentium G3220 @ 3.00GHz		1,871	\$191.27
AMD Opteron 2378		1,864	\$14.49
AMD A10-4600M APU		1,864	\$99.95*
AMD Athlon II X4 610e		1,863	\$69.99*
AMD Phenom II X4 B05e		1,862	NA
Intel Pentium G3240 @ 3.10GHz		1,859	\$69.99*
AMD A10 PRO-7350B APU		1,857	NA
AMD Athlon 5370 APU		1,857	\$598.68*
Intel Pentium G2130 @ 3.20GHz		1,856	\$45.00*
AMD Athlon II X3 460		1,854	\$29.95*
Intel Core i5-4230U @ 1.90GHz		1,853	NA
Intel Core i3-4110U @ 1.90GHz		1,853	NA
Intel Pentium 1403 @ 2.60GHz		1,851	NA
AMD A6-7480		1,848	\$43.99*
Intel Core i3-2310E @ 2.10GHz		1,845	\$225.00*
AMD Phenom II X4 805		1,844	\$173.99*
AMD A6-9500E		1,841	\$97.20
Intel Xeon X3323 @ 2.50GHz		1,837	\$19.36*
Intel Pentium G3450 @ 3.40GHz		1,836	\$22.95*
AMD Athlon 5350 APU		1,828	\$64.99
AMD Phenom II X4 B15e		1,825	NA
Intel Core i3-3130M @ 2.60GHz		1,824	NA
AMD Phenom II X4 830		1,824	\$69.95
Intel Core i3-2330E @ 2.20GHz		1,823	NA
Intel Core i5-560M @ 2.67GHz		1,822	\$71.97
Intel Core M-5Y51 @ 1.10GHz		1,821	NA
AMD Athlon II X3 455		1,819	\$139.95
Intel Xeon X3220 @ 2.40GHz		1,819	\$62.97
Intel Core i7-610E @ 2.53GHz		1,818	NA
Intel Core i5-4302Y @ 1.60GHz		1,817	NA
AMD A8-6500T APU		1,816	\$59.95*
AMD A8-7410 APU		1,815	NA
Intel Core i3-2105 @ 3.10GHz		1,814	\$114.99*
Intel Xeon E5345 @ 2.33GHz		1,814	\$39.99*
Intel Core2 Extreme Q9300 @ 2.53GHz		1,810	NA
AMD GX-424CC SOC		1,807	NA
AMD A8-3800 APU		1,802	\$109.95*
Intel Core i7-2677M @ 1.80GHz		1,799	NA
Intel Pentium G3240T @ 2.70GHz		1,798	NA
AMD Phenom II X940 Quad-Core		1,797	NA
AMD Opteron 1381		1,797	NA
AMD GX-420MC SOC		1,796	NA
AMD Phenom X4 Quad-Core GP-9730		1,784	NA
AMD Athlon X3 455		1,783	NA

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PassMark CPU Benchmarks - Low Mid Range CPUs

	Intel Core i3-2100 @ 3.10GHz		1,782	\$25.00

🏠 CPU Benchmarks ▼

	Intel Core M-5Y10 @ 0.80GHz		1,779	NA
	AMD Phenom 9750 Quad-Core		1,778	\$49.95
	Intel Core2 Quad Q8200 @ 2.33GHz		1,777	\$136.26*
	AMD A6-3620 APU		1,774	\$22.49*
	AMD R-464L APU		1,773	NA
	AMD Athlon II X4 605e		1,771	\$98.68*
	Intel Core i5-540M @ 2.53GHz		1,771	\$251.00
	AMD Phenom II N830 3+1		1,768	NA
	AMD A8-6410 APU		1,766	NA
	AMD A10-4657M APU		1,759	NA
	Intel Core m3-6Y30 @ 0.90GHz		1,759	\$281.00*
	AMD Phenom 9950 Quad-Core		1,756	\$36.78*
	Intel Core2 Quad Q6600 @ 2.40GHz		1,753	\$189.95
	AMD A8-5557M APU		1,745	NA
	AMD A6-7470K		1,744	\$111.51
	HP Hexa-Core 2.0GHz		1,741	\$504.27*
	Intel Core i5-2435M @ 2.40GHz		1,738	NA
	AMD Athlon II X3 450		1,735	\$28.01
	AMD Athlon II X3 445		1,734	\$19.69*
	AMD PRO A4-8350B		1,733	\$28.99*
	AMD Opteron 2356		1,733	\$42.00
	Intel Core i7-740QM @ 1.73GHz		1,723	\$149.95*
	Intel Xeon L5408 @ 2.13GHz		1,723	NA
	AMD Phenom X2 Dual-Core GE-6060		1,722	NA
	Intel Core i3-4158U @ 2.00GHz		1,718	NA
	Intel Pentium G2030 @ 3.00GHz		1,718	\$29.00
	AMD Athlon II X4 600e		1,711	\$130.23*
	AMD Athlon II X3 440		1,708	\$17.95*
	Intel Celeron G1840 @ 2.80GHz		1,705	\$69.95
	Intel Core M-5Y70 @ 1.10GHz		1,705	NA
	AMD PRO A6-8500B		1,704	NA
	AMD Opteron 1356		1,703	\$89.99*
	Intel Core i5-520M @ 2.40GHz		1,701	\$36.02*
	AMD Phenom FX-5200 Quad-Core		1,699	NA
	AMD A6-7310 APU		1,699	NA
	AMD Phenom II X4 905e		1,696	\$53.99*
	Intel Core i3-2100T @ 2.50GHz		1,694	\$59.99*
	AMD Phenom 9850 Quad-Core		1,693	\$129.99*
	Intel Core i3-4000M @ 2.40GHz		1,692	\$49.86*
	Intel Pentium G2100T @ 2.60GHz		1,691	NA
	Intel Core i7-2617M @ 1.50GHz		1,687	NA
	AMD A6-6310 APU		1,686	NA
	AMD A9-9430		1,684	NA
	AMD A8-7100 APU		1,682	NA
	AMD PRO A6-7350B		1,679	NA
	Intel Xeon L5335 @ 2.00GHz		1,678	\$18.79*

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	Intel Core i3-4010U @ 1.70GHz		1,675	\$124.95*

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	AMD A8-4500M APU		1,673	\$69.95*
	Intel Core i5-4202Y @ 1.60GHz		1,670	NA
	AMD Phenom II X920 Quad-Core		1,669	NA
	AMD A10-7300 APU		1,666	NA
	Intel Core i3-4005U @ 1.70GHz		1,664	NA
	AMD Phenom 9600B Quad-Core		1,663	\$39.95*
	AMD PRO A6-9500E		1,662	\$74.00*
	AMD Phenom 9550 Quad-Core		1,659	\$17.95*
	Intel Celeron J4005 @ 2.00GHz		1,658	\$121.68
	Intel Core i5-4210Y @ 1.50GHz		1,651	NA
	Intel Atom C3558 @ 2.20GHz		1,650	\$86.00*
	AMD Phenom X4 Quad-Core GP-9600		1,649	NA
	Intel Pentium 4415Y @ 1.60GHz		1,649	\$161.00*
	AMD GX-420CA SOC		1,649	NA
	Intel Celeron G1630 @ 2.80GHz		1,646	\$49.99*
	Intel Pentium G2020 @ 2.90GHz		1,643	\$50.00
	Intel Core i3-3120M @ 2.50GHz		1,642	\$38.90*
	Intel Core i7-3689Y @ 1.50GHz		1,642	NA
	AMD Phenom II N950 Quad-Core		1,637	\$112.60*
	Intel Celeron N4020 @ 1.10GHz		1,636	NA
	AMD A6-3600 APU		1,636	\$24.95*
	AMD Opteron 2373 EE		1,635	NA
	AMD Embedded R-Series RX-216GD		1,628	NA
	Intel Core i5-2557M @ 1.70GHz		1,628	NA
	Intel Core i3-560 @ 3.33GHz		1,626	\$179.95*
	AMD PRO A4-3350B APU		1,624	NA
	Intel Core i7-640LM @ 2.13GHz		1,623	NA
	Intel Core i3-4030Y @ 1.60GHz		1,623	NA
	Intel Pentium G3320TE @ 2.30GHz		1,623	NA
	AMD Opteron 1354		1,620	\$238.01
	Intel Core i5 E 520 @ 2.40GHz		1,619	NA
	AMD PRO A6-8570		1,616	NA
	AMD A6-6400B APU		1,616	NA
	AMD A6-7400K APU		1,614	\$348.99
	Intel Celeron G1820T @ 2.40GHz		1,614	\$42.00*
	Intel Pentium G2120T @ 2.70GHz		1,613	NA
	AMD Athlon X4 620		1,612	\$64.95*
	AMD Phenom II N970 Quad-Core		1,612	\$149.99*
	AMD A10-4655M APU		1,611	NA
	Intel Xeon E5405 @ 2.00GHz		1,611	\$39.95*
	AMD Phenom 9600 Quad-Core		1,610	\$39.95*
	Intel Pentium 3560M @ 2.40GHz		1,609	NA
	Intel Celeron 2000E @ 2.20GHz		1,607	NA
	Intel Celeron G1820 @ 2.70GHz		1,605	\$29.99*
	AMD A6-8550		1,604	NA

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⌵	Intel Pentium G3250T @ 2.80GHz		1,602	\$89.99*	
⌵	AMD Athlon II X3 435		1,600	\$29.95*	

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⌵	AMD Athlon II X3 435		1,599	\$29.95*	
⌵	AMD A4-6250J APU		1,596	NA	
⌵	Intel Atom C3538 @ 2.10GHz		1,596	\$75.00*	
⌵	Intel Pentium G2030T @ 2.60GHz		1,595	\$64.00*	
⌵	AMD A10-5745M APU		1,594	NA	
⌵	Intel Celeron N4000C @ 1.10GHz		1,579	NA	
⌵	AMD A8-3550MX APU		1,579	NA	
⌵	Intel Celeron 3965U @ 2.20GHz		1,579	\$107.00*	
⌵	Intel Celeron G1840T @ 2.50GHz		1,576	NA	
⌵	Intel Core i3-3110M @ 2.40GHz		1,568	\$79.95*	
⌵	AMD Phenom X2 Dual-Core GE-5060		1,566	NA	
⌵	AMD A9-9425		1,565	NA	
⌵	AMD Phenom 9500 Quad-Core		1,560	\$18.95*	
⌵	Intel Core i5-4200Y @ 1.40GHz		1,558	NA	
⌵	Intel Celeron G1620 @ 2.70GHz		1,557	\$88.98*	
⌵	AMD Opteron X3216 APU		1,556	NA	
⌵	AMD A6 PRO-7400B		1,555	NA	
⌵	Intel Core i3-550 @ 3.20GHz		1,555	\$167.95	
⌵	AMD A4-7210 APU		1,554	NA	
⌵	AMD E2-7110 APU		1,552	NA	
⌵	AMD A6-6420B APU		1,550	NA	
⌵	Intel Xeon E5335 @ 2.00GHz		1,549	\$17.77*	
⌵	ZHAOXIN KaiXian ZX-C+ C4700@2.0GHz		1,547	NA	
⌵	AMD A8-5545M APU		1,545	NA	
⌵	AMD Athlon II X3 425		1,544	\$26.99*	
⌵	Intel Pentium 4425Y @ 1.70GHz		1,544	\$161.00*	
⌵	Intel Pentium 2030M @ 2.50GHz		1,542	\$134.00*	
⌵	Intel Celeron 3955U @ 2.00GHz		1,542	NA	
⌵	AMD A6-6420K APU		1,538	\$149.99*	
⌵	AMD Phenom II X3 B73		1,538	\$75.00*	
⌵	AMD A6-5200 APU		1,537	NA	
⌵	AMD A9-9420		1,536	NA	
⌵	AMD Phenom II N930 Quad-Core		1,533	\$129.95*	
⌵	Intel Core i5-4300Y @ 1.60GHz		1,532	NA	
⌵	Intel Xeon E5504 @ 2.00GHz		1,529	\$59.95*	
⌵	AMD Embedded G-Series GX-420GI Radeon R7E		1,527	NA	
⌵	Intel Xeon X5270 @ 3.50GHz		1,524	NA	
⌵	AMD A4-7300 APU		1,522	\$138.00	
⌵	AMD Phenom 9750B Quad-Core		1,520	NA	
⌵	AMD Phenom 9450e Quad-Core		1,519	\$105.00*	
⌵	AMD A4 PRO-3340B		1,519	NA	
⌵	Intel Pentium 4405Y @ 1.50GHz		1,518	NA	
⌵	Intel Celeron G1830 @ 2.80GHz		1,518	\$94.95*	
⌵	AMD PRO A6-8570E		1,517	NA	
⌵	AMD Athlon X3 425		1,516	NA	
⌵	Intel Pentium G3220T @ 2.60GHz		1,515	\$89.98	
⌵	AMD A4-7300 APU		1,515	NA	

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Intel Pentium G870 @ 3.10GHz		1,515	\$97.00*
AMD Opteron 2354		1,509	\$285.19

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AMD Phenom II X4 900e		1,505	NA
AMD Athlon X2 370K Dual Core		1,504	NA
Intel Pentium G860 @ 3.00GHz		1,502	\$72.99*
AMD Phenom 9350e Quad-Core		1,501	\$3,382.07*
Intel Celeron 2970M @ 2.20GHz		1,501	NA
Intel Core i5-3339Y @ 1.50GHz		1,499	NA
AMD PRO A6-8530B		1,498	NA
AMD A9-9410		1,497	NA
AMD Athlon II X3 420e		1,495	\$116.15*
AMD Phenom II X3 720		1,485	\$109.55*
AMD A8-3510MX APU		1,483	\$77.11*
AMD A4-6320 APU		1,483	\$69.99*
Intel Pentium G2010 @ 2.80GHz		1,482	\$14.99*
AMD A8-3530MX APU		1,480	NA
Pentium Dual-Core E6000 @ 3.46GHz		1,472	NA
Intel Core i5-2467M @ 1.60GHz		1,472	NA
Intel Xeon E7320 @ 2.13GHz		1,469	NA
AMD Phenom II X3 710		1,467	\$84.53*
Intel Celeron 3867U @ 1.80GHz		1,467	\$107.00*
Intel Core i3-2120T @ 2.60GHz		1,462	\$140.00*
AMD Opteron 1352		1,462	\$135.99*
Intel Celeron N4000 @ 1.10GHz		1,460	\$107.00*
Intel Celeron G1610 @ 2.60GHz		1,453	\$37.00
Intel Celeron 5205U @ 1.90GHz		1,451	\$107.00*
Intel Xeon X5272 @ 3.40GHz		1,451	\$140.00*
Intel Xeon E5240 @ 3.00GHz		1,448	\$88.78*
AMD A4 PRO-7300B APU		1,448	NA
AMD A4-6210 APU		1,443	NA
AMD A8 PRO-7150B APU		1,443	NA
AMD Athlon II X3 415e		1,441	\$75.00*
AMD Athlon X3 440		1,438	\$87.99*
Intel Core i3-530 @ 2.93GHz		1,438	\$52.00
Intel Core i3-4020Y @ 1.50GHz		1,437	NA
Intel Xeon E3113 @ 3.00GHz		1,429	\$9.79*
AMD Phenom II X3 740		1,424	\$88.99*
Intel Core2 Quad Q9000 @ 2.00GHz		1,421	\$389.00*
AMD A6-5400B APU		1,413	\$28.94*
Intel Pentium 3550M @ 2.30GHz		1,412	\$215.92
Intel Atom C2558 @ 2.40GHz		1,410	\$136.00*
Intel Core i7-2610UE @ 1.50GHz		1,409	NA
Intel Pentium J3710 @ 1.60GHz		1,409	NA
Intel Core2 Duo E8290 @ 2.83GHz		1,408	NA
AMD Phenom II X4 910		1,407	\$100.00*
Intel Xeon E3-1220L v3 @ 1.10GHz		1,407	NA
Intel Celeron 1020E @ 2.20GHz		1,406	NA

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AMD A6-6400K APU		1,404	\$39.95*
AMD Phenom II X2 565		1,404	\$168.87*

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AMD Phenom II X2 565		1,404	\$168.87*
Intel Pentium G6951 @ 2.80GHz		1,401	\$94.00*
Intel Core i5-4220Y @ 1.60GHz		1,400	NA
AMD Phenom 8600B Triple-Core		1,398	\$14.95*
AMD Phenom II P960 Quad-Core		1,397	\$39.12*
AMD A6-8500P		1,396	NA
AMD A6-9220		1,393	NA
AMD Phenom II X3 700e		1,391	NA
Intel Pentium 4410Y @ 1.50GHz		1,387	\$161.00*
AMD E1-6050J APU		1,385	NA
AMD A9-9400		1,385	NA
Intel Xeon L5310 @ 1.60GHz		1,385	\$112.50*
AMD A6-3500 APU		1,381	\$66.78
Intel Atom x7-Z8750 @ 1.60GHz		1,373	NA
Intel Core i3-2312M @ 2.10GHz		1,369	NA
Intel Pentium 2020M @ 2.40GHz		1,369	\$134.00*
Intel Core i7-620LM @ 2.00GHz		1,367	NA
AMD GX-415GA SOC		1,363	NA
Intel Core i3-3217UE @ 1.60GHz		1,362	NA
Intel Celeron G1610T @ 2.30GHz		1,362	\$14.98*
Intel Pentium 3825U @ 1.90GHz		1,361	NA
AMD Athlon II X2 280		1,355	\$76.89*
Intel Core2 Duo E8600 @ 3.33GHz		1,355	\$96.00
Intel Core i3-2332M @ 2.20GHz		1,353	NA
AMD Athlon 5150 APU		1,352	\$98.86*
AMD A6-9225		1,350	NA
AMD A4-5100 APU		1,346	NA
Intel Pentium N3710 @ 1.60GHz		1,345	NA
AMD A4-6300 APU		1,344	\$79.88
AMD A4-5050 APU		1,343	NA
AMD A8-3520M APU		1,340	\$55.00*
AMD Phenom II X2 570		1,340	NA
Intel Xeon L3110 @ 3.00GHz		1,338	NA
AMD A6-3410MX APU		1,338	\$3.99*
AMD Phenom II X2 B59		1,337	\$38.05
Intel Xeon L5240 @ 3.00GHz		1,337	\$31.40*
AMD Athlon II X3 400e		1,331	\$107.43*
Intel Atom C2550 @ 2.40GHz		1,331	NA
AMD Athlon II X3 405e		1,331	\$79.99*
AMD A6-3430MX APU		1,331	NA
Intel Xeon E3120 @ 3.16GHz		1,330	NA
AMD A4-6300B APU		1,328	\$27.95*
AMD Phenom II X4 810		1,328	\$24.95*
AMD Athlon X2 280		1,327	\$33.49*
AMD A8-4555M APU		1,327	NA
Intel Core i5 750S @ 2.40GHz		1,326	\$99.99*
Intel Atom T5700 @ 1.70GHz		1,326	NA

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Intel Atom x7-Z8700 @ 1.60GHz		1,325	\$73.63*
VIA QuadCore C4650@2.0GHz		1,323	NA

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Intel Pentium N3700 @ 1.60GHz		1,320	\$444.78*
AMD Phenom II X2 560		1,319	\$64.99*
Intel Celeron J3160 @ 1.60GHz		1,318	NA
AMD Phenom II P940 Quad-Core		1,318	NA
AMD Opteron 2393 SE		1,317	NA
Intel Core i3-4010Y @ 1.30GHz		1,310	NA
Intel Pentium G645 @ 2.90GHz		1,309	\$30.00*
Intel Pentium G2020T @ 2.50GHz		1,308	\$47.60*
Intel Xeon E5310 @ 1.60GHz		1,306	\$49.00*
AMD Phenom II X2 555		1,301	\$289.95
AMD Athlon II X2 270		1,300	\$38.48*
Intel Pentium G630 @ 2.70GHz		1,299	\$60.00
AMD Phenom X4 Quad-Core GP-9500		1,297	NA
Intel Celeron G550 @ 2.60GHz		1,295	\$49.00
Intel Pentium G6960 @ 2.93GHz		1,293	NA
AMD A4-5000 APU		1,293	NA
AMD Athlon X2 340 Dual Core		1,292	\$49.99*
AMD A10 Micro-6700T APU		1,291	NA
Intel Core i3-3227U @ 1.90GHz		1,285	NA
Intel Celeron 3765U @ 1.90GHz		1,285	NA
Intel Core i7-660UM @ 1.33GHz		1,284	NA
Intel Core i5-460M @ 2.53GHz		1,283	\$64.95
Intel Pentium G840 @ 2.80GHz		1,283	\$34.99*
Intel Celeron 2950M @ 2.00GHz		1,282	NA
Intel Core i3-2370M @ 2.40GHz		1,282	\$36.99
AMD Phenom 8850B Triple-Core		1,281	NA
AMD A6-9230		1,279	NA
AMD Phenom 9100e Quad-Core		1,279	\$29.95*
AMD Sempron 240		1,278	\$38.00
Intel Celeron 1020M @ 2.10GHz		1,275	NA
AMD A6-9220C		1,273	NA
AMD Embedded G-Series GX-224IJ Radeon R4E		1,271	NA
Intel Celeron G555 @ 2.70GHz		1,268	\$39.00
AMD Phenom 9150e Quad-Core		1,267	\$39.95*
AMD A4-9125		1,267	NA
Intel Pentium G850 @ 2.90GHz		1,267	\$187.99*
Intel Pentium A1020 @ 2.41GHz		1,265	NA
AMD Phenom II X620 Dual-Core		1,262	NA
AMD A6-5357M APU		1,260	NA
Intel Core i3-330E @ 2.13GHz		1,260	NA
Intel Core i3-4012Y @ 1.50GHz		1,256	NA
Intel Core2 Extreme X9000 @ 2.80GHz		1,252	\$409.95*
Intel Celeron 4205U @ 1.80GHz		1,251	\$107.00*
AMD A4-9120		1,251	NA
AMD Phenom 8750 Triple-Core		1,250	NA

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AMD A4-5300 APU		1,246	\$26.95*
AMD A6-5400K APU		1,244	\$52.02

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Intel Core2 Duo E8500 @ 3.16GHz		1,241	\$129.95
Intel Pentium G645T @ 2.50GHz		1,241	NA
Intel Celeron J3355 @ 2.00GHz		1,238	NA
Intel Pentium G620 @ 2.60GHz		1,238	\$24.99*
AMD Phenom II N850 Triple-Core		1,238	\$25.00*
Intel Xeon @ 2.20GHz		1,237	NA
AMD Athlon II X2 B26		1,236	\$39.54*
Intel Core i3-3229Y @ 1.40GHz		1,236	NA
Intel Core i3-2348M @ 2.30GHz		1,234	NA
AMD A6-3420M APU		1,231	NA
Intel Core i3-390M @ 2.67GHz		1,231	\$38.95*
Intel Core2 Duo T9900 @ 3.06GHz		1,230	\$398.95*
Intel Celeron 3865U @ 1.80GHz		1,229	NA
AMD Phenom X4 Quad-Core GP-9530		1,228	NA
Intel Core i3-2330M @ 2.20GHz		1,226	\$87.39
Intel Core i3-2328M @ 2.20GHz		1,226	\$92.97*
Intel Core i5-450M @ 2.40GHz		1,226	\$31.95*
AMD A8-3500M APU		1,224	\$59.95
AMD Phenom II X3 705e		1,222	\$152.34*
Intel Pentium G640 @ 2.80GHz		1,222	\$30.00
Intel Pentium J2900 @ 2.41GHz		1,222	NA
Intel Celeron 3965Y @ 1.50GHz		1,220	\$107.00*
Intel Core i5-430M @ 2.27GHz		1,218	\$139.95*
AMD Phenom II X2 545		1,217	\$43.98*
AMD Phenom II X2 B55		1,216	\$47.95*
Intel Core2 Duo E8335 @ 2.93GHz		1,216	NA
AMD R-272F APU		1,215	NA
Intel Core2 Duo E8435 @ 3.06GHz		1,213	\$59.99*
AMD Phenom X3 8550		1,212	\$169.95*
AMD Phenom 8600 Triple-Core		1,210	\$52.99*
Intel Core i3-2350M @ 2.30GHz		1,209	\$26.81
Intel Pentium N3540 @ 2.16GHz		1,200	\$250.87*
Intel Celeron 3855U @ 1.60GHz		1,199	NA
AMD Opteron 2222		1,198	\$19.00*
Intel Core i7-680UM @ 1.47GHz		1,196	NA
Intel Celeron N3150 @ 1.60GHz		1,195	NA
Intel Pentium G6950 @ 2.80GHz		1,192	\$73.69*
AMD A6-3400M APU		1,191	\$29.97*
AMD Phenom II X2 521		1,190	NA
Intel Xeon X5260 @ 3.33GHz		1,188	\$39.99*
AMD Phenom 8750B Triple-Core		1,188	NA
Intel Core2 Duo E8235 @ 2.80GHz		1,186	NA
AMD A4-4000 APU		1,185	\$34.98*
AMD Phenom 8650 Triple-Core		1,185	\$14.89*
AMD R-460L APU		1,183	NA
AMD Phenom II P860 Triple-Core		1,183	NA

AMD Athlon II X2 265		1,182	\$82.88*
Intel Celeron 3755U @ 1.70GHz		1,182	NA

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Intel Pentium N3530 @ 2.16GHz		1,177	NA
Intel Core i3-3217U @ 1.80GHz		1,177	\$208.00*
Intel Core i3-2310M @ 2.10GHz		1,175	\$38.81*
Intel Celeron G540T @ 2.10GHz		1,174	NA
Intel Core2 Duo E8335 @ 2.66GHz		1,172	NA
Intel Pentium E6800 @ 3.33GHz		1,172	\$24.95*
Intel Core2 Duo T9800 @ 2.93GHz		1,172	\$423.89*
Intel Atom x5-Z8550 @ 1.44GHz		1,171	NA
Intel Pentium E5800 @ 3.20GHz		1,171	\$11.95*
AMD A9-9420e		1,169	NA
Intel Celeron N3160 @ 1.60GHz		1,166	\$349.00*
AMD Phenom II X640 Dual-Core		1,165	NA
Intel Core2 Duo E8400 @ 3.00GHz		1,164	\$18.43*
AMD Phenom II X2 511		1,163	NA
Intel Core2 Extreme X9100 @ 3.06GHz		1,162	\$851.00*
AMD Phenom II P920 Quad-Core		1,160	\$65.00*
Intel Core2 Duo P9700 @ 2.80GHz		1,160	NA
AMD Sempron 3850 APU		1,159	\$79.68*
AMD QC-4000		1,155	NA
AMD Phenom II X2 B53		1,155	NA
AMD Athlon II X2 210e		1,148	NA
AMD Phenom II X2 550		1,146	\$226.86
AMD A6-9210		1,146	NA
AMD A6 Micro-6500T APU		1,146	NA
AMD Phenom 8850 Triple-Core		1,142	NA
Intel Pentium G640T @ 2.40GHz		1,139	\$83.99*
AMD Phenom II N870 Triple-Core		1,139	NA
Intel Core2 Extreme X7800 @ 2.60GHz		1,138	NA
Intel Core2 Duo E7600 @ 3.06GHz		1,138	\$119.95*
Intel Celeron N3350 @ 1.10GHz		1,138	\$233.79
Intel Pentium 2127U @ 1.90GHz		1,137	\$134.00*
AMD Phenom 8450e Triple-Core		1,134	NA
Intel Core i3-380M @ 2.53GHz		1,132	\$49.95
AMD A4-5150M APU		1,129	NA
AMD A8-7050		1,129	NA
Intel Atom Z3795 @ 1.60GHz		1,128	NA
Intel Celeron G530 @ 2.40GHz		1,126	\$39.99*
Intel Core2 Duo E6850 @ 3.00GHz		1,123	\$49.99*
AMD A6-5345M APU		1,122	NA
Intel Core i3-370M @ 2.40GHz		1,121	\$24.81
Intel Xeon 3075 @ 2.66GHz		1,121	\$349.95*
Intel Pentium E6500 @ 2.93GHz		1,120	\$34.99*
Intel Xeon L5320 @ 1.86GHz		1,118	\$69.99*
Intel Pentium A1018 @ 2.10GHz		1,117	NA
Intel Celeron G1820TE @ 2.20GHz		1,115	NA
AMD Phenom 8250 Triple-Core		1,114	NA
Intel Celeron J1900 @ 1.99GHz		1,114	NA

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	AMD E2-6110 APU		1,114	NA

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Intel Pentium N3520 @ 2.16GHz		1,104	NA
Intel Celeron G550T @ 2.20GHz		1,102	NA
Intel Celeron 3215U @ 1.70GHz		1,102	NA
AMD Phenom II P840 Triple-Core		1,100	NA
Intel Core2 Duo E7500 @ 2.93GHz		1,099	\$13.90*
AMD Phenom II X2 B57		1,099	NA
Intel Xeon W3503 @ 2.40GHz		1,098	\$9.99*
Intel Core i5-2537M @ 1.40GHz		1,094	NA
Intel Celeron 2002E @ 1.50GHz		1,091	\$86.00*
AMD Phenom 8450 Triple-Core		1,091	\$22.05
AMD Athlon 64 X2 Dual Core 6400+		1,089	\$249.95
AMD Opteron 1222		1,089	NA
Intel Core2 Duo E6700 @ 2.66GHz		1,089	\$29.99*
Intel Core2 Duo P9600 @ 2.66GHz		1,087	NA
AMD Athlon X2 250		1,087	NA
Intel Atom C2538 @ 2.40GHz		1,086	\$104.00*
Intel Celeron G1101 @ 2.27GHz		1,086	\$19.77*
AMD Phenom 8400 Triple-Core		1,085	NA
AMD Phenom 8250e Triple-Core		1,084	\$46.99*
AMD A4-5300B APU		1,084	\$25.95*
Intel Pentium E6700 @ 3.20GHz		1,084	\$149.95
Intel Core2 Duo T9600 @ 2.80GHz		1,083	\$58.88*
Intel Atom x5-E8000 @ 1.04GHz		1,074	NA
Intel Core2 Duo E8135 @ 2.66GHz		1,073	NA
Intel Atom x5-E3930 @ 1.30GHz		1,073	NA
AMD Embedded G-Series GX-215JJ Radeon R2E		1,071	NA
Intel Xeon W3505 @ 2.53GHz		1,071	\$24.86*
Intel Xeon 3085 @ 3.00GHz		1,070	NA
AMD Athlon II X2 250		1,069	\$28.95
AMD Phenom II P820 Triple-Core		1,068	NA
Intel Celeron N2940 @ 1.83GHz		1,065	NA
AMD Phenom II N660 Dual-Core		1,065	\$89.00*
AMD PRO A4-4350B		1,064	NA
Intel Pentium B970 @ 2.30GHz		1,063	\$50.99*
AMD Phenom X4 Quad-Core GS-6560		1,063	NA
AMD A6-9200		1,061	NA
Intel Xeon 5148 @ 2.33GHz		1,056	\$24.00*
Intel Celeron 2980U @ 1.60GHz		1,056	NA
Intel Celeron G530T @ 2.00GHz		1,055	\$16.99*
AMD A4-4300M APU		1,055	\$29.86
AMD Athlon II X2 B24		1,054	\$24.10
AMD A4-4020 APU		1,054	\$93.00
Intel Celeron 1005M @ 1.90GHz		1,050	NA
AMD A6-5350M APU		1,049	\$33.12
Intel Core i3-350M @ 2.27GHz		1,049	\$34.05*

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AMD A4-3400 APU		1,049	\$77.95
Intel Xeon 5160 @ 3.00GHz		1,047	\$49.99*

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AMD A4-3400 APU		1,049	\$77.95
Intel Celeron G540 @ 2.50GHz		1,044	\$11.03*
AMD Athlon II X2 B28		1,040	\$39.05
AMD Athlon II X2 235e		1,040	\$16.99*
AMD GX-222GC SOC		1,038	NA
Intel Core2 Duo E8300 @ 2.83GHz		1,038	\$19.99*
Intel Pentium 3805U @ 1.90GHz		1,037	NA
AMD Opteron 2218		1,036	\$96.41
AMD Opteron 1220		1,036	NA
Intel Pentium E5700 @ 3.00GHz		1,032	\$19.45*
Intel Celeron U1900 @ 1.99GHz		1,028	NA
AMD A6-4400M APU		1,027	\$10.95
Intel Core i7-640UM @ 1.20GHz		1,026	NA
Intel Xeon 3070 @ 2.66GHz		1,025	\$176.96*
AMD A4 PRO-7350B		1,024	NA
AMD Athlon II X2 245		1,022	\$13.69*
Intel Core2 Extreme X7900 @ 2.80GHz		1,018	\$149.95
AMD A6-9220e		1,017	NA
Intel Pentium 3558U @ 1.70GHz		1,016	NA
Intel Pentium J2850 @ 2.41GHz		1,016	NA
AMD Athlon X2 240e		1,015	NA
Intel Core i5-560UM @ 1.33GHz		1,015	NA
AMD Athlon II X2 B22		1,014	\$41.69*
AMD Athlon II X2 260		1,013	\$18.95*
AMD Turion II Ultra Dual-Core Mobile M660		1,011	NA
AMD A4-3420 APU		1,010	\$12.95*
AMD Phenom X2 Dual-Core GE-7060		1,010	NA
AMD A6-7000		1,010	NA
AMD Turion II Ultra Dual-Core Mobile M640		1,010	NA
Intel Celeron 1000M @ 1.80GHz		1,009	NA
AMD Athlon II X2 245e		1,008	\$83.45*
Intel Pentium E6600 @ 3.06GHz		1,005	\$104.99*
AMD E2-3800 APU		1,004	NA
Intel Core2 Extreme X6800 @ 2.93GHz		1,004	\$263.64*
AMD A4 Micro-6400T APU		1,004	NA
Intel Core i5-540UM @ 1.20GHz		1,002	NA
Intel Pentium E5500 @ 2.80GHz		998	\$15.99
AMD Athlon X2 215		996	NA
Intel Core2 Duo E8200 @ 2.66GHz		996	\$49.99*
Intel Pentium 2117U @ 1.80GHz		996	\$134.00*
Intel Core2 Duo T9500 @ 2.60GHz		995	\$108.02*
AMD A4-3300 APU		994	\$12.99
Intel Celeron 2981U @ 1.60GHz		991	NA
AMD E2-9010		991	NA
Intel Celeron N2930 @ 1.83GHz		988	NA
Intel Pentium 3556U @ 1.70GHz		986	NA

Intel Pentium Extreme Edition 965 @ 3.73GHz		982	NA
Intel Core2 Duo E6700 @ 3.0GHz		979	\$19.99
AMD A6-1450 APU		979	NA
AMD Athlon II X2 240e		977	\$23.89*
Intel Core i3-2340UE @ 1.30GHz		976	NA
Intel Pentium B980 @ 2.40GHz		975	\$69.95*
Intel Pentium E5300 @ 2.60GHz		975	\$59.50
Intel Core2 Duo P9600 @ 2.53GHz		972	\$99.00*
AMD Athlon II X2 240		972	\$24.95
AMD Athlon 64 FX-74		972	\$499.50*
AMD Phenom II N620 Dual-Core		968	\$3.99*
Intel Pentium P6300 @ 2.27GHz		967	NA
AMD GX-412HC		966	NA
AMD Phenom II N640 Dual-Core		965	\$64.95*
Intel Core i7-620UM @ 1.07GHz		964	NA
Intel Core2 Duo E7400 @ 2.80GHz		963	\$28.99*
Intel Core2 Duo E7200 @ 2.53GHz		963	\$49.00*
Intel Atom E3845 @ 1.91GHz		962	NA
Intel Pentium G630T @ 2.30GHz		959	\$79.99*
AMD Athlon II X2 4400e		958	NA
Intel Core i3-330M @ 2.13GHz		957	\$149.95
Intel Pentium B950 @ 2.10GHz		957	NA
AMD Opteron 285		956	\$24.95*
AMD Athlon II X2 220		954	\$22.19
AMD R-260H APU		954	NA
Intel Celeron 1017U @ 1.60GHz		953	NA
AMD Opteron 290		952	\$135.00*
AMD Athlon 64 X2 Dual Core 6000+		950	\$38.50
Intel Core2 Duo SP9400 @ 2.40GHz		948	\$284.00*
Intel Celeron 1037U @ 1.80GHz		947	NA
VIA Eden X4 C4250 @ 1.2+GHz		944	NA
AMD Athlon 64 FX-62 Dual Core		943	NA
Intel Celeron J1850 @ 1.99GHz		942	NA
Intel Xeon 3060 @ 2.40GHz		939	\$22.99*
AMD Athlon X2 255		938	NA
AMD A4-9120C		937	NA
Intel Celeron E3500 @ 2.70GHz		935	\$21.00
Intel Core2 Duo P9500 @ 2.53GHz		933	\$998.99*
Intel Core i3-2367M @ 1.40GHz		933	NA
Intel Core2 Duo T7800 @ 2.60GHz		932	\$607.99*
Intel Pentium E6300 @ 2.80GHz		932	\$122.65
AMD Sempron X2 198 Dual-Core		930	NA
Intel Celeron B840 @ 1.90GHz		930	NA
Intel Core2 Duo E7300 @ 2.66GHz		929	\$11.95*
Intel Core i5-520UM @ 1.07GHz		928	NA
Intel Xeon L3406 @ 2.27GHz		928	\$277.01*
Intel Atom x5-Z8350 @ 1.44GHz		927	\$21.00*
Intel Core2 Duo P7570 @ 2.26GHz		926	NA

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	Intel Core2 Duo T9400 @ 2.53GHz		926\$34.95*

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Mobile Mobile			
	AMD E2-9030		922NA
	AMD Athlon X2 240		921NA
	Intel Celeron 3205U @ 1.50GHz		920\$287.04*
	Intel Core2 Duo P8700 @ 2.53GHz		918\$45.49*
	Intel Core i3-2375M @ 1.50GHz		915NA
	AMD Turion II Dual-Core Mobile M540		912NA
	AMD Opteron 1218		910NA
	Intel Core2 Duo P9300 @ 2.26GHz		909NA
	AMD Opteron 2220 SE		909\$25.00*
	Intel Xeon 3.73GHz		901NA
	Intel Core2 Duo P7550 @ 2.26GHz		900\$229.99*
	AMD Athlon II N370 Dual-Core		899NA
	Intel Pentium G620T @ 2.20GHz		896\$79.99*
	Intel Pentium P6200 @ 2.13GHz		893\$44.95*
	AMD Athlon II X2 215		890\$28.97*
	Intel Pentium E5400 @ 2.70GHz		888\$59.97*
	Intel Xeon 5133 @ 2.20GHz		887NA
	Intel Celeron N2920 @ 1.86GHz		887NA
	AMD Athlon 64 X2 Dual Core 5600+		886\$109.95
	AMD Phenom X2 Dual-Core GP-7730		884NA
	Intel Core2 Duo E6550 @ 2.33GHz		883\$14.95*
	AMD Athlon 7750 Dual-Core		880\$79.99
	AMD Sempron X2 190		879\$83.44*
	AMD A4-3320M APU		877\$36.90
	Intel Pentium N3510 @ 1.99GHz		877NA
	AMD Turion II N550 Dual-Core		877NA
	AMD E2-9000		876NA
	Athlon 64 Dual Core 5600+		875NA

PassMark - CPU Mark

Low Mid Range CPUs

Updated 19th of October 2020

CPU	CPU Value (Mark/Price)	CPU Mark	Price (USD)
Intel Core M-5Y71 @ 1.20GHz	7.7	2,158	\$281.00*
Intel Xeon X3350 @ 2.66GHz	36.0	2,158	\$59.99*
Intel Core i5-4250U @ 1.30GHz	6.2	2,158	\$349.00*
AMD A8-7200P	NA	2,156	NA
AMD A8-3850 APU	16.2	2,155	\$132.67
Intel Xeon X3360 @ 2.83GHz	53.8	2,151	\$39.99*
Intel Atom E3950 @ 1.60GHz	NA	2,147	NA
AMD Athlon II X4 641 Quad-Core	26.8	2,143	\$79.86*
Intel Core i3-5020U @ 2.20GHz	4.7	2,141	\$459.00*
Intel Core i7-3517UE @	...	...	...

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1.70GHz	NA	2,141	NA
Intel Core i5-2560M @	NA	2,131	NA

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Intel Core2 Extreme Q6850 @ 3.00GHz		1.4	2,129	\$1,495.95*
Intel Pentium G3430 @ 3.30GHz		23.7	2,129	\$89.99*
AMD Phenom II X4 925		71.0	2,127	\$29.95*
Intel Pentium N4200 @ 1.10GHz		9.3	2,126	\$228.71*
AMD Athlon II X4 640		33.2	2,126	\$64.02
AMD Athlon X4 640		NA	2,115	NA
Intel Xeon X3363 @ 2.83GHz		24.1	2,112	\$87.60*
Intel Celeron G3930T @ 2.70GHz		52.8	2,109	\$39.95*
AMD Phenom II X4 B25		NA	2,108	NA
Intel Pentium G3440T @ 2.80GHz		NA	2,107	NA
AMD Phenom II X4 B93		NA	2,104	NA
AMD Athlon II X4 631 Quad-Core		60.0	2,095	\$34.89*
Intel Core m5-6Y54 @ 1.10GHz		NA	2,093	NA
Intel Pentium 4405U @ 2.10GHz		NA	2,080	NA
AMD Opteron 1389		NA	2,079	NA
Intel Core2 Quad Q9505 @ 2.83GHz		10.9	2,079	\$190.00*
Intel Core i5-2415M @ 2.30GHz		NA	2,078	NA
AMD Athlon II X4 655		NA	2,078	NA
AMD Opteron 2384		7.8	2,074	\$264.61
AMD Phenom II X4 B45		NA	2,065	NA
AMD Opteron 3250 HE		20.8	2,061	\$99.00*
AMD Athlon II X4 630		42.9	2,061	\$48.04
Intel Pentium G2140 @ 3.30GHz		25.2	2,059	\$81.56*
AMD Opteron 4162 EE		103.0	2,058	\$19.99*
Intel Pentium G3260 @ 3.30GHz		187.5	2,056	\$10.97*
Intel Xeon X3230 @ 2.66GHz		5.9	2,056	\$349.95*
Intel Atom C2758 @ 2.40GHz		9.6	2,056	\$214.86*
Intel Xeon L5420 @ 2.50GHz		74.7	2,055	\$27.50*
Intel Core2 Quad Q9400 @ 2.66GHz		54.0	2,053	\$38.03*
AMD Phenom II X4 920		73.5	2,051	\$27.89*
Intel Xeon E3-1220L @ 2.20GHz		NA	2,050	NA
Intel Core i7-640M @ 2.80GHz		10.8	2,050	\$189.85*
AMD A6-3650 APU		85.7	2,049	\$23.89*
Intel Core i3-5015U @ 2.10GHz		NA	2,047	NA
Intel Core i5-2450M @ 2.50GHz		30.1	2,046	\$68.02*
AMD A6-3670 APU		3.4	2,045	\$610.00*
Intel Pentium G3420T @ 2.70GHz		12.8	2,044	\$159.99*
Intel Pentium G3258 @ 3.20GHz		17.0	2,039	\$120.00
Intel Core i3-5005U @		NA	2,038	NA

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	2.00GHz		NA	2,030	NA
	Intel Core i3-3210 @ 2.80GHz		10.2	2,036	\$199.00*

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	Intel Core2 Quad Q9450 @ 2.66GHz		57.0	2,035	\$35.70*
	AMD Phenom II X4 820		31.3	2,034	\$64.95*
	Intel Celeron G3900E @ 2.40GHz		19.0	2,034	\$107.00*
	Intel Core i3-2102 @ 3.10GHz		35.0	2,029	\$58.00*
	Intel Xeon E7- 2830 @ 2.13GHz		1.1	2,027	\$1,779.00*
	AMD Athlon II X4 638 Quad-Core		76.5	2,026	\$26.49*
	AMD A8-3820 APU		45.0	2,023	\$44.95*
	Intel Xeon X3330 @ 2.66GHz		9.6	2,021	\$210.00*
	Intel Core i5-655K @ 3.20GHz		33.6	2,017	\$59.99*
	Intel Pentium G3450T @ 2.90GHz		NA	2,016	NA
	Intel Core2 Extreme Q9200 @ 2.40GHz		NA	2,011	NA
	AMD Athlon II X4 635		33.5	2,008	\$59.95
	AMD Phenom II X4 910e		28.7	2,006	\$69.90*
	AMD Opteron 2427		36.3	1,995	\$55.00*
	Intel Pentium G3260T @ 2.90GHz		22.1	1,993	\$89.99*
	Intel Core2 Quad Q8400 @ 2.66GHz		8.7	1,991	\$229.95*
	Intel Core2 Quad Q9300 @ 2.50GHz		28.0	1,990	\$71.00
	Intel Pentium G3420 @ 3.20GHz		18.0	1,990	\$110.55
	Intel Core i3-3220T @ 2.80GHz		19.9	1,987	\$100.00*
	Intel Xeon X3320 @ 2.50GHz		8.7	1,986	\$229.50*
	Intel Xeon E5420 @ 2.50GHz		79.5	1,986	\$24.99*
	AMD Athlon X4 750 Quad Core		NA	1,986	NA
	Intel Core i3-2130 @ 3.40GHz		22.6	1,984	\$87.66
	Intel Core i3-3240T @ 2.90GHz		NA	1,981	NA
	Intel Xeon X5355 @ 2.66GHz		52.1	1,979	\$37.99*
	Intel Core M-5Y31 @ 0.90GHz		NA	1,972	NA
	AMD A10-7400P		NA	1,969	NA
	Intel Core i5-2430M @ 2.40GHz		26.2	1,968	\$75.02*
	Intel Celeron G3900TE @ 2.30GHz		46.8	1,967	\$42.00*
	AMD A10-5757M APU		NA	1,963	NA
	Intel Core i7-620M @ 2.67GHz		19.6	1,959	\$100.01*
	Intel Core i5-3317U @ 1.70GHz		8.7	1,958	\$225.00*
	Intel Atom E3900 @ 1.60GHz		NA	1,953	NA
	Intel Celeron 4305UE @ 2.00GHz		NA	1,950	NA
	Intel Pentium G3250 @ 3.20GHz		65.0	1,949	\$30.00*
	Intel Core i3-4120U @ 2.00GHz		NA	1,948	NA
	Intel Celeron J4025 @ 2.00GHz		NA	1,946	NA

	AMD Phenom 9850B Quad-Core	NA	1,946	NA
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	AMD Phenom II X3 B77		81.2	1,940	\$22.29*
	Intel Atom E3940 @ 1.60GHz		NA	1,940	NA
	Intel Celeron N3450 @ 1.10GHz		10.5	1,939	\$185.08*
	AMD PRO A6-9500		26.2	1,938	\$74.00*
	AMD A8-5550M APU		NA	1,938	NA
	Intel Xeon X6550 @ 2.00GHz		NA	1,936	NA
	Intel Xeon E5603 @ 1.60GHz		15.0	1,935	\$129.04*
	Intel Xeon L5410 @ 2.33GHz		19.3	1,932	\$100.08*
	Intel Xeon E5507 @ 2.27GHz		4.2	1,928	\$456.91*
	Intel Core i7-2655LE @ 2.20GHz		NA	1,928	NA
	Intel Pentium G2120 @ 3.10GHz		25.7	1,926	\$74.99*
	Intel Core2 Quad Q9100 @ 2.26GHz		5.0	1,923	\$385.89*
	Intel Core i5-580M @ 2.67GHz		19.2	1,922	\$99.95*
	Intel Core i7-820QM @ 1.73GHz		14.9	1,921	\$129.00*
	Intel Core i5-2410M @ 2.30GHz		28.6	1,918	\$67.12*
	AMD Athlon II X4 620		34.9	1,918	\$54.95
	AMD Opteron 3320 EE		3.4	1,918	\$563.00*
	Intel Core i3-4025U @ 1.90GHz		NA	1,918	NA
	AMD Opteron X2170 APU		NA	1,911	NA
	Intel Core i5-3439Y @ 1.50GHz		NA	1,907	NA
	Intel Core i5-4422E @ 1.80GHz		7.2	1,907	\$266.00*
	Intel Core i3-2120 @ 3.30GHz		14.1	1,905	\$135.00
	Intel Xeon E5410 @ 2.33GHz		21.6	1,905	\$88.00*
	Intel Core M-5Y10a @ 0.80GHz		NA	1,905	NA
	AMD Athlon II X4 615e		32.3	1,904	\$59.00*
	AMD Opteron 2419 EE		NA	1,902	NA
	AMD Opteron 1385		27.1	1,898	\$69.99*
	Intel Core i7-840QM @ 1.87GHz		6.5	1,898	\$289.97*
	AMD A10-5750M APU		20.4	1,896	\$92.86*
	Intel Celeron G1850 @ 2.90GHz		23.7	1,895	\$79.99*
	Intel Core i5-2510E @ 2.50GHz		NA	1,889	NA
	AMD FX-7500 APU		NA	1,887	NA
	AMD PRO A6-8550B		NA	1,885	NA
	Intel Xeon E5506 @ 2.13GHz		35.5	1,883	\$53.01*
	AMD A6-9500		22.2	1,883	\$84.99
	Intel Core i5-2515E @ 2.50GHz		NA	1,882	NA
	Intel Core M-5Y10c @ 0.80GHz		6.7	1,881	\$281.00*
	Intel Core i3-4030U @ 1.90GHz		NA	1,880	NA
	Intel Core i7-3555LE @		NA	1,880	NA

https://www.cpubenchmark.net/midlow_range_cpus.html

	AMD Phenom X4 Quad-Core GP-9730	NA	1,784	NA	

 CPU Benchmarks

	3.10GHz		11.3	1,782	\$25.00
	AMD Athlon X3 435		18.7	1,781	\$95.49*
	Intel Core2 Quad Q8300 @ 2.50GHz		35.6	1,779	\$49.99*
	Intel Core M-5Y10 @ 0.80GHz		NA	1,779	NA
	AMD Phenom 9750 Quad-Core		35.6	1,778	\$49.95
	Intel Core2 Quad Q8200 @ 2.33GHz		13.0	1,777	\$136.26*
	AMD A6-3620 APU		78.9	1,774	\$22.49*
	AMD R-464L APU		NA	1,773	NA
	AMD Athlon II X4 605e		17.9	1,771	\$98.68*
	Intel Core i5-540M @ 2.53GHz		7.1	1,771	\$251.00
	AMD Phenom II N830 3+1		NA	1,768	NA
	AMD A8-6410 APU		NA	1,766	NA
	AMD A10-4657M APU		NA	1,759	NA
	Intel Core m3-6Y30 @ 0.90GHz		6.3	1,759	\$281.00*
	AMD Phenom 9950 Quad-Core		47.7	1,756	\$36.78*
	Intel Core2 Quad Q6600 @ 2.40GHz		9.2	1,753	\$189.95
	AMD A8-5557M APU		NA	1,745	NA
	AMD A6-7470K		15.6	1,744	\$111.51
	HP Hexa-Core 2.0GHz		3.5	1,741	\$504.27*
	Intel Core i5-2435M @ 2.40GHz		NA	1,738	NA
	AMD Athlon II X3 450		61.9	1,735	\$28.01
	AMD Athlon II X3 445		88.0	1,734	\$19.69*
	AMD PRO A4-8350B		59.8	1,733	\$28.99*
	AMD Opteron 2356		41.3	1,733	\$42.00
	Intel Core i7-740QM @ 1.73GHz		11.5	1,723	\$149.95*
	Intel Xeon L5408 @ 2.13GHz		NA	1,723	NA
	AMD Phenom X2 Dual-Core GE-6060		NA	1,722	NA
	Intel Core i3-4158U @ 2.00GHz		NA	1,718	NA
	Intel Pentium G2030 @ 3.00GHz		59.2	1,718	\$29.00
	AMD Athlon II X4 600e		13.1	1,711	\$130.23*
	AMD Athlon II X3 440		95.2	1,708	\$17.95*
	Intel Celeron G1840 @ 2.80GHz		24.4	1,705	\$69.95
	Intel Core M-5Y70 @ 1.10GHz		NA	1,705	NA
	AMD PRO A6-8500B		NA	1,704	NA
	AMD Opteron 1356		18.9	1,703	\$89.99*
	Intel Core i5-520M @ 2.40GHz		47.2	1,701	\$36.02*
	AMD Phenom FX-5200 Quad-Core		NA	1,699	NA
	AMD A6-7310 APU		NA	1,699	NA
	AMD Phenom II X4 905e		31.4	1,696	\$53.99*
	Intel Core i3-2100T @ 2.50GHz		28.2	1,694	\$59.99*
	AMD Phenom 9850 Quad-Core		13.0	1,693	\$129.99*

Core					
Intel Core i3-4000M @ 2.40GHz		33.9	1,692	\$49.86*	

 CPU Benchmarks

Intel Core i7-2617M @ 1.50GHz		NA	1,687	NA	
AMD A6-6310 APU		NA	1,686	NA	
AMD A9-9430		NA	1,684	NA	
AMD A8-7100 APU		NA	1,682	NA	
AMD PRO A6-7350B		NA	1,679	NA	
Intel Xeon L5335 @ 2.00GHz		89.3	1,678	\$18.79*	
Intel Core i3-4010U @ 1.70GHz		13.4	1,675	\$124.95*	
Intel Core i7-720QM @ 1.60GHz		16.7	1,674	\$99.95*	
AMD Phenom 9650 Quad-Core		41.9	1,673	\$39.95	
AMD A8-4500M APU		23.9	1,673	\$69.95*	
Intel Core i5-4202Y @ 1.60GHz		NA	1,670	NA	
AMD Phenom II X920 Quad-Core		NA	1,669	NA	
AMD A10-7300 APU		NA	1,666	NA	
Intel Core i3-4005U @ 1.70GHz		NA	1,664	NA	
AMD Phenom 9600B Quad-Core		41.6	1,663	\$39.95*	
AMD PRO A6-9500E		22.5	1,662	\$74.00*	
AMD Phenom 9550 Quad-Core		92.4	1,659	\$17.95*	
Intel Celeron J4005 @ 2.00GHz		13.6	1,658	\$121.68	
Intel Core i5-4210Y @ 1.50GHz		NA	1,651	NA	
Intel Atom C3558 @ 2.20GHz		19.2	1,650	\$86.00*	
AMD Phenom X4 Quad-Core GP-9600		NA	1,649	NA	
Intel Pentium 4415Y @ 1.60GHz		10.2	1,649	\$161.00*	
AMD GX-420CA SOC		NA	1,649	NA	
Intel Celeron G1630 @ 2.80GHz		32.9	1,646	\$49.99*	
Intel Pentium G2020 @ 2.90GHz		32.9	1,643	\$50.00	
Intel Core i3-3120M @ 2.50GHz		42.2	1,642	\$38.90*	
Intel Core i7-3689Y @ 1.50GHz		NA	1,642	NA	
AMD Phenom II N950 Quad-Core		14.5	1,637	\$112.60*	
Intel Celeron N4020 @ 1.10GHz		NA	1,636	NA	
AMD A6-3600 APU		65.6	1,636	\$24.95*	
AMD Opteron 2373 EE		NA	1,635	NA	
AMD Embedded R-Series RX-216GD		NA	1,628	NA	
Intel Core i5-2557M @ 1.70GHz		NA	1,628	NA	
Intel Core i3-560 @ 3.33GHz		9.0	1,626	\$179.95*	
AMD PRO A4-3350B APU		NA	1,624	NA	
Intel Core i7-640LM @ 2.13GHz		NA	1,623	NA	
Intel Core i3-4030Y @ 1.60GHz		NA	1,623	NA	
Intel Pentium G3320TE @ 2.30GHz		NA	1,623	NA	

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PassMark CPU Benchmarks - Low Mid Range CPUs

AMD Opteron 1354		6.8	1,620	\$238.01
Intel Core i5 E 520 @		NA	1,619	NA

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AMD A6-6400B APU		NA	1,616	NA
AMD A6-7400K APU		4.6	1,614	\$348.99
Intel Celeron G1820T @ 2.40GHz		38.4	1,614	\$42.00*
Intel Pentium G2120T @ 2.70GHz		NA	1,613	NA
AMD Athlon X4 620		24.8	1,612	\$64.95*
AMD Phenom II N970 Quad-Core		10.7	1,612	\$149.99*
AMD A10-4655M APU		NA	1,611	NA
Intel Xeon E5405 @ 2.00GHz		40.3	1,611	\$39.95*
AMD Phenom 9600 Quad-Core		40.3	1,610	\$39.95*
Intel Pentium 3560M @ 2.40GHz		NA	1,609	NA
Intel Celeron 2000E @ 2.20GHz		NA	1,607	NA
Intel Celeron G1820 @ 2.70GHz		53.5	1,605	\$29.99*
AMD A6-8550		NA	1,604	NA
Intel Pentium G3250T @ 2.80GHz		17.8	1,602	\$89.99*
AMD Athlon II X3 435		53.4	1,600	\$29.95*
AMD Phenom FX-5000 Quad-Core		NA	1,599	NA
Intel Xeon X3210 @ 2.13GHz		8.6	1,599	\$185.71*
AMD A4-6250J APU		NA	1,596	NA
Intel Atom C3538 @ 2.10GHz		21.3	1,596	\$75.00*
Intel Pentium G2030T @ 2.60GHz		24.9	1,595	\$64.00*
AMD A10-5745M APU		NA	1,594	NA
Intel Celeron N4000C @ 1.10GHz		NA	1,579	NA
AMD A8-3550MX APU		NA	1,579	NA
Intel Celeron 3965U @ 2.20GHz		14.8	1,579	\$107.00*
Intel Celeron G1840T @ 2.50GHz		NA	1,576	NA
Intel Core i3-3110M @ 2.40GHz		19.6	1,568	\$79.95*
AMD Phenom X2 Dual-Core GE-5060		NA	1,566	NA
AMD A9-9425		NA	1,565	NA
AMD Phenom 9500 Quad-Core		82.3	1,560	\$18.95*
Intel Core i5-4200Y @ 1.40GHz		NA	1,558	NA
Intel Celeron G1620 @ 2.70GHz		17.5	1,557	\$88.98*
AMD Opteron X3216 APU		NA	1,556	NA
AMD A6 PRO-7400B		NA	1,555	NA
Intel Core i3-550 @ 3.20GHz		9.3	1,555	\$167.95
AMD A4-7210 APU		NA	1,554	NA
AMD E2-7110 APU		NA	1,552	NA
AMD A6-6420B APU		NA	1,550	NA
Intel Xeon E5335 @ 2.00GHz		87.2	1,549	\$17.77*
ZHAOXIN KaiXian ZX-C+ C4700@2.0GHz		NA	1,547	NA

	AMD A8-5545M APU		NA	1,545	NA
	AMD Athlon II X3 425		57.2	1,544	\$26.99*

 CPU Benchmarks

	Intel Pentium 2030M @ 2.50GHz		11.5	1,542	\$134.00*
	Intel Celeron 3955U @ 2.00GHz		NA	1,542	NA
	AMD A6-6420K APU		10.3	1,538	\$149.99*
	AMD Phenom II X3 B73		20.5	1,538	\$75.00*
	AMD A6-5200 APU		NA	1,537	NA
	AMD A9-9420		NA	1,536	NA
	AMD Phenom II N930 Quad-Core		11.8	1,533	\$129.95*
	Intel Core i5-4300Y @ 1.60GHz		NA	1,532	NA
	Intel Xeon E5504 @ 2.00GHz		25.5	1,529	\$59.95*
	AMD Embedded G-Series GX-420GI Radeon R7E		NA	1,527	NA
	Intel Xeon X5270 @ 3.50GHz		NA	1,524	NA
	AMD A4-7300 APU		11.0	1,522	\$138.00
	AMD Phenom 9750B Quad-Core		NA	1,520	NA
	AMD Phenom 9450e Quad-Core		14.5	1,519	\$105.00*
	AMD A4 PRO-3340B		NA	1,519	NA
	Intel Pentium 4405Y @ 1.50GHz		NA	1,518	NA
	Intel Celeron G1830 @ 2.80GHz		16.0	1,518	\$94.95*
	AMD PRO A6-8570E		NA	1,517	NA
	AMD Athlon X3 425		NA	1,516	NA
	Intel Pentium G3220T @ 2.60GHz		16.8	1,515	\$89.98
	Intel Pentium G870 @ 3.10GHz		15.6	1,515	\$97.00*
	AMD Opteron 2354		5.3	1,509	\$285.19
	Intel Celeron G1620T @ 2.40GHz		35.9	1,507	\$42.00*
	Intel Core i3-540 @ 3.07GHz		8.4	1,507	\$179.95*
	AMD Phenom II X4 900e		NA	1,505	NA
	AMD Athlon X2 370K Dual Core		NA	1,504	NA
	Intel Pentium G860 @ 3.00GHz		20.6	1,502	\$72.99*
	AMD Phenom 9350e Quad-Core		0.4	1,501	\$3,382.07*
	Intel Celeron 2970M @ 2.20GHz		NA	1,501	NA
	Intel Core i5-3339Y @ 1.50GHz		NA	1,499	NA
	AMD PRO A6-8530B		NA	1,498	NA
	AMD A9-9410		NA	1,497	NA
	AMD Athlon II X3 420e		12.9	1,495	\$116.15*
	AMD Phenom II X3 720		13.6	1,485	\$109.55*
	AMD A8-3510MX APU		19.2	1,483	\$77.11*
	AMD A4-6320 APU		21.2	1,483	\$69.99*
	Intel Pentium G2010 @ 2.80GHz		98.9	1,482	\$14.99*
	AMD A8-3530MX APU		NA	1,480	NA
	Pentium Dual-Core E6000 @ 3.46GHz		NA	1,472	NA
	Intel Core i5-2467M @		NA	1,470	NA

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PassMark CPU Benchmarks - Low Mid Range CPUs

1.60GHz	NA	1,412	NA
Intel Xeon E7320 @ 2.40GHz	NA	1,469	NA

🏠 CPU Benchmarks ▼

Intel Celeron 3867U @ 1.80GHz		13.7	1,467	\$107.00*
Intel Core i3-2120T @ 2.60GHz		10.4	1,462	\$140.00*
AMD Opteron 1352		10.7	1,462	\$135.99*
Intel Celeron N4000 @ 1.10GHz		13.6	1,460	\$107.00*
Intel Celeron G1610 @ 2.60GHz		39.3	1,453	\$37.00
Intel Celeron 5205U @ 1.90GHz		13.6	1,451	\$107.00*
Intel Xeon X5272 @ 3.40GHz		10.4	1,451	\$140.00*
Intel Xeon E5240 @ 3.00GHz		16.3	1,448	\$88.78*
AMD A4 PRO-7300B APU		NA	1,448	NA
AMD A4-6210 APU		NA	1,443	NA
AMD A8 PRO-7150B APU		NA	1,443	NA
AMD Athlon II X3 415e		19.2	1,441	\$75.00*
AMD Athlon X3 440		16.3	1,438	\$87.99*
Intel Core i3-530 @ 2.93GHz		27.7	1,438	\$52.00
Intel Core i3-4020Y @ 1.50GHz		NA	1,437	NA
Intel Xeon E3113 @ 3.00GHz		146.0	1,429	\$9.79*
AMD Phenom II X3 740		16.0	1,424	\$88.99*
Intel Core2 Quad Q9000 @ 2.00GHz		3.7	1,421	\$389.00*
AMD A6-5400B APU		48.8	1,413	\$28.94*
Intel Pentium 3550M @ 2.30GHz		6.5	1,412	\$215.92
Intel Atom C2558 @ 2.40GHz		10.4	1,410	\$136.00*
Intel Core i7-2610UE @ 1.50GHz		NA	1,409	NA
Intel Pentium J3710 @ 1.60GHz		NA	1,409	NA
Intel Core2 Duo E8290 @ 2.83GHz		NA	1,408	NA
AMD Phenom II X4 910		14.1	1,407	\$100.00*
Intel Xeon E3-1220L v3 @ 1.10GHz		NA	1,407	NA
Intel Celeron 1020E @ 2.20GHz		NA	1,406	NA
AMD A6-6400K APU		35.1	1,404	\$39.95*
AMD Phenom II X2 565		8.3	1,404	\$168.87*
AMD Phenom II X3 B75		35.1	1,403	\$39.99*
Intel Xeon E5320 @ 1.86GHz		36.2	1,402	\$38.75*
Intel Pentium G6951 @ 2.80GHz		14.9	1,401	\$94.00*
Intel Core i5-4220Y @ 1.60GHz		NA	1,400	NA
AMD Phenom 8600B Triple-Core		93.5	1,398	\$14.95*
AMD Phenom II P960 Quad-Core		35.7	1,397	\$39.12*
AMD A6-8500P		NA	1,396	NA
AMD A6-9220		NA	1,393	NA
AMD Phenom II X3 700e		NA	1,391	NA
Intel Pentium 4410Y @ 1.50GHz		8.6	1,387	\$161.00*

AMD E1-6050J APU	NA	1,385	NA
AMD A6-3500	...	1,385	...

 CPU Benchmarks

AMD A6-3500 APU		20.7	1,381	\$66.78
Intel Atom x7-Z8750 @ 1.60GHz		NA	1,373	NA
Intel Core i3-2312M @ 2.10GHz		NA	1,369	NA
Intel Pentium 2020M @ 2.40GHz		10.2	1,369	\$134.00*
Intel Core i7-620LM @ 2.00GHz		NA	1,367	NA
AMD GX-415GA SOC		NA	1,363	NA
Intel Core i3-3217UE @ 1.60GHz		NA	1,362	NA
Intel Celeron G1610T @ 2.30GHz		90.9	1,362	\$14.98*
Intel Pentium 3825U @ 1.90GHz		NA	1,361	NA
AMD Athlon II X2 280		17.6	1,355	\$76.89*
Intel Core2 Duo E8600 @ 3.33GHz		14.1	1,355	\$96.00
Intel Core i3-2332M @ 2.20GHz		NA	1,353	NA
AMD Athlon 5150 APU		13.7	1,352	\$98.86*
AMD A6-9225		NA	1,350	NA
AMD A4-5100 APU		NA	1,346	NA
Intel Pentium N3710 @ 1.60GHz		NA	1,345	NA
AMD A4-6300 APU		16.8	1,344	\$79.88
AMD A4-5050 APU		NA	1,343	NA
AMD A8-3520M APU		24.4	1,340	\$55.00*
AMD Phenom II X2 570		NA	1,340	NA
Intel Xeon L3110 @ 3.00GHz		NA	1,338	NA
AMD A6-3410MX APU		335.2	1,338	\$3.99*
AMD Phenom II X2 B59		35.1	1,337	\$38.05
Intel Xeon L5240 @ 3.00GHz		42.6	1,337	\$31.40*
AMD Athlon II X3 400e		12.4	1,331	\$107.43*
Intel Atom C2550 @ 2.40GHz		NA	1,331	NA
AMD Athlon II X3 405e		16.6	1,331	\$79.99*
AMD A6-3430MX APU		NA	1,331	NA
Intel Xeon E3120 @ 3.16GHz		NA	1,330	NA
AMD A4-6300B APU		47.5	1,328	\$27.95*
AMD Phenom II X4 810		53.2	1,328	\$24.95*
AMD Athlon X2 280		39.6	1,327	\$33.49*
AMD A8-4555M APU		NA	1,327	NA
Intel Core i5 750S @ 2.40GHz		13.3	1,326	\$99.99*
Intel Atom T5700 @ 1.70GHz		NA	1,326	NA
Intel Atom x7-Z8700 @ 1.60GHz		18.0	1,325	\$73.63*
VIA QuadCore C4650@2.0GHz		NA	1,323	NA
AMD PRO A6-9500B		NA	1,323	NA
Intel Core i5-480M @ 2.67GHz		16.4	1,320	\$80.60*
Intel Pentium N3700 @ 1.60GHz		3.0	1,320	\$444.78*

	1.00GHz				
AMD Phenom II X2 560		20.3	1,319	\$64.99*	

 CPU Benchmarks

Core		NA	1,310	NA	
AMD Opteron 2393 SE		NA	1,317	NA	
Intel Core i3-4010Y @ 1.30GHz		NA	1,310	NA	
Intel Pentium G645 @ 2.90GHz		43.6	1,309	\$30.00*	
Intel Pentium G2020T @ 2.50GHz		27.5	1,308	\$47.60*	
Intel Xeon E5310 @ 1.60GHz		26.7	1,306	\$49.00*	
AMD Phenom II X2 555		4.5	1,301	\$289.95	
AMD Athlon II X2 270		33.8	1,300	\$38.48*	
Intel Pentium G630 @ 2.70GHz		21.7	1,299	\$60.00	
AMD Phenom X4 Quad-Core GP-9500		NA	1,297	NA	
Intel Celeron G550 @ 2.60GHz		26.4	1,295	\$49.00	
Intel Pentium G6960 @ 2.93GHz		NA	1,293	NA	
AMD A4-5000 APU		NA	1,293	NA	
AMD Athlon X2 340 Dual Core		25.8	1,292	\$49.99*	
AMD A10 Micro-6700T APU		NA	1,291	NA	
Intel Core i3-3227U @ 1.90GHz		NA	1,285	NA	
Intel Celeron 3765U @ 1.90GHz		NA	1,285	NA	
Intel Core i7-660UM @ 1.33GHz		NA	1,284	NA	
Intel Core i5-460M @ 2.53GHz		19.8	1,283	\$64.95	
Intel Pentium G840 @ 2.80GHz		36.7	1,283	\$34.99*	
Intel Celeron 2950M @ 2.00GHz		NA	1,282	NA	
Intel Core i3-2370M @ 2.40GHz		34.6	1,282	\$36.99	
AMD Phenom 8850B Triple-Core		NA	1,281	NA	
AMD A6-9230		NA	1,279	NA	
AMD Phenom 9100e Quad-Core		42.7	1,279	\$29.95*	
AMD Sempron 240		33.6	1,278	\$38.00	
Intel Celeron 1020M @ 2.10GHz		NA	1,275	NA	
AMD A6-9220C		NA	1,273	NA	
AMD Embedded G-Series GX-224IJ Radeon R4E		NA	1,271	NA	
Intel Celeron G555 @ 2.70GHz		32.5	1,268	\$39.00	
AMD Phenom 9150e Quad-Core		31.7	1,267	\$39.95*	
AMD A4-9125		NA	1,267	NA	
Intel Pentium G850 @ 2.90GHz		6.7	1,267	\$187.99*	
Intel Pentium A1020 @ 2.41GHz		NA	1,265	NA	
AMD Phenom II X620 Dual-Core		NA	1,262	NA	
AMD A6-5357M APU		NA	1,260	NA	
Intel Core i3-330E @ 2.13GHz		NA	1,260	NA	
Intel Core i3-4012Y @ 1.50GHz		NA	1,256	NA	
Intel Core2 Extreme X6800					

	Intel Core2 Extreme X6800 @ 2.80GHz		3.1	1,252	\$409.95*	
	Intel Celeron 4205U @		NA	1,251	\$187.99*	

 CPU Benchmarks

	AMD Phenom 8750 Triple-Core		NA	1,250	NA	
	AMD A4-5300 APU		46.2	1,246	\$26.95*	
	AMD A6-5400K APU		23.9	1,244	\$52.02	
	Intel Atom x5-Z8500 @ 1.44GHz		19.9	1,242	\$62.57*	
	Intel Xeon E3110 @ 3.00GHz		6.2	1,242	\$199.95*	
	Intel Core2 Duo E8500 @ 3.16GHz		9.6	1,241	\$129.95	
	Intel Pentium G645T @ 2.50GHz		NA	1,241	NA	
	Intel Celeron J3355 @ 2.00GHz		NA	1,238	NA	
	Intel Pentium G620 @ 2.60GHz		49.5	1,238	\$24.99*	
	AMD Phenom II N850 Triple-Core		49.5	1,238	\$25.00*	
	Intel Xeon @ 2.20GHz		NA	1,237	NA	
	AMD Athlon II X2 B26		31.3	1,236	\$39.54*	
	Intel Core i3-3229Y @ 1.40GHz		NA	1,236	NA	
	Intel Core i3-2348M @ 2.30GHz		NA	1,234	NA	
	AMD A6-3420M APU		NA	1,231	NA	
	Intel Core i3-390M @ 2.67GHz		31.6	1,231	\$38.95*	
	Intel Core2 Duo T9900 @ 3.06GHz		3.1	1,230	\$398.95*	
	Intel Celeron 3865U @ 1.80GHz		NA	1,229	NA	
	AMD Phenom X4 Quad-Core GP-9530		NA	1,228	NA	
	Intel Core i3-2330M @ 2.20GHz		14.0	1,226	\$87.39	
	Intel Core i3-2328M @ 2.20GHz		13.2	1,226	\$92.97*	
	Intel Core i5-450M @ 2.40GHz		38.4	1,226	\$31.95*	
	AMD A8-3500M APU		20.4	1,224	\$59.95	
	AMD Phenom II X3 705e		8.0	1,222	\$152.34*	
	Intel Pentium G640 @ 2.80GHz		40.7	1,222	\$30.00	
	Intel Pentium J2900 @ 2.41GHz		NA	1,222	NA	
	Intel Celeron 3965Y @ 1.50GHz		11.4	1,220	\$107.00*	
	Intel Core i5-430M @ 2.27GHz		8.7	1,218	\$139.95*	
	AMD Phenom II X2 545		27.7	1,217	\$43.98*	
	AMD Phenom II X2 B55		25.4	1,216	\$47.95*	
	Intel Core2 Duo E8335 @ 2.93GHz		NA	1,216	NA	
	AMD R-272F APU		NA	1,215	NA	
	Intel Core2 Duo E8435 @ 3.06GHz		20.2	1,213	\$59.99*	
	AMD Phenom X3 8550		7.1	1,212	\$169.95*	
	AMD Phenom 8600 Triple-Core		22.8	1,210	\$52.99*	
	Intel Core i3-2350M @ 2.30GHz		45.1	1,209	\$26.81	
	Intel Pentium N3540 @ 2.16GHz		4.8	1,200	\$250.87*	
	Intel Celeron 3855U @		NA	1,199	NA	

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PassMark CPU Benchmarks - Low Mid Range CPUs

1.60GHz				
AMD Opteron 2222		63.1	1,198	\$19.00*

 CPU Benchmarks

1.60GHz		NA	1,195	NA
Intel Pentium G6950 @ 2.80GHz		16.2	1,192	\$73.69*
AMD A6-3400M APU		39.7	1,191	\$29.97*
AMD Phenom II X2 521		NA	1,190	NA
Intel Xeon X5260 @ 3.33GHz		29.7	1,188	\$39.99*
AMD Phenom 8750B Triple-Core		NA	1,188	NA
Intel Core2 Duo E8235 @ 2.80GHz		NA	1,186	NA
AMD A4-4000 APU		33.9	1,185	\$34.98*
AMD Phenom 8650 Triple-Core		79.6	1,185	\$14.89*
AMD R-460L APU		NA	1,183	NA
AMD Phenom II P860 Triple-Core		NA	1,183	NA
AMD Athlon II X2 265		14.3	1,182	\$82.88*
Intel Celeron 3755U @ 1.70GHz		NA	1,182	NA
AMD Phenom II N830 Triple-Core		NA	1,179	NA
Intel Pentium N3530 @ 2.16GHz		NA	1,177	NA
Intel Core i3-3217U @ 1.80GHz		5.7	1,177	\$208.00*
Intel Core i3-2310M @ 2.10GHz		30.3	1,175	\$38.81*
Intel Celeron G540T @ 2.10GHz		NA	1,174	NA
Intel Core2 Duo E8335 @ 2.66GHz		NA	1,172	NA
Intel Pentium E6800 @ 3.33GHz		47.0	1,172	\$24.95*
Intel Core2 Duo T9800 @ 2.93GHz		2.8	1,172	\$423.89*
Intel Atom x5-Z8550 @ 1.44GHz		NA	1,171	NA
Intel Pentium E5800 @ 3.20GHz		98.0	1,171	\$11.95*
AMD A9-9420e		NA	1,169	NA
Intel Celeron N3160 @ 1.60GHz		3.3	1,166	\$349.00*
AMD Phenom II X640 Dual-Core		NA	1,165	NA
Intel Core2 Duo E8400 @ 3.00GHz		63.1	1,164	\$18.43*
AMD Phenom II X2 511		NA	1,163	NA
Intel Core2 Extreme X9100 @ 3.06GHz		1.4	1,162	\$851.00*
AMD Phenom II P920 Quad-Core		17.8	1,160	\$65.00*
Intel Core2 Duo P9700 @ 2.80GHz		NA	1,160	NA
AMD Sempron 3850 APU		14.5	1,159	\$79.68*
AMD QC-4000		NA	1,155	NA
AMD Phenom II X2 B53		NA	1,155	NA
AMD Athlon II X2 210e		NA	1,148	NA
AMD Phenom II X2 550		5.1	1,146	\$226.86
AMD A6-9210		NA	1,146	NA
AMD A6 Micro-6500T APU		NA	1,146	NA
AMD Phenom 8850 Triple-Core		NA	1,142	NA

Intel Pentium G640T @ 2.40GHz		13.6	1,139	\$83.99*
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 CPU Benchmarks

@ 2.60GHz		NA	1,138	NA
Intel Core2 Duo E7600 @ 3.06GHz		9.5	1,138	\$119.95*
Intel Celeron N3350 @ 1.10GHz		4.9	1,138	\$233.79
Intel Pentium 2127U @ 1.90GHz		8.5	1,137	\$134.00*
AMD Phenom 8450e Triple-Core		NA	1,134	NA
Intel Core i3-380M @ 2.53GHz		22.7	1,132	\$49.95
AMD A4-5150M APU		NA	1,129	NA
AMD A8-7050		NA	1,129	NA
Intel Atom Z3795 @ 1.60GHz		NA	1,128	NA
Intel Celeron G530 @ 2.40GHz		28.2	1,126	\$39.99*
Intel Core2 Duo E6850 @ 3.00GHz		22.5	1,123	\$49.99*
AMD A6-5345M APU		NA	1,122	NA
Intel Core i3-370M @ 2.40GHz		45.2	1,121	\$24.81
Intel Xeon 3075 @ 2.66GHz		3.2	1,121	\$349.95*
Intel Pentium E6500 @ 2.93GHz		32.0	1,120	\$34.99*
Intel Xeon L5320 @ 1.86GHz		16.0	1,118	\$69.99*
Intel Pentium A1018 @ 2.10GHz		NA	1,117	NA
Intel Celeron G1820TE @ 2.20GHz		NA	1,115	NA
AMD Phenom 8250 Triple-Core		NA	1,114	NA
Intel Celeron J1900 @ 1.99GHz		NA	1,114	NA
AMD E2-6110 APU		NA	1,114	NA
AMD Athlon II X2 255		62.0	1,113	\$17.95*
AMD Opteron 2220		4.6	1,106	\$238.01
Intel Pentium N3520 @ 2.16GHz		NA	1,104	NA
Intel Celeron G550T @ 2.20GHz		NA	1,102	NA
Intel Celeron 3215U @ 1.70GHz		NA	1,102	NA
AMD Phenom II P840 Triple-Core		NA	1,100	NA
Intel Core2 Duo E7500 @ 2.93GHz		79.1	1,099	\$13.90*
AMD Phenom II X2 B57		NA	1,099	NA
Intel Xeon W3503 @ 2.40GHz		109.9	1,098	\$9.99*
Intel Core i5-2537M @ 1.40GHz		NA	1,094	NA
Intel Celeron 2002E @ 1.50GHz		12.7	1,091	\$86.00*
AMD Phenom 8450 Triple-Core		49.5	1,091	\$22.05
AMD Athlon 64 X2 Dual Core 6400+		4.4	1,089	\$249.95
AMD Opteron 1222		NA	1,089	NA
Intel Core2 Duo E6700 @ 2.66GHz		36.3	1,089	\$29.99*
Intel Core2 Duo P9600 @ 2.66GHz		NA	1,087	NA
AMD Athlon X2 250		NA	1,087	NA

	Intel Atom C2538 @ 2.40GHz		10.4	1,086	\$104.00*
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 CPU Benchmarks

	AMD Phenom 8250e Triple-Core		NA	1,085	NA
	AMD Phenom 8250e Triple-Core		23.1	1,084	\$46.99*
	AMD A4-5300B APU		41.8	1,084	\$25.95*
	Intel Pentium E6700 @ 3.20GHz		7.2	1,084	\$149.95
	Intel Core2 Duo T9600 @ 2.80GHz		18.4	1,083	\$58.88*
	Intel Atom x5-E8000 @ 1.04GHz		NA	1,074	NA
	Intel Core2 Duo E8135 @ 2.66GHz		NA	1,073	NA
	Intel Atom x5-E3930 @ 1.30GHz		NA	1,073	NA
	AMD Embedded G-Series GX-215JJ Radeon R2E		NA	1,071	NA
	Intel Xeon W3505 @ 2.53GHz		43.1	1,071	\$24.86*
	Intel Xeon 3085 @ 3.00GHz		NA	1,070	NA
	AMD Athlon II X2 250		36.9	1,069	\$28.95
	AMD Phenom II P820 Triple-Core		NA	1,068	NA
	Intel Celeron N2940 @ 1.83GHz		NA	1,065	NA
	AMD Phenom II N660 Dual-Core		12.0	1,065	\$89.00*
	AMD PRO A4-4350B		NA	1,064	NA
	Intel Pentium B970 @ 2.30GHz		20.8	1,063	\$50.99*
	AMD Phenom X4 Quad-Core GS-6560		NA	1,063	NA
	AMD A6-9200		NA	1,061	NA
	Intel Xeon 5148 @ 2.33GHz		44.0	1,056	\$24.00*
	Intel Celeron 2980U @ 1.60GHz		NA	1,056	NA
	Intel Celeron G530T @ 2.00GHz		62.1	1,055	\$16.99*
	AMD A4-4300M APU		35.3	1,055	\$29.86
	AMD Athlon II X2 B24		43.7	1,054	\$24.10
	AMD A4-4020 APU		11.3	1,054	\$93.00
	Intel Celeron 1005M @ 1.90GHz		NA	1,050	NA
	AMD A6-5350M APU		31.7	1,049	\$33.12
	Intel Core i3-350M @ 2.27GHz		30.8	1,049	\$34.05*
	AMD A4-3400 APU		13.5	1,049	\$77.95
	Intel Xeon 5160 @ 3.00GHz		20.9	1,047	\$49.99*
	AMD Athlon II X2 250e		13.6	1,046	\$76.73*
	AMD A6 PRO-7050B APU		NA	1,046	NA
	Intel Celeron G540 @ 2.50GHz		94.6	1,044	\$11.03*
	AMD Athlon II X2 B28		26.6	1,040	\$39.05
	AMD Athlon II X2 235e		61.2	1,040	\$16.99*
	AMD GX-222GC SOC		NA	1,038	NA
	Intel Core2 Duo E8300 @ 2.83GHz		51.9	1,038	\$19.99*
	Intel Pentium 3805U @ 1.90GHz		NA	1,037	NA
	AMD Opteron 2218		10.7	1,036	\$96.41
	AMD Opteron 1220		NA	1,036	NA

	Intel Pentium E5700 @ 3.00GHz		53.1	1,032	\$19.45*
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 CPU Benchmarks

	AMD A4 PRO-7350B		NA	1,021	\$19.99
	Intel Core i7-640UM @ 1.20GHz		NA	1,026	NA
	Intel Xeon 3070 @ 2.66GHz		5.8	1,025	\$176.96*
	AMD A4 PRO-7350B		NA	1,024	NA
	AMD Athlon II X2 245		74.6	1,022	\$13.69*
	Intel Core2 Extreme X7900 @ 2.80GHz		6.8	1,018	\$149.95
	AMD A6-9220e		NA	1,017	NA
	Intel Pentium 3558U @ 1.70GHz		NA	1,016	NA
	Intel Pentium J2850 @ 2.41GHz		NA	1,016	NA
	AMD Athlon X2 240e		NA	1,015	NA
	Intel Core i5-560UM @ 1.33GHz		NA	1,015	NA
	AMD Athlon II X2 B22		24.3	1,014	\$41.69*
	AMD Athlon II X2 260		53.5	1,013	\$18.95*
	AMD Turion II Ultra Dual-Core Mobile M660		NA	1,011	NA
	AMD A4-3420 APU		78.0	1,010	\$12.95*
	AMD Phenom X2 Dual-Core GE-7060		NA	1,010	NA
	AMD A6-7000		NA	1,010	NA
	AMD Turion II Ultra Dual-Core Mobile M640		NA	1,010	NA
	Intel Celeron 1000M @ 1.80GHz		NA	1,009	NA
	AMD Athlon II X2 245e		12.1	1,008	\$83.45*
	Intel Pentium E6600 @ 3.06GHz		9.6	1,005	\$104.99*
	AMD E2-3800 APU		NA	1,004	NA
	Intel Core2 Extreme X6800 @ 2.93GHz		3.8	1,004	\$263.64*
	AMD A4 Micro-6400T APU		NA	1,004	NA
	Intel Core i5-540UM @ 1.20GHz		NA	1,002	NA
	Intel Pentium E5500 @ 2.80GHz		62.4	998	\$15.99
	AMD Athlon X2 215		NA	996	NA
	Intel Core2 Duo E8200 @ 2.66GHz		19.9	996	\$49.99*
	Intel Pentium 2117U @ 1.80GHz		7.4	996	\$134.00*
	Intel Core2 Duo T9500 @ 2.60GHz		9.2	995	\$108.02*
	AMD A4-3300 APU		76.5	994	\$12.99
	Intel Celeron 2981U @ 1.60GHz		NA	991	NA
	AMD E2-9010		NA	991	NA
	Intel Celeron N2930 @ 1.83GHz		NA	988	NA
	Intel Pentium 3556U @ 1.70GHz		NA	986	NA
	Intel Pentium Extreme Edition 965 @ 3.73GHz		NA	982	NA
	Intel Core2 Duo T9300 @ 2.50GHz		12.3	981	\$79.99*
	Intel Core2 Duo E6750 @ 2.66GHz		95.1	980	\$10.30*
	AMD A6-1450 APU		NA	979	NA
	AMD Athlon II X2 240e		40.9	977	\$23.89*

	Intel Core i3-2340UE @ 1.30GHz	NA	976	NA
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 CPU Benchmarks

Intel Pentium E6300 @ 2.60GHz		16.4	975	\$59.50
Intel Core2 Duo P9600 @ 2.53GHz		9.8	972	\$99.00*
AMD Athlon II X2 240		39.0	972	\$24.95
AMD Athlon 64 FX-74		1.9	972	\$499.50*
AMD Phenom II N620 Dual-Core		242.6	968	\$3.99*
Intel Pentium P6300 @ 2.27GHz		NA	967	NA
AMD GX-412HC		NA	966	NA
AMD Phenom II N640 Dual-Core		14.9	965	\$64.95*
Intel Core i7-620UM @ 1.07GHz		NA	964	NA
Intel Core2 Duo E7400 @ 2.80GHz		33.2	963	\$28.99*
Intel Core2 Duo E7200 @ 2.53GHz		19.7	963	\$49.00*
Intel Atom E3845 @ 1.91GHz		NA	962	NA
Intel Pentium G630T @ 2.30GHz		12.0	959	\$79.99*
AMD Athlon II X2 4400e		NA	958	NA
Intel Core i3-330M @ 2.13GHz		6.4	957	\$149.95
Intel Pentium B950 @ 2.10GHz		NA	957	NA
AMD Opteron 285		38.3	956	\$24.95*
AMD Athlon II X2 220		43.0	954	\$22.19
AMD R-260H APU		NA	954	NA
Intel Celeron 1017U @ 1.60GHz		NA	953	NA
AMD Opteron 290		7.1	952	\$135.00*
AMD Athlon 64 X2 Dual Core 6000+		24.7	950	\$38.50
Intel Core2 Duo SP9400 @ 2.40GHz		3.3	948	\$284.00*
Intel Celeron 1037U @ 1.80GHz		NA	947	NA
VIA Eden X4 C4250 @ 1.2+GHz		NA	944	NA
AMD Athlon 64 FX-62 Dual Core		NA	943	NA
Intel Celeron J1850 @ 1.99GHz		NA	942	NA
Intel Xeon 3060 @ 2.40GHz		40.8	939	\$22.99*
AMD Athlon X2 255		NA	938	NA
AMD A4-9120C		NA	937	NA
Intel Celeron E3500 @ 2.70GHz		44.5	935	\$21.00
Intel Core2 Duo P9500 @ 2.53GHz		0.9	933	\$998.99*
Intel Core i3-2367M @ 1.40GHz		NA	933	NA
Intel Core2 Duo T7800 @ 2.60GHz		1.5	932	\$607.99*
Intel Pentium E6300 @ 2.80GHz		7.6	932	\$122.65
AMD Sempron X2 198 Dual-Core		NA	930	NA
Intel Celeron B840 @ 1.90GHz		NA	930	NA
Intel Core2 Duo E7300 @ 2.66GHz		77.8	929	\$11.95*
Intel Core i5 520UM @ 2.40GHz				

Intel Core i3-3200 @ 3.10GHz	NA	928	NA
Intel Xeon L3406 @ 1.44GHz	NA	928	NA

 CPU Benchmarks

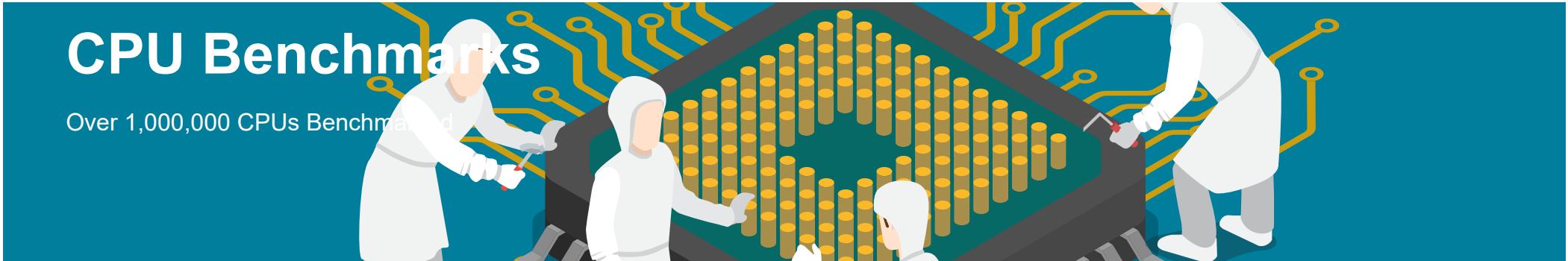
Intel Core i3-3200 @ 3.10GHz	NA	928	NA
Intel Core2 Duo P7570 @ 2.26GHz	NA	926	NA
Intel Core2 Duo T9400 @ 2.53GHz	26.5	926	\$34.95*
AMD Athlon 7850 Dual-Core	9.3	925	\$99.99
AMD Turion II Ultra Dual-Core Mobile M600	34.5	923	\$26.76*
AMD E2-9030	NA	922	NA
AMD Athlon X2 240	NA	921	NA
Intel Celeron 3205U @ 1.50GHz	3.2	920	\$287.04*
Intel Core2 Duo P8700 @ 2.53GHz	20.2	918	\$45.49*
Intel Core i3-2375M @ 1.50GHz	NA	915	NA
AMD Turion II Dual-Core Mobile M540	NA	912	NA
AMD Opteron 1218	NA	910	NA
Intel Core2 Duo P9300 @ 2.26GHz	NA	909	NA
AMD Opteron 2220 SE	36.4	909	\$25.00*
Intel Xeon 3.73GHz	NA	901	NA
Intel Core2 Duo P7550 @ 2.26GHz	3.9	900	\$229.99*
AMD Athlon II N370 Dual-Core	NA	899	NA
Intel Pentium G620T @ 2.20GHz	11.2	896	\$79.99*
Intel Pentium P6200 @ 2.13GHz	19.9	893	\$44.95*
AMD Athlon II X2 215	30.7	890	\$28.97*
Intel Pentium E5400 @ 2.70GHz	14.8	888	\$59.97*
Intel Xeon 5133 @ 2.20GHz	NA	887	NA
Intel Celeron N2920 @ 1.86GHz	NA	887	NA
AMD Athlon 64 X2 Dual Core 5600+	8.1	886	\$109.95
AMD Phenom X2 Dual-Core GP-7730	NA	884	NA
Intel Core2 Duo E6550 @ 2.33GHz	59.1	883	\$14.95*
AMD Athlon 7750 Dual-Core	11.0	880	\$79.99
AMD Sempron X2 190	10.5	879	\$83.44*
AMD A4-3320M APU	23.8	877	\$36.90
Intel Pentium N3510 @ 1.99GHz	NA	877	NA
AMD Turion II N550 Dual-Core	NA	877	NA
AMD E2-9000	NA	876	NA
Athlon 64 Dual Core 5600+	NA	875	NA

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Low End CPUs

This chart comparing low end CPUs is made using thousands of [PerformanceTest](#) benchmark results and is updated daily. Low end CPUs are typically found on computers that are reasonably old or legacy systems.

 CPUS

 High End

High Mid Range

Low Mid Range

Low End

 Best Value (On Market)

Best Value XY Scatter

Best Value (All time)

 New Desktop

New Laptop

 Single Thread

Systems with Multiple CPUs

Overclocked

Power Performance

CPU Mark by Socket Type

Cross-Platform CPU Performance

 CPU Mega List

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 Common

Most Benchmarked

CPU Mark

Price Performance

PassMark - CPU Mark

Low End CPUs

Updated 19th of October 2020

CPU	CPU Mark	Price (USD)
 AMD Athlon II X2 4450e	867	NA
 Intel Core i3-2357M @ 1.30GHz	866	NA
 Intel Core2 Duo L9600 @ 2.13GHz	865	NA
 Intel Pentium P6000 @ 1.87GHz	865	NA
 Intel Celeron E3400 @ 2.60GHz	864	\$29.00*
 Intel Core2 Duo E6600 @ 2.40GHz	864	\$18.91*
 Intel Core i3-2365M @ 1.40GHz	864	NA
 Intel Core2 Duo T8300 @ 2.40GHz	863	\$108.95*
 Intel Core i3-2377M @ 1.50GHz	861	NA
 AMD Turion 64 X2 Mobile TL-68	861	\$90.00*
 AMD E2-3200 APU	859	\$7.99*
 Intel Pentium E5200 @ 2.50GHz	857	\$49.94
 Intel Pentium P6100 @ 2.00GHz	857	\$28.44*
 Intel Xeon 5140 @ 2.33GHz	857	\$24.99*
 AMD Athlon 64 X2 Dual Core 5400+	855	\$52.99*
 AMD Athlon II X2 4300e	851	NA
 Athlon 64 Dual Core 5000+	850	NA
 Intel Pentium 3560Y @ 1.20GHz	849	NA
 AMD Turion II N530 Dual-Core	844	\$30.00*
 AMD A4-3310MX APU	844	NA
 AMD TurionX2 Ultra DualCore Mobile ZM-85	841	NA
 AMD Opteron 275	839	\$54.99
 Intel Pentium E2220 @ 2.40GHz	839	\$85.99*
 Intel Core2 Duo P8800 @ 2.66GHz	839	\$56.99*
 Intel Xeon E5205 @ 1.86GHz	838	\$14.27*
 Intel Xeon E5502 @ 1.87GHz	837	\$95.00*
 AMD E2-9000e	837	NA
 Intel Core i5-430UM @ 1.20GHz	836	NA
 Intel Celeron B830 @ 1.80GHz	834	\$10.00*

Home

CPU Benchmarks

	AMD Sempron X2 180		826	\$69.40*
	Intel Pentium B940 @ 2.00GHz		825	\$29.94*
	AMD Athlon 7550 Dual-Core		824	\$14.95*
	Intel Core2 Duo P8600 @ 2.40GHz		824	\$49.18*
	Intel Xeon 3050 @ 2.13GHz		822	\$157.95*
	Intel Xeon 3065 @ 2.33GHz		822	\$20.90*
	Intel Pentium B960 @ 2.20GHz		822	\$38.68*
	Intel Core2 Duo E8135 @ 2.40GHz		821	NA
	Intel Core2 Duo T9550 @ 2.66GHz		821	\$298.95*
	AMD Phenom II P650 Dual-Core		821	\$35.00*
	AMD Turion II P560 Dual-Core		818	NA
	Intel Core2 Duo T7500 @ 2.20GHz		818	\$42.99*
	Intel Core2 Duo T7700 @ 2.40GHz		818	\$49.95
	Intel Core2 Duo P8400 @ 2.26GHz		817	\$297.01*
	Intel Atom x5-Z8300 @ 1.44GHz		817	\$132.99*
	AMD A4-3330MX APU		816	NA
	AMD A4-4355M APU		816	NA
	AMD Turion II Ultra Dual-Core Mobile M620		814	NA
	AMD Turion II Dual-Core Mobile M500		813	NA
	Celeron Dual-Core T3500 @ 2.10GHz		809	NA
	Intel Core2 Duo E6540 @ 2.33GHz		808	NA
	AMD A4-3305M APU		807	\$20.81
	AMD Athlon 64 X2 Dual Core 5200+		806	\$60.00*
	AMD Opteron 1214 HE		806	NA
	Intel Celeron 2957U @ 1.40GHz		806	NA
	Intel Pentium T4300 @ 2.10GHz		805	\$98.95
	Intel Celeron E3300 @ 2.50GHz		805	\$44.00
	Intel Xeon E5503 @ 2.00GHz		804	\$287.01*
	AMD Athlon64 X2 Dual Core 4600+		803	NA
	Intel Core2 Duo E4700 @ 2.60GHz		803	\$26.99*
	AMD Turion II P540 Dual-Core		801	\$49.95*
	AMD Athlon 64 X2 Dual Core 5800+		797	\$29.95
	AMD Athlon Dual Core 5200B		796	NA
	AMD Athlon 5000 Dual-Core		796	\$109.95*
	Intel Atom Z3775D @ 1.49GHz		794	NA
	AMD Turion II P520 Dual-Core		790	NA
	Intel Core2 Duo P7370 @ 2.00GHz		790	NA
	Intel Pentium 997 @ 1.60GHz		789	NA
	Intel Xeon 3040 @ 1.86GHz		789	\$25.04*
	AMD Athlon 7450 Dual-Core		789	NA
	Intel Celeron E3200 @ 2.40GHz		786	\$19.99*
	Intel Core2 Duo E6400 @ 2.13GHz		786	\$19.89*
	Intel Core2 Duo P7450 @ 2.13GHz		783	\$39.99*
	AMD A6-4455M APU		777	NA
	Intel Celeron B810 @ 1.60GHz		775	\$79.95*

19.10.2020

PassMark CPU Benchmarks - Low End CPUs

	≡	VIA QuadCore L4700 @ 1.2+ GHz		773 NA

 CPU Benchmarks

▼

≡	Intel Pentium T4400 @ 2.20GHz		769 NA
≡	AMD Athlon II N350 Dual-Core		767 NA
≡	AMD Opteron 280		765 \$335.96
≡	Intel Xeon 5120 @ 1.86GHz		763 \$1,619.99
≡	AMD Opteron 270		761 \$249.95*
≡	AMD Athlon II P360 Dual-Core		759 \$19.95
≡	AMD Athlon Dual Core 5050e		759 \$60.00*
≡	Intel Core2 Duo T7600 @ 2.33GHz		758 \$99.95*
≡	Intel Pentium T4200 @ 2.00GHz		755 \$12.00*
≡	Intel Celeron B820 @ 1.70GHz		755 \$29.29*
≡	AMD GX-218GL SOC		754 NA
≡	Intel Atom Z3775 @ 1.46GHz		753 \$500.00*
≡	Intel Core i5-470UM @ 1.33GHz		752 NA
≡	Intel Core2 Duo T6670 @ 2.20GHz		750 NA
≡	Intel Core2 Duo T8100 @ 2.10GHz		750 \$999.99*
≡	Intel Pentium E2200 @ 2.20GHz		749 \$54.00
≡	Intel Celeron 1047UE @ 1.40GHz		748 NA
≡	Dual-Core AMD Opteron 1220 SE		748 NA
≡	AMD Opteron 180		746 \$119.95*
≡	AMD Turion II Dual-Core Mobile M520		746 \$69.10*
≡	AMD Athlon 64 X2 Dual Core 5000+		744 \$331.49*
≡	Intel Core2 Duo E4600 @ 2.40GHz		744 \$157.95*
≡	Intel Core2 Duo T7400 @ 2.16GHz		743 NA
≡	Intel Atom Z3770 @ 1.46GHz		743 \$149.44*
≡	AMD GX-217GA SOC		743 NA
≡	Intel Pentium D 960 @ 3.60GHz		743 NA
≡	Intel Core2 Duo E6420 @ 2.13GHz		742 \$189.95*
≡	AMD Turion 64 X2 Mobile TL-62		738 \$29.00*
≡	AMD Athlon Dual Core 5600B		737 NA
≡	Athlon 64 Dual Core 3800+		736 NA
≡	AMD Athlon Dual Core 4850e		735 \$39.00*
≡	AMD Athlon 64 X2 Dual Core 4600+		734 \$349.95
≡	AMD Athlon 5200 Dual-Core		734 \$89.89
≡	AMD Opteron 1216		734 \$54.85*
≡	Intel Celeron 2961Y @ 1.10GHz		732 NA
≡	AMD Turion X2 Ultra Dual-Core Mobile ZM-85		730 \$45.00*
≡	Intel Xeon 5150 @ 2.66GHz		728 \$93.99*
≡	Intel Core2 Duo T6600 @ 2.20GHz		727 \$18.90*
≡	AMD Athlon Dual Core 4850B		727 NA
≡	AMD Opteron 1216 HE		727 NA
≡	AMD E2-3000 APU		726 NA
≡	Intel Pentium T4500 @ 2.30GHz		724 NA
≡	Intel Celeron 1007U @ 1.50GHz		724 \$184.99*
≡	Intel Core2 Duo T7300 @ 2.00GHz		723 \$49.99*
≡	Intel Core2 Duo T5870 @ 2.00GHz		720 NA

	AMD Turion X2 Ultra Dual-Core Mobile ZM-84		720	\$18.99*
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 CPU Benchmarks

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	Intel Celeron 2955U @ 1.40GHz		716	NA
	Intel Celeron 877 @ 1.40GHz		713	NA
	Intel Celeron E1600 @ 2.40GHz		712	NA
	Intel Core2 Duo E4500 @ 2.20GHz		711	\$71.25*
	Intel Celeron P4500 @ 1.87GHz		709	NA
	AMD Athlon 64 FX-60 Dual Core		709	NA
	Intel Core i3-380UM @ 1.33GHz		708	NA
	AMD Turion X2 Dual-Core Mobile RM-75		708	NA
	Intel Celeron 887 @ 1.50GHz		708	NA
	AMD Athlon II P340 Dual-Core		705	\$39.95*
	Intel Core2 Duo T5850 @ 2.16GHz		705	\$15.90*
	Intel Core2 Duo T6400 @ 2.00GHz		704	\$14.99*
	AMD Turion II Neo N54L Dual-Core		704	NA
	Intel Atom E3840 @ 1.91GHz		704	NA
	AMD Athlon 64 X2 Dual Core 4800+		704	\$149.95
	Intel Celeron E1400 @ 2.00GHz		703	\$14.00
	Intel Pentium E2210 @ 2.20GHz		702	NA
	AMD Athlon II Dual-Core M320		702	\$30.00*
	Intel Celeron P4600 @ 2.00GHz		700	NA
	AMD Opteron 1214		696	\$54.99*
	Intel Core2 Duo T7250 @ 2.00GHz		696	\$201.48*
	AMD Opteron 185		695	NA
	AMD Turion 64 X2 Mobile TL-64		692	\$39.39*
	AMD Turion X2 Dual Core Mobile RM-76		691	NA
	Intel Celeron G470 @ 2.00GHz		691	\$35.15*
	Intel Celeron J3060 @ 1.60GHz		690	NA
	Intel Celeron P4505 @ 1.87GHz		689	NA
	AMD Opteron 175		689	NA
	AMD Turion X2 Ultra Dual-Core Mobile ZM-87		688	\$39.95*
	AMD Athlon X2 Dual Core BE-2400		688	NA
	Intel Core2 Duo T6500 @ 2.10GHz		686	\$14.99*
	Intel Core2 Duo P7350 @ 2.00GHz		686	\$19.99*
	Intel Atom x5-Z8330 @ 1.44GHz		685	NA
	AMD Turion II Neo K685 Dual-Core		684	NA
	Athlon Dual Core 4450e		681	NA
	Intel Core2 Duo L7800 @ 2.00GHz		680	NA
	AMD Athlon Dual Core 4450e		679	\$14.48*
	AMD A4-3300M APU		677	\$29.99*
	AMD Athlon II Dual-Core M340		676	NA
	AMD Athlon II X2 270u		675	\$67.67*
	AMD Athlon 64 X2 Dual Core 3600+		674	\$50.00*
	Intel Celeron B800 @ 1.50GHz		673	\$24.99*
	Intel Core2 Duo SL9400 @ 1.86GHz		672	\$253.00*
	Intel Celeron N2910 @ 1.60GHz		672	NA

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PassMark CPU Benchmarks - Low End CPUs

AMD E2-3000M APU		671	\$42.98*
Intel Core2 Duo T5750 @ 2.00GHz		671	\$9.99*

🏠 CPU Benchmarks ▼

AMD Athlon 64 X2 Dual Core 4200+		666	\$109.95
Intel Celeron N3060 @ 1.60GHz		665	\$169.00
AMD Athlon II N330 Dual-Core		665	NA
Intel Pentium T3200 @ 2.00GHz		663	\$12.00*
AMD Athlon II X2 260u		663	\$83.44*
Intel Core2 Duo E4400 @ 2.00GHz		662	\$49.99*
AMD Turion Dual-Core RM-75		659	\$27.46*
Celeron Dual-Core T3300 @ 2.00GHz		658	\$14.97*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86		658	\$61.00
Intel Pentium E2180 @ 2.00GHz		655	\$129.90
AMD Turion X2 Ultra Dual-Core Mobile ZM-82		654	NA
AMD Turion X2 Dual-Core Mobile RM-72		653	\$224.26*
Athlon Dual Core 4050e		651	NA
AMD Athlon 64 X2 Dual Core 4400+		650	\$49.99
Intel Celeron E1500 @ 2.20GHz		649	\$19.65*
Intel Celeron N3000 @ 1.04GHz		649	NA
AMD Turion Dual-Core RM-72		649	\$39.99*
Intel Celeron B815 @ 1.60GHz		648	NA
AMD Opteron 170		648	NA
Intel Core2 Duo T5600 @ 1.83GHz		643	NA
AMD Athlon Dual Core 4450B		643	\$31.00*
Intel Pentium 2129Y @ 1.10GHz		638	\$134.00*
Intel Core2 Duo T5300 @ 1.73GHz		635	NA
Intel Pentium E2160 @ 1.80GHz		635	\$15.51*
AMD Turion X2 Dual-Core Mobile RM-77		635	NA
Intel Pentium D 950 @ 3.40GHz		634	NA
AMD Athlon 64 X2 Dual Core 3800+		634	NA
AMD Turion X2 Dual-Core Mobile RM-70		634	NA
AMD Turion 64 X2 Mobile TL-66		627	\$89.00
Intel Core2 Duo T5800 @ 2.00GHz		626	NA
Intel Celeron 857 @ 1.20GHz		625	NA
Intel Atom C2358 @ 1.74GHz		625	NA
AMD Turion X2 Dual-Core Mobile RM-74		623	\$14.95*
AMD Athlon II P320 Dual-Core		622	\$19.95*
AMD Athlon 64 X2 QL-64		622	NA
Intel Pentium 957 @ 1.20GHz		622	\$134.00*
AMD Athlon 64 X2 Dual-Core TK-57		619	NA
Intel Atom Z3745 @ 1.33GHz		617	\$30.00*
Intel Core2 Duo L9300 @ 1.60GHz		615	NA
Intel Atom Z3740D @ 1.33GHz		614	NA
Intel Celeron J1800 @ 2.41GHz		611	NA
AMD Athlon II Dual-Core M300		610	NA
AMD Athlon 64 X2 QL-65		609	\$29.86*

⌵	Intel Core2 Duo U9600 @ 1.60GHz		609	NA	
⌵	Intel Core2 Duo L 7700 @ 1.80GHz		607	NA	

 CPU Benchmarks

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⌵	Intel Core2 Duo T7100 @ 1.80GHz		603	\$14.99*	
⌵	Intel Celeron 847E @ 1.10GHz		603	NA	
⌵	Celeron Dual-Core T3000 @ 1.80GHz		603	NA	
⌵	AMD Turion X2 Dual Core L510		603	NA	
⌵	AMD E1 Micro-6200T APU		600	NA	
⌵	Intel Xeon 5110 @ 1.60GHz		600	\$35.00*	
⌵	AMD Athlon 64 X2 Dual Core 4000+		596	NA	
⌵	Intel Atom S1260 @ 2.00GHz		596	\$64.00*	
⌵	Intel Celeron J1750 @ 2.41GHz		595	NA	
⌵	AMD Athlon 64 X2 Dual Core BE-2300		594	NA	
⌵	Intel Atom Z3740 @ 1.33GHz		594	NA	
⌵	AMD Opteron 1212		593	\$290.00*	
⌵	Intel Pentium T3400 @ 2.16GHz		592	\$89.95*	
⌵	AMD Athlon X2 Dual Core BE-2350		591	NA	
⌵	AMD Athlon 64 X2 QL-66		591	NA	
⌵	AMD E1-2500 APU		589	NA	
⌵	Intel Pentium 967 @ 1.30GHz		588	NA	
⌵	Intel Celeron N2840 @ 2.16GHz		588	NA	
⌵	AMD Turion Dual-Core RM-74		588	NA	
⌵	AMD Turion II Neo N40L Dual-Core		587	NA	
⌵	Intel Pentium U5600 @ 1.33GHz		587	NA	
⌵	Intel Atom Z3745D @ 1.33GHz		585	NA	
⌵	Intel Atom C2338 @ 1.74GHz		584	NA	
⌵	AMD Athlon 64 X2 QL-67		582	NA	
⌵	Intel Xeon MV 3.20GHz		582	NA	
⌵	Intel Celeron G465 @ 1.90GHz		580	\$40.00*	
⌵	Intel Celeron N3010 @ 1.04GHz		579	NA	
⌵	Intel Core2 Duo T5900 @ 2.20GHz		579	NA	
⌵	AMD Turion 64 X2 Mobile TL-60		577	\$15.95*	
⌵	AMD Turion 64 X2 Mobile TL-58		577	NA	
⌵	AMD Athlon 64 X2 Dual-Core TK-42		577	NA	
⌵	AMD E1-7010 APU		577	NA	
⌵	Intel Celeron 1019Y @ 1.00GHz		576	NA	
⌵	Intel Core2 Duo L7500 @ 1.60GHz		575	NA	
⌵	Intel Celeron N3050 @ 1.60GHz		575	\$119.00	
⌵	AMD Athlon 64 X2 Dual Core BE-2350		573	NA	
⌵	AMD GX-212JC SOC		570	NA	
⌵	Intel Pentium T2410 @ 2.00GHz		569	NA	
⌵	AMD Athlon 64 X2 3800+		566	NA	
⌵	AMD Turion II Neo K625 Dual-Core		565	NA	
⌵	AMD Athlon X2 Dual Core 6850e		564	NA	
⌵	Intel Celeron N2830 @ 2.16GHz		564	\$149.99*	
⌵	Intel Pentium 987 @ 1.50GHz		564	NA	
⌵	AMD Sempron Dual Core 2200		563	NA	
⌵	Intel Celeron 867 @ 1.30GHz		562	\$29.99*	

AMD Turion Dual-Core RM-70		561	\$25.00*
Intel Celeron U1360N @ 1.20GHz		560	NA

 CPU Benchmarks

Intel Atom Z3735E @ 1.33GHz		557	\$117.00*
AMD Sempron Dual Core 2300		555	\$41.99*
Intel Core2 Duo L7300 @ 1.40GHz		550	NA
Intel Core2 Duo T5550 @ 1.83GHz		548	NA
Intel Celeron @ 1.30GHz		548	NA
Intel T1500 @ 1.86GHz		548	NA
Intel Pentium T2390 @ 1.86GHz		541	NA
Intel Atom Z3735G @ 1.33GHz		541	NA
Intel Atom Z3735D @ 1.33GHz		540	NA
Intel Core2 Duo T5450 @ 1.66GHz		538	NA
AMD Sempron Dual Core 2100		533	\$37.99*
AMD Sempron 2650 APU		533	\$59.61
AMD E1-6010 APU		531	NA
AMD Athlon 64 X2 Dual Core 3400+		531	NA
AMD Opteron 165		531	\$550.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-80		530	\$49.95
AMD Athlon II Neo K345 Dual-Core		527	NA
Intel Atom Z3735F @ 1.33GHz		526	\$500.00*
AMD Athlon 64 X2 Dual-Core TK-55		525	\$72.74*
Intel Core2 Duo E6320 @ 1.86GHz		524	\$49.99*
AMD Sempron 130		521	\$30.00*
Intel Core2 Duo E6300 @ 1.86GHz		521	\$12.99*
Intel Core2 Duo SU9400 @ 1.40GHz		520	NA
AMD E1-6015 APU		518	NA
AMD Athlon 64 FX-57		517	NA
Intel Core2 Duo T5670 @ 1.80GHz		516	NA
Intel T2050 @ 2.00GHz		516	NA
Intel Core2 Duo L7400 @ 1.50GHz		516	NA
Intel Atom E3827 @ 1.74GHz		515	NA
AMD Turion 64 X2 Mobile TL-56		514	\$13.95*
Celeron Dual-Core T3100 @ 1.90GHz		512	\$32.00*
Intel Atom Z3736F @ 1.33GHz		511	NA
Intel Pentium SU4100 @ 1.30GHz		510	NA
Intel Celeron N2808 @ 1.58GHz		509	NA
Intel Core2 Duo U7300 @ 1.30GHz		509	NA
Intel Pentium E2140 @ 1.60GHz		508	\$89.95*
Intel Core2 Duo E4300 @ 1.80GHz		507	\$159.95*
Intel Core2 Duo T5470 @ 1.60GHz		504	NA
Intel Core2 Duo T5500 @ 1.66GHz		504	NA
AMD Athlon 64 X2 Dual-Core TK-53		502	NA
Intel Core Duo T2700 @ 2.33GHz		498	NA
AMD Sempron 150		498	\$14.95*
Intel Pentium D 940 @ 3.20GHz		498	NA
AMD TurionX2 Dual Core Mobile RM-70		497	NA
AMD Athlon X2 Dual Core BE-2300		497	NA

	AMD Turion X2 Dual Core Mobile RM-70		497	\$132.56*
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 CPU Benchmarks

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	AMD E2-2000 APU		488	NA
	Intel Atom Z3770D @ 1.49GHz		488	NA
	AMD Athlon Neo X2 Dual Core L335		487	NA
	Intel Celeron N2806 @ 1.60GHz		486	NA
	Intel Core2 Duo U9300 @ 1.20GHz		485	NA
	AMD Athlon 64 3100+		484	NA
	Intel Celeron G460 @ 1.80GHz		483	\$55.00
	Intel Celeron N2815 @ 1.86GHz		481	NA
	Intel Celeron T1600 @ 1.66GHz		481	\$19.99*
	Intel Atom D2700 @ 2.13GHz		481	NA
	Intel Xeon 3.20GHz		478	NA
	Intel Core2 Duo L7100 @ 1.20GHz		478	NA
	Intel Core2 Duo T5250 @ 1.50GHz		477	\$89.95*
	AMD Athlon Neo X2 Dual Core L325		476	NA
	Intel T1400 @ 1.73GHz		475	\$15.00*
	Intel Celeron 847 @ 1.10GHz		475	\$315.00*
	AMD E1-2200 APU		474	NA
	Intel Celeron U3400 @ 1.07GHz		473	NA
	AMD TurionX2 Dual Core Mobile RM-72		471	NA
	Intel Pentium Extreme Edition 955 @ 3.46GHz		469	\$31.23*
	Intel Celeron N2810 @ 2.00GHz		466	\$139.99*
	AMD Athlon 64 X2 QL-60		465	NA
	AMD Athlon 64 FX-59		465	NA
	AMD Athlon 64 X2 Dual Core TK-53		463	\$29.97*
	AMD Athlon 64 X2 Dual Core TK-55		463	\$57.74*
	Intel Celeron N2807 @ 1.58GHz		461	NA
	AMD G-T56N		461	NA
	AMD Opteron 154		457	NA
	Intel Pentium T2370 @ 1.73GHz		455	\$35.00*
	AMD Opteron 254		451	NA
	Intel Core2 Duo T5200 @ 1.60GHz		450	NA
	Intel Atom D2550 @ 1.86GHz		448	NA
	AMD E2-1800 APU		446	NA
	AMD A4-1200 APU		445	NA
	AMD G-T56E		442	NA
	AMD Athlon 64 X2 QL-62		440	NA
	Intel Pentium U5400 @ 1.20GHz		439	NA
	Intel Atom D2701 @ 2.13GHz		438	NA
	Intel Core2 Duo T5270 @ 1.40GHz		437	NA
	AMD E-350D APU		436	NA
	AMD Athlon II Neo N36L Dual-Core		436	NA
	Intel Celeron N2820 @ 2.13GHz		434	\$209.99*
	Intel Celeron 450 @ 2.20GHz		433	\$13.50*
	Intel Atom D2560 @ 2.00GHz		433	NA
	Intel Celeron 925 @ 2.30GHz		433	NA

	AMD A4-1250 APU		432	NA

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	AMD Athlon LE-1640		430	NA
	Intel Pentium T2330 @ 1.60GHz		429	NA
	AMD Athlon Neo X2 Dual Core 6850e		428	NA
	AMD Opteron 152		428	NA
	Intel Celeron G440 @ 1.60GHz		426	\$49.99*
	Intel Xeon 3.00GHz		425	NA
	AMD E-450 APU		424	NA
	Intel Pentium D 915 @ 2.80GHz		424	NA
	Intel Celeron SU2300 @ 1.20GHz		422	NA
	Intel Atom D525 @ 1.80GHz		421	NA
	AMD Athlon LE-1620		421	\$18.00*
	Intel Core Duo T2600 @ 2.16GHz		418	NA
	AMD Athlon X2 Dual Core L310		417	NA
	AMD Athlon LE-1660		416	NA
	AMD G-T48E		416	NA
	AMD Athlon LE-1600		412	\$21.00*
	AMD Athlon 1640B		412	\$50.00*
	AMD E1-2100 APU		408	NA
	AMD Sempron 145		406	\$55.00
	AMD E-350 APU		405	NA
	AMD E-350		405	NA
	AMD Athlon 64 FX-55		404	\$179.95*
	Intel Core Duo L2500 @ 1.83GHz		404	NA
	Intel Xeon 3.60GHz		403	\$851.00*
	AMD E1-1500 APU		402	NA
	Intel Core i7-2630UM @ 1.60GHz		400	NA
	AMD Turion 64 X2 Mobile TL-50		400	\$18.99*
	AMD Turion 64 Mobile ML-42		400	NA
	AMD Geode NX 2400+		400	NA
	AMD Sempron LE-1300		400	\$25.00
	Intel Core Duo T2500 @ 2.00GHz		400	\$119.99*
	AMD Athlon X2 Dual Core 3250e		399	NA
	AMD Athlon 64 3700+		394	\$119.95
	VIA Nano X2 U4025 @ 1.2 GHz		393	NA
	AMD Opteron 150		393	\$42.99*
	Intel Xeon 3.80GHz		393	\$851.00*
	AMD Opteron 148		392	NA
	Intel Celeron 807 @ 1.50GHz		392	NA
	Intel Celeron 900 @ 2.20GHz		392	\$18.99
	AMD E1-1200 APU		388	NA
	Intel Core Duo L2300 @ 1.50GHz		387	NA
	Intel Pentium 4 3.73GHz		385	NA
	Intel Atom N2800 @ 1.86GHz		385	NA
	Intel Atom E3825 @ 1.33GHz		385	\$70.32*
	Intel Atom D510 @ 1.66GHz		385	\$97.16*
	AMD Turion 64 X2 Mobile TL-52		384	NA

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AMD Turion 64 Mobile ML-44		384	NA
Intel Core Duo T2450 @ 2.00GHz		383	NA

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AMD Athlon 64 3400+		375	NA
Intel Atom Z2760 @ 1.80GHz		375	NA
AMD Athlon 64 3300+		375	NA
Intel Xeon 3.40GHz		375	NA
AMD V140		372	\$49.95*
Intel Celeron D 360 @ 3.46GHz		372	NA
Intel Atom 330 @ 1.60GHz		371	NA
Intel Celeron 827E @ 1.40GHz		371	NA
Intel Celeron 440 @ 2.00GHz		368	\$49.99
AMD Athlon 64 3500+		366	\$79.95
Intel Core2 Duo U7500 @ 1.06GHz		366	NA
Intel Celeron 560 @ 2.13GHz		365	\$69.95*
Intel Core Duo T2350 @ 1.86GHz		364	NA
AMD Sempron 3600+		364	\$15.00*
AMD Athlon II 170u		361	\$24.00*
AMD Sempron 3800+		360	\$14.99*
AMD E-300 APU		360	NA
AMD Turion 64 Mobile MK-38		359	NA
AMD Sempron LE-1200		358	\$14.95*
Intel Core Duo T2400 @ 1.83GHz		358	\$16.00*
AMD Athlon II 160u		358	\$29.99*
Mobile AMD Athlon 64 3700+		356	NA
AMD Sempron M120		355	NA
AMD Sempron LE-1250		354	\$99.99
Intel Core Duo T2250 @ 1.73GHz		352	NA
Intel Pentium D 805 @ 2.66GHz		351	NA
AMD V160		350	NA
Intel Core2 Duo U7600 @ 1.20GHz		350	NA
Intel Pentium T2080 @ 1.73GHz		348	\$159.95*
Intel Core Duo L2400 @ 1.66GHz		348	NA
Intel Celeron 540 @ 1.86GHz		348	NA
AMD Opteron 146		346	\$59.99*
Intel Core2 Duo U7700 @ 1.33GHz		345	NA
Mobile Intel Pentium 4 3.33GHz		344	NA
Intel Celeron 570 @ 2.26GHz		344	NA
AMD Athlon II Neo K325 Dual-Core		343	\$25.99*
Intel 2.80GHz		341	NA
AMD Turion 64 Mobile ML-40		339	NA
AMD Athlon TF-36		338	NA
Intel Celeron M 530 @ 1.73GHz		338	NA
AMD Sempron M100		338	\$12.00*
Mobile AMD Sempron 3800+		335	NA
Intel Core Duo T2300 @ 1.66GHz		335	NA
Intel Celeron N2805 @ 1.46GHz		335	NA
Intel Atom N570 @ 1.66GHz		335	\$86.00*
AMD Turion 64 Mobile MK-36		334	NA

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PassMark CPU Benchmarks - Low End CPUs

⌵	Mobile AMD Athlon 64 3400+		333	NA	
⌵	AMD Athlon 2850e		333	NA	

🏠 CPU Benchmarks ▼

⌵	AMD V120		327	NA	
⌵	Mobile AMD Athlon 64 3200+		326	NA	
⌵	AMD C-60 APU		324	NA	
⌵	Intel Atom N2600 @ 1.60GHz		323	NA	
⌵	AMD Athlon 64 4000+		321	\$229.95*	
⌵	Mobile AMD Sempron 3400+		321	NA	
⌵	AMD Sempron 140		321	\$11.95*	
⌵	Intel Pentium 4 3.60GHz		320	NA	
⌵	AMD Turion 64 Mobile ML-37		318	\$25.99*	
⌵	AMD Opteron 144		316	\$29.95*	
⌵	Mobile AMD Sempron 3500+		316	NA	
⌵	AMD Sempron LE-1100		316	\$34.95	
⌵	Intel Atom N550 @ 1.50GHz		316	\$86.00*	
⌵	VIA Eden X2 U4200 @ 1.0+ GHz		315	NA	
⌵	AMD Turion 64 Mobile MT-37		315	NA	
⌵	AMD Sempron 3300+		315	\$20.00	
⌵	Intel Celeron D 420 @ 1.60GHz		313	NA	
⌵	Mobile AMD Athlon 64 4000+		313	NA	
⌵	Intel Pentium 4 3.80GHz		313	NA	
⌵	Intel Core Duo T2050 @ 1.60GHz		309	NA	
⌵	AMD Z-01		308	NA	
⌵	AMD Athlon 64 3000+		308	\$64.95	
⌵	Intel Pentium 4 3.00GHz		307	NA	
⌵	Intel Pentium 4 3.40GHz		304	NA	
⌵	Intel Celeron 430 @ 1.80GHz		304	\$59.95	
⌵	Mobile AMD Sempron 3600+		302	NA	
⌵	AMD Athlon II Neo K125		302	NA	
⌵	AMD C-70 APU		302	NA	
⌵	AMD Sempron 3100+		298	\$79.95*	
⌵	AMD Athlon II Neo K145		298	NA	
⌵	Intel Pentium 4 3.46GHz		295	NA	
⌵	AMD Athlon 64 2800+		295	\$99.99*	
⌵	Mobile AMD Sempron 3300+		294	NA	
⌵	Intel Celeron 420 @ 1.60GHz		293	\$13.00*	
⌵	AMD C-60		293	NA	
⌵	AMD Athlon 64 3800+		292	\$89.95	
⌵	AMD Sempron 3400+		292	\$73.90	
⌵	Intel Pentium M 2.10GHz		292	NA	
⌵	AMD Athlon 2800+		291	\$109.95	
⌵	Intel Pentium 4 3.20GHz		289	NA	
⌵	AMD Sempron 3200+		288	\$108.11	
⌵	Intel Celeron 530 @ 1.73GHz		287	\$13.00*	
⌵	AMD Athlon Neo MV-40		286	NA	
⌵	AMD Turion 64 Mobile MT-32		286	NA	
⌵	AMD Turion 64 Mobile ML-32		285	NA	
⌵	Intel Pentium M 1.86GHz		284	NA	

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PassMark CPU Benchmarks - Low End CPUs

Intel Celeron D 352 @ 3.20GHz		283	NA
AMD Athlon XP 3100+		282	NA

🏠 CPU Benchmarks ▼

AMD Turion 64 Mobile MT-34		279	NA
VIA Nano L2100@1800MHz		279	NA
Mobile AMD Sempron 3100+		277	NA
AMD Turion 64 Mobile ML-30		277	NA
AMD Turion 64 Mobile ML-34		277	NA
AMD Athlon XP 2900+		276	NA
AMD Athlon 2650e		274	\$19.00*
Intel Pentium M 2.13GHz		271	NA
VIA Nano U2250 (1.6GHz Capable)		270	NA
Intel Pentium M 2.00GHz		270	NA
AMD C-50		270	NA
Mobile AMD Sempron 3000+		269	NA
Intel Atom D2500 @ 1.86GHz		268	NA
AMD Athlon TF-20		268	NA
AMD Sempron 3000+		268	\$34.95
AMD Sempron 210U		267	NA
Intel Celeron 3.20GHz		267	NA
Intel Celeron M 723 @ 1.20GHz		267	NA
AMD Sempron SI-42		267	\$29.99*
Intel Core2 Solo U3500 @ 1.40GHz		265	NA
AMD Sempron LE-1150		265	\$14.94*
Intel Celeron 3.33GHz		263	NA
VIA Eden C1050@1.06GHz		263	NA
AMD G-T40E		263	NA
AMD Z-60 APU		262	NA
AMD Athlon XP 3000+		262	\$79.70*
AMD Athlon XP 2800+		260	NA
Intel Xeon 2.80GHz		260	NA
Intel Pentium M 1.73GHz		257	NA
AMD Sempron SI-40		257	\$12.00*
Mobile AMD Sempron 2600+		256	NA
AMD Athlon XP 2700+		256	\$84.79*
Intel Atom E3826 @ 1.46GHz		256	NA
Intel Core Duo U2400 @ 1.06GHz		255	NA
AMD Turion 64 Mobile ML-28		254	NA
VIA Nano L2007@1600MHz		254	NA
Intel Core Solo T1400 @ 1.83GHz		253	NA
AMD Sempron 2600+		253	\$34.95
Intel Celeron M 1.70GHz		252	NA
Intel Celeron D 356 @ 3.33GHz		251	NA
Intel Pentium 4 3.06GHz		249	NA
AMD GX-210JA SOC		248	NA
AMD Turion 64 Mobile MT-30		246	NA
Mobile AMD Sempron 3200+		245	NA
Intel Celeron 743 @ 1.30GHz		245	NA
Intel Pentium 4 2.80GHz		243	NA

	AMD Athlon XP2400+		243	NA	
	AMD Athlon 64 2600+		243	NA	

 CPU Benchmarks

	Intel Celeron M 520 @ 1.60GHz		242	NA	
	Mobile AMD Athlon XP-M 2600+		241	NA	
	Mobile AMD Athlon 2500+		241	NA	
	Intel Pentium M 1.50GHz		240	NA	
	Intel Pentium M 1.70GHz		239	NA	
	Intel Pentium SU2700 @ 1.30GHz		239	NA	
	Mobile AMD Athlon XP-M 3000+		238	NA	
	Mobile AMD Athlon XP-M 2800+		238	NA	
	Intel Pentium M 1700MHz		237	NA	
	Mobile AMD Athlon XP-M 2200+		237	NA	
	Mobile AMD Sempron 2800+		237	NA	
	Intel Pentium M 2.26GHz		235	NA	
	AMD Athlon XP 2400+		234	\$79.99	
	Intel Celeron 3.06GHz		234	NA	
	Intel Core2 Solo U2100 @ 1.06GHz		233	NA	
	Mobile AMD Athlon 4 2400+		233	NA	
	AMD Sempron 2800+		233	\$29.95	
	Intel Celeron D 347 @ 3.06GHz		232	NA	
	Mobile Intel Pentium 4 3.20GHz		232	NA	
	AMD Sempron 3500+		232	\$24.99*	
	AMD Athlon XP 2500+		231	NA	
	Intel Celeron 2.93GHz		230	NA	
	Intel Celeron M 450 @ 2.00GHz		230	NA	
	Intel Pentium M 1.60GHz		229	NA	
	Mobile AMD Athlon XP-M 2500+		226	NA	
	Mobile AMD Athlon XP-M 2400+		225	NA	
	Intel Pentium M 1.40GHz		225	NA	
	Intel Celeron M 1.60GHz		224	NA	
	Intel Atom N470 @ 1.83GHz		224	NA	
	Intel Atom D425 @ 1.80GHz		222	\$992.98*	
	Intel Celeron M 360 1.40GHz		221	NA	
	Intel Core Duo U2500 @ 1.20GHz		220	NA	
	Mobile Intel Pentium 4 3.06GHz		220	NA	
	Intel Celeron M 1500MHz		217	NA	
	Intel Celeron M 1.50GHz		216	NA	
	AMD Athlon XP 2200+		214	\$84.95*	
	Intel Celeron 723 @ 1.20GHz		213	NA	
	Intel Atom 230 @ 1.60GHz		210	NA	
	AMD Athlon XP 2100+		210	\$63.75*	
	Intel Core Solo T1300 @ 1.66GHz		210	NA	
	Intel Celeron 807UE @ 1.00GHz		210	NA	
	Intel Celeron 220 @ 1.20GHz		209	NA	
	Intel Pentium M 1400MHz		208	NA	
	AMD Sempron 2300+		207	\$45.00*	
	Intel Celeron M 1.30GHz		205	NA	
	Mobile Intel Pentium 4 2.80GHz		205	NA	
	AMD Sempron 2400+		205	\$12.99	

	AMD Athlon XP 1900+		203	\$45.80*	
	Intel Pentium M 1 20GHz		199	NA	

 CPU Benchmarks

	Intel Pentium M 1300MHz		197	NA	
	Intel Celeron M 1300MHz		197	NA	
	AMD Athlon L110		197	NA	
	Intel Pentium M 1.30GHz		196	NA	
	Mobile AMD Athlon XP-M 2000+		196	NA	
	AMD Athlon XP 1800+		195	\$60.00*	
	AMD Athlon XP 2000+		195	\$75.00*	
	Intel Pentium III 1400S @ 1400MHz		194	NA	
	Intel Core Solo T1350 @ 1.86GHz		194	NA	
	Mobile AMD Athlon XP-M 1800+		193	NA	
	Intel Pentium III 1400 @ 1400MHz		193	NA	
	Intel Pentium M 1600MHz		193	NA	
	Mobile AMD Athlon MP-M 2400+		192	NA	
	AMD Athlon 1500+		191	NA	
	Intel Celeron 2.80GHz		190	NA	
	Intel Pentium 4 2.60GHz		189	NA	
	Intel Atom N2100 @ 1.60GHz		188	NA	
	AMD E-240		188	NA	
	Intel Pentium M 1500MHz		188	NA	
	VIA Nano U3500@1000MHz		184	NA	
	Intel Pentium M 1.10GHz		184	NA	
	AMD V105		184	NA	
	AMD Sempron 2200+		184	\$39.95	
	AMD Athlon XP1600+		183	NA	
	Intel Atom Z530 @ 1.60GHz		183	NA	
	Mobile Intel Celeron 1333MHz		183	NA	
	Mobile Intel Pentium 4 2.66GHz		182	NA	
	Intel Celeron 2.26GHz		182	NA	
	Intel Atom N280 @ 1.66GHz		181	NA	
	Intel Xeon 2.40GHz		180	\$9.10*	
	Intel Atom N475 @ 1.83GHz		179	NA	
	VIA Nano U2250@1300+MHz		179	NA	
	AMD C-30		178	NA	
	AMD G-T52R		177	NA	
	Intel Atom N450 @ 1.66GHz		177	NA	
	AMD Athlon XP 1700+		176	\$61.25*	
	Intel Atom N270 @ 1.60GHz		175	NA	
	AMD Athlon XP 1600+		174	NA	
	Intel Celeron 215 @ 1.33GHz		174	NA	
	Intel Celeron 2.66GHz		173	NA	
	Mobile AMD Athlon MP-M 1800+		173	NA	
	AMD Sempron 2500+		172	\$59.95	
	Intel Celeron M 430 @ 1.73GHz		169	NA	
	Mobile AMD Athlon XP-M 1600+		169	NA	
	AMD Athlon XP 1500+		167	NA	
	Intel Celeron 2.13GHz		166	NA	
	VIA Nano L2207@1600MHz		165	NA	

Intel XEON 2.20GHz		164	NA
Intel Celeron 2.50GHz		164	NA

 CPU Benchmarks

Intel Core Solo U1500 @ 1.33GHz		164	NA
Intel Pentium III Mobile 1133MHz		164	NA
Intel Atom D410 @ 1.66GHz		162	\$635.99*
Intel Pentium 4 2.53GHz		162	NA
Intel Atom N455 @ 1.66GHz		162	NA
Intel Pentium III Mobile 1066MHz		160	NA
Intel Pentium 4 2.50GHz		160	NA
Intel Celeron 2.53GHz		159	NA
Intel Celeron 2.70GHz		159	NA
Intel Celeron 1200MHz		159	NA
Intel Atom Z670 @ 1.50GHz		158	NA
Intel Pentium 4 2.66GHz		157	NA
Intel Pentium 4 2.20GHz		157	NA
Intel Pentium III Mobile 1200MHz		156	NA
Intel Atom Z520 @ 1.33GHz		156	NA
Intel Pentium M 1000MHz		156	NA
Intel Celeron M 440 @ 1.86GHz		155	NA
Intel Pentium M 1200MHz		155	NA
Intel Pentium 4 3.83GHz		154	NA
AMD Athlon 64 2000+		154	NA
Mobile Intel Celeron 2.40GHz		154	NA
Intel Atom N435 @ 1.33GHz		153	NA
Intel Xeon 2.00GHz		152	NA
Intel Pentium 4 2.26GHz		151	NA
Intel Pentium 4 2.93GHz		150	NA
VIA C7-D 1800MHz		150	NA
Intel Celeron M 1.00GHz		149	\$98.95
Intel Celeron 2.30GHz		148	NA
Mobile Intel Celeron 2.20GHz		147	NA
Mobile Intel Pentium III - M 1200MHz		146	NA
VIA C7-M 6300MHz		145	NA
Mobile Intel Pentium 4 - M 2.20GHz		143	NA
Intel Celeron 2.60GHz		143	NA
Intel Celeron 2.40GHz		143	NA
Intel Pentium M 900MHz		141	NA
Intel Core Solo U1300 @ 1.06GHz		141	NA
Mobile Intel Pentium 4 - M 2.40GHz		139	NA
Intel Celeron 1000MHz		139	NA
Intel Celeron M 420 @ 1.60GHz		139	NA
Intel Celeron 2.20GHz		139	NA
Mobile Intel Pentium 4 - M 2.00GHz		138	NA
Intel Pentium 4 Mobile 1.90GHz		136	NA
VIA Esther 1500MHz		135	NA
Intel Pentium 4 2.00GHz		133	NA
Mobile Intel Celeron 2.00GHz		133	NA
Intel Pentium 4 Mobile 2.00GHz		132	NA
Intel Pentium 4 2.40GHz		131	NA

Intel Core Solo U1400 @ 1.20GHz	130	NA
Mobile Intel Pentium III - M 933MHz	130	NA

 CPU Benchmarks

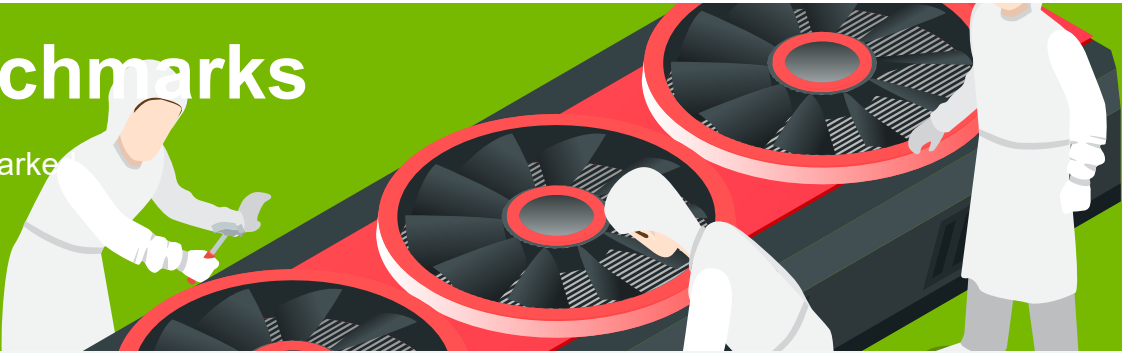
Intel Celeron 2.00GHz	125	NA
Intel Celeron M 410 @ 1.46GHz	123	NA
Intel Celeron M 900MHz	123	NA
Mobile Intel Pentium 4 - M 1.70GHz	121	\$199.99
Mobile Intel Celeron 1.80GHz	121	NA
AMD G-T40R	120	NA
Mobile Intel Pentium 4 - M 1.80GHz	119	NA
Intel Pentium III Mobile 800MHz	119	NA
Mobile Intel Celeron 1.70GHz	118	NA
Intel Pentium 4 Mobile 1.60GHz	116	NA
VIA C7-M 1600MHz	116	NA
Intel Pentium 4 1.80GHz	115	NA
Intel Pentium 4 Mobile 1.80GHz	114	NA
Intel Pentium 4 1800MHz	114	NA
Intel Celeron 1100MHz	113	\$15.00*
VIA C7-M 1200MHz	112	NA
AMD G-T44R	112	NA
Intel Celeron B710 @ 1.60GHz	106	NA
Intel Atom E3815 @ 1.46GHz	105	\$199.99
Intel Pentium 4 1.90GHz	104	NA
VIA Nehemiah	101	NA
Intel Celeron 1.70GHz	101	NA
Intel Pentium 4 1700MHz	100	NA
Intel Pentium III Mobile 866MHz	99	NA
Intel Celeron 1.80GHz	96	NA
VIA Esther 1000MHz	95	NA
VIA Eden 1200MHz	93	NA
Intel Pentium 4 1.70GHz	86	NA
Intel Pentium 4 1.50GHz	86	NA
Intel Pentium 4 1.60GHz	84	NA
Intel Pentium 4 1400MHz	83	NA
Intel Pentium 4 1500MHz	81	NA
VIA Eden 1000MHz	80	NA
Intel Pentium 4 1300MHz	77	NA

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MemTest86	USB Power Delivery Tester	RAM Benchmarks			Social
WirelessMon		PC Systems			
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Videocard Benchmarks

Over 1,000,000 Video Cards Benchmarked



High End Video Card Chart

This chart made up of thousands of [PerformanceTest](#) benchmark results and is updated daily with new graphics card benchmarks. This high end chart contains high performance video cards typically found in premium gaming PCs. Recently introduced ATI video cards (such as the ATI Radeon HD) and nVidia graphics cards (such as the nVidia GTX and nVidia Quadro FX) using the PCI-Express (or PCI-E) standard are common in our high end video card charts.

 VIDEO CARD

 High End

High Mid Range

Low Mid Range

Low End

 Best Value

Common

Market Share (30 Days)

 Compare 0

 Video Card Mega List

Search Model

 GPU Compute

Video Card Chart

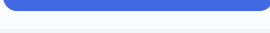
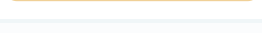
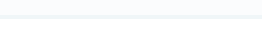
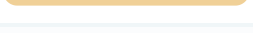
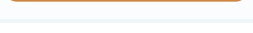
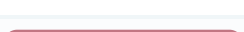
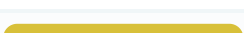
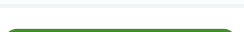
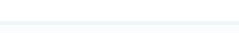
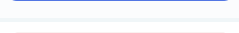
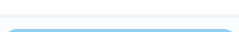
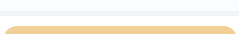
G3D Mark

Price Performance

PassMark - G3D Mark

High End Videocards

Videocard	Average G3D Mark	Price (USD)
 GeForce RTX 3090	24,528	1,599.99*
 GeForce RTX 3080	23,875	849.99*
 GeForce RTX 2080 Ti	21,508	999.99
 Quadro RTX 6000	19,731	6,300.00*
 GeForce RTX 2080 SUPER	19,322	719.99
 TITAN RTX	19,229	2,499.99
 Quadro RTX 8000	19,221	4,741.49*
 TITAN V	19,177	2,149.99*
 GeForce RTX 2080	18,633	799.99*
 NVIDIA TITAN Xp	18,280	1,398.68*
 GeForce RTX 2070 SUPER	18,125	499.99
 GeForce GTX 1080 Ti	17,614	800.08*
 Quadro RTX 5000	17,444	NA
 TITAN Xp COLLECTORS EDITION	17,273	NA
 TITAN V CEO Edition	16,988	NA
 Radeon VII	16,884	599.99*
 Radeon RX 5700 XT	16,683	359.99
 Radeon RX 5700 XT 50th Anniversary	16,457	NA
 GeForce RTX 2060 SUPER	16,357	399.99
 GeForce RTX 2070	16,193	419.99
 Quadro RTX 4000	15,109	899.00*
 GeForce RTX 2080 (Mobile)	15,107	NA
 Radeon Pro W5700	15,031	799.99
 Quadro P6000	15,005	2,749.99*
 Quadro RTX 5000 (Mobile)	14,832	NA
 GeForce GTX 1080	14,816	379.99
 Radeon Pro Vega II	14,738	NA
 GeForce RTX 2070 Super with Max-Q Design	14,687	NA

		Radeon RX Vega 64		14,649	389.99*
		GeForce RTX 2080 with Max-Q Design		14,226	2,099.99*
		GeForce RTX 2080 Super with Max-Q Design		14,220	NA
		Radeon Pro WX 8200		14,137	969.99
		GeForce RTX 2060		14,078	269.99
		Radeon Vega Frontier Edition		14,072	890.00*
		GeForce GTX 1070 Ti		14,013	549.99*
		GeForce GTX 980 Ti		13,748	309.20*
		NVIDIA TITAN X		13,660	608.10*
		Radeon RX 5600 XT		13,448	259.99
		Radeon RX Vega 56		13,342	259.99*
		GeForce GTX 1070		13,316	499.50*
		Tesla T10		13,264	NA
		Quadro M6000 24GB		13,160	NA
		Quadro GV100		12,721	8,999.00*
		GeForce GTX 1660 SUPER		12,703	239.99
		GeForce GTX TITAN X		12,663	599.99*
		Quadro GP100		12,663	NA
		Quadro RTX 4000 with Max-Q Design		12,548	NA
		Radeon Pro WX 9100		12,372	NA
		GeForce GTX 1660 Ti		12,369	269.49
		GeForce RTX 2070 with Max-Q Design		12,369	NA
		GeForce RTX 2070 (Mobile)		12,354	NA
		TITAN Xp		12,256	NA
		Radeon Pro Vega 56		12,209	NA
		Quadro M6000		12,164	1,054.03*
		Quadro P4200		12,019	NA
		Quadro P4200 with Max-Q Design		11,869	NA
		Radeon Pro 5700		11,814	NA
		Quadro P4000		11,708	789.99
		Radeon Pro Vega 48		11,699	NA
		Quadro P5200		11,630	NA
		GeForce GTX 1080 with Max-Q Design		11,555	NA
		GeForce GTX 1660		11,531	189.99
		Radeon Pro Vega 64		11,456	NA
		Quadro P5000		11,440	1,700.64
		GeForce RTX 2060 (Mobile)		11,355	NA
		Quadro RTX 3000		11,304	NA
		Radeon RX5600		11,187	NA
		GeForce GTX 980		11,064	223.10*
		Radeon Pro 5700 XT		10,701	NA
		Radeon RX 5600		10,533	NA
		Radeon Pro SSG		10,498	NA
		Radeon Instinct MI25 MxGPU		10,466	NA
		GeForce GTX 1070 (Mobile)		10,465	NA

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PassMark Software - Video Card (GPU) Benchmarks - High End Video Cards

	GeForce GTX 1060		10,220	325.88*	
	GeForce GTX 1070 with Max-Q		10,203	NA	
Video Card	GeForce GTX 1650 SUPER		9,818	149.99	
	GeForce RTX 2060 with Max-Q Design		9,816	NA	
	Quadro P5200 with Max-Q Design		9,796	NA	
	Radeon R9 Fury + Fury X		9,741	374.10*	
	Radeon Pro Duo		9,672	449.00*	
	GeForce GTX 970		9,649	197.44*	
	GeForce GTX 1060 3GB		9,606	235.99*	
	Radeon R9 Fury X		9,568	NA	
	Radeon R9 Fury		9,567	443.10*	
	Radeon R9 390X		9,540	NA	
	Radeon RX 590		9,481	159.99	
	Radeon Pro W5500		9,377	408.99	
	Quadro M5000		9,223	648.99*	
	GeForce GTX 780 Ti		9,150	225.10*	
	GeForce GTX TITAN Black		9,084	433.10*	
	Quadro P2200		9,083	378.66	
	Quadro P4000 with Max-Q Design		9,083	NA	
	Quadro P3200 with Max-Q Design		8,942	NA	
	Radeon RX 5500 XT		8,939	179.99	
	GeForce GTX Titan		8,780	310.00*	
	Radeon RX 580		8,749	149.99	
	Radeon R9 390		8,741	NA	
	Radeon RX590 GME		8,733	NA	
	GeForce GTX 1660 Ti with Max-Q Design		8,560	NA	
	Radeon RX 480		8,517	198.25*	
	Radeon R9 290		8,514	NA	
	Quadro K6000		8,503	678.15	
	Radeon RX 5500		8,494	NA	
	Radeon R9 290X		8,441	NA	
	Radeon R9 290X / 390X		8,389	220.10*	
	Radeon R9 295X2		8,311	499.10*	
	Quadro RTX 3000 with Max-Q Design		8,306	NA	
	GeForce GTX TITAN Z		8,238	919.10*	
	15FF		8,214	NA	
	GeForce GTX 1060 (Mobile)		8,161	NA	
	Radeon R9 290 / 390		8,150	179.32*	
	GeForce GTX 1060 with Max-Q Design		8,028	NA	
	Quadro P3200		7,931	NA	
	Radeon RX 470		7,918	99.99*	
	Quadro M5500		7,915	NA	
	GeForce GTX 780		7,854	129.99*	
	GeForce GTX 1650		7,814	139.99	
	Radeon RX 580X		7,798	NA	
	Radeon Pro 580		7,753	NA	
	FirePro W9100		7,750	3,593.10*	

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PassMark Software - Video Card (GPU) Benchmarks - High End Video Cards

⌵	Radeon RX 580 2048SP		7,748	NA	
⌵	GeForce GTX 1650 Ti		7,723	NA	

🏠

Video Card

▼

⌵	Radeon Pro 580X		7,540	NA	
⌵	GeForce GTX 980M		7,414	289.99*	
⌵	Tesla M60		7,329	1,395.00*	
⌵	Quadro P2000		7,234	464.90*	
⌵	Tesla P100-PCIE-16GB		7,225	NA	
⌵	FirePro W8100		6,986	1,112.18*	
⌵	GeForce GTX 1650 (Mobile)		6,969	NA	
⌵	Radeon RX 570		6,967	139.99	
⌵	Quadro T1000 with Max-Q Design		6,888	NA	
⌵	Quadro T2000		6,823	NA	
⌵	Radeon RX Vega M GH		6,755	NA	
⌵	Tesla T4		6,753	NA	
⌵	Radeon Pro 5500M		6,714	NA	
⌵	GeForce GTX 970XM FORCE		6,707	NA	
⌵	Quadro P3000		6,703	NA	
⌵	Quadro M5000M		6,578	499.95*	
⌵	Quadro M4000M		6,479	NA	
⌵	Quadro T1000		6,473	NA	
⌵	Quadro M4000		6,431	780.99*	
⌵	GeForce GTX 1050 Ti		6,398	129.99	
⌵	Quadro T2000 with Max-Q Design		6,361	NA	
⌵	Radeon Pro 570		6,337	NA	
⌵	Radeon RX 5600M		6,292	NA	
⌵	FirePro S7150		6,276	2,940.21*	
⌵	Radeon R9 280X		6,226	NA	
⌵	Radeon R9 380		6,149	89.99*	
⌵	GeForce GTX 1650 Ti with Max-Q Design		6,140	NA	
⌵	Radeon Pro WX Vega M GL		6,049	NA	
⌵	Radeon R9 380X		6,046	445.00*	
⌵	GeForce GTX 960		5,990	113.27*	
⌵	GRID P100-16Q		5,945	NA	
⌵	Quadro K5200		5,922	1,659.87	
⌵	GeForce GTX 1050 Ti (Mobile)		5,919	NA	
⌵	FirePro W9000		5,908	3,443.99*	
⌵	GeForce GTX 770		5,895	109.95*	
⌵	GeForce GTX 1650 with Max-Q Design		5,804	NA	
⌵	GeForce GTX 690		5,770	264.10*	
⌵	Radeon Pro Vega 20		5,752	NA	
⌵	GeForce GTX 970M		5,678	209.99*	
⌵	Radeon Pro 5300M		5,658	NA	
⌵	GeForce GTX 1050 Ti with Max-Q Design		5,635	NA	
⌵	GeForce GTX 680		5,585	179.99*	
⌵	Radeon HD 7990		5,566	990.44*	
⌵	Radeon R9 280		5,553	NA	
⌵	Radeon R9 285 / 380		5,550	449.99*	

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PassMark Software - Video Card (GPU) Benchmarks - High End Video Cards

⌵	GRID M60-8A		5,523	NA	
⌵	GeForce GTX 1050		5,447	159.45	

 Video Card ▼

⌵	GeForce GTX 980		5,333	333.33	
⌵	Radeon Pro WX 5100		5,329	334.99	
⌵	GeForce GTX 670		5,321	149.00*	
⌵	GRID M60-2Q		5,291	NA	
⌵	Radeon HD 7970 / R9 280X		5,248	125.99*	
⌵	FirePro S10000		5,235	NA	
⌵	GeForce GTX 760 Ti OEM		5,225	NA	
⌵	Radeon HD 8990		5,214	NA	
⌵	Q12U-1		5,164	NA	
⌵	Radeon R9 M295X		5,150	NA	
⌵	GeForce GTX 760 Ti		5,119	297.50*	
⌵	FirePro S9000		5,059	NA	
⌵	P106-100		5,023	NA	
⌵	Quadro P2000 with Max-Q Design		4,991	NA	
⌵	EIZO Quadro MED-XN51LP		4,955	NA	
⌵	Radeon R9 M395		4,954	NA	
⌵	Barco MXRT 7600		4,944	NA	
⌵	Radeon Sky 500		4,889	NA	
⌵	Radeon R9 M485X		4,842	NA	
⌵	Radeon R9 270X		4,832	149.99*	
⌵	FirePro W7100		4,800	289.99*	
⌵	Radeon R9 M395X		4,775	NA	
⌵	Radeon HD 7950 / R9 280		4,765	210.01*	
⌵	GeForce GTX 760		4,745	160.32*	
⌵	GRID P40-24Q		4,728	NA	
⌵	Radeon R9 370		4,722	NA	
⌵	Radeon Pro Vega 16		4,683	NA	
⌵	Radeon HD 7870		4,649	147.00*	
⌵	B8DKMDAP		4,557	NA	
⌵	Radeon Pro 465		4,538	NA	
⌵	GeForce GTX 580		4,519	145.32*	
⌵	Quadro M2200		4,489	249.99*	
⌵	Radeon HD 7870 XT		4,470	NA	
⌵	GeForce GTX 1050 (Mobile)		4,462	NA	
⌵	GRID M60-1B		4,457	NA	
⌵	Citrix Indirect Display Adapter		4,447	NA	
⌵	GRID P6-4Q		4,429	NA	
⌵	Radeon R7 370		4,415	NA	
⌵	GeForce GTX 660 Ti		4,376	486.68*	
⌵	Radeon R9 M390X		4,357	NA	
⌵	Quadro P1000		4,353	300.99	
⌵	Barco MXRT 7500		4,319	NA	
⌵	GRID P40-2Q		4,288	NA	
⌵	GeForce GTX 680MX		4,271	NA	
⌵	Radeon R9 270 / R7 370		4,260	164.47*	
⌵	GRID M60-1Q		4,251	NA	
⌵	GeForce GTX 775M		4,222	NA	
⌵	Radeon R9 280X		4,199	NA	

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PassMark Software - Video Card (GPU) Benchmarks - High End Video Cards

⌵	Quadro K4200		4,218	239.99*	
⌵	Radeon R9 270		4,213	NA	

 Video Card ▼

⌵	GeForce GTX 1060		3,155	NA	
⌵	GeForce GTX 1060 5GB		4,141	NA	
⌵	FirePro W7000 Adapter		4,106	NA	
⌵	Radeon RX 460		4,052	274.10*	
⌵	FirePro W7000		4,048	146.02*	
⌵	Radeon RX 5500M		4,032	NA	
⌵	Radeon HD 7800-serie		4,029	NA	
⌵	Quadro M2000		4,016	298.99*	
⌵	GRID P6-2Q		4,001	NA	
⌵	GeForce GTX 480		3,995	579.00*	
⌵	GeForce GTX 780M		3,989	189.99*	
⌵	GeForce GTX 1050 with Max-Q Design		3,979	NA	
⌵	GeForce GTX 660		3,943	124.97*	
⌵	GeForce GTX 750 Ti		3,933	155.32*	
⌵	Quadro K5000		3,923	384.98*	
⌵	Quadro K2200M		3,893	124.95*	
⌵	GRID M60-8Q		3,884	NA	
⌵	Radeon HD 8970M		3,876	139.99*	
⌵	GeForce GTX 570		3,856	298.68*	
⌵	FirePro W7170M		3,849	NA	
⌵	GRID P100-8Q		3,841	NA	
⌵	GeForce GTX 965M		3,832	NA	
⌵	GRID M60-4Q		3,831	NA	
⌵	Radeon HD 7850		3,731	75.00*	
⌵	GeForce GTX 880M		3,710	NA	
⌵	Radeon Pro 560X		3,678	NA	
⌵	Quadro P620		3,674	150.93	
⌵	Radeon RX 560		3,645	129.99	
⌵	Radeon Pro WX 4100		3,621	249.99	
⌵	Radeon HD 7970M		3,619	NA	
⌵	Radeon RX Vega M GL		3,600	NA	
⌵	Quadro M2000M		3,587	279.95*	
⌵	Quadro M1200		3,572	NA	
⌵	GeForce GTX 680M KY_Bullet Edition		3,569	NA	
⌵	GRID M6-8Q		3,568	NA	
⌵	Quadro K2200		3,565	123.18*	
⌵	Radeon RX 560X		3,520	NA	
⌵	Tesla C2050		3,515	269.99*	
⌵	Quadro 7000		3,505	NA	
⌵	GeForce GTX 960M		3,500	1,169.00*	
⌵	Tesla M10		3,490	3,202.21*	
⌵	FirePro M6100 FireGL V		3,487	NA	
⌵	Radeon Pro 560		3,475	NA	
⌵	FirePro W8000		3,454	1,048.99*	
⌵	Radeon Pro 460		3,453	NA	
⌵	GeForce GTX 870M		3,450	NA	
⌵	Tesla C2050 / C2070		3,428	NA	

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PassMark Software - Video Card (GPU) Benchmarks - High End Video Cards

	≡	Quadro P600		3,421 241.04*

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Video Card

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≡	Radeon HD8970M		3,369 NA
≡	Radeon E8870PCIe		3,368 NA
≡	Tesla C2075		3,364 340.50*
≡	Intel Iris Xe		3,358 NA
≡	GRID P40-2B		3,354 NA
≡	GRID M10-1Q		3,351 NA
≡	GeForce GTX 590		3,340 184.00*
≡	Radeon R9 M290X		3,327 NA
≡	Tesla C2070		3,275 NA
≡	GeForce 770M		3,246 176.99*
≡	GRID M10-4Q		3,224 NA
≡	GeForce GTX 470		3,217 522.01*
≡	GeForce GTX 860M		3,216 NA
≡	GeForce GTX 650 Ti BOOST		3,211 NA
≡	GRID K520		3,177 749.95*
≡	GRID K2		3,176 4,149.36
≡	RadeonT RX 5500M		3,166 NA
≡	FirePro V7000		3,162 NA
≡	Radeon Pro 555		3,141 NA
≡	Radeon Pro 455		3,113 449.00*
≡	Radeon R7 360		3,104 125.00*
≡	Radeon HD 7790		3,090 180.32*
≡	GeForce GTX 560 Ti		3,073 81.60*
≡	Radeon R7 260X		3,070 132.28*
≡	Radeon R9 M380		3,051 NA
≡	Radeon R9 360		3,032 519.00*
≡	Radeon R9 260		3,018 NA
≡	Quadro M1000M		3,015 85.99*
≡	FirePro W5000		2,998 169.89*
≡	GeForce MX350		2,995 NA
≡	GeForce GTX 680M		2,942 135.99*
≡	GRID K260Q		2,941 NA
≡	Radeon HD 6990		2,933 159.99*
≡	Radeon HD 6970		2,914 59.99*
≡	FirePro W5100		2,912 279.13*
≡	Intel UHD P630		2,912 NA
≡	P106-090		2,898 NA
≡	Radeon R7 260		2,892 89.99*
≡	Quadro K1200		2,861 190.89*
≡	Radeon Ryzen 7 PRO 4750G with		2,857 NA
≡	Radeon Pro WX 3100		2,855 NA
≡	Quadro M620		2,854 NA
≡	Radeon Pro V340 MxGPU		2,853 NA
≡	Quadro K5000M		2,850 389.25*
≡	Quadro K5100M		2,844 285.99*
≡	GeForce GTX 465		2,826 263.28*

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PassMark Software - Video Card (GPU) Benchmarks - High End Video Cards

⌵	Radeon Pro W5500M		2,822	NA	
⌵	FirePro 3D V9800		2,812	2,499.00*	

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Video Card

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⌵	Radeon Pro WX 7100		2,777	1,000.00	
⌵	Radeon Pro WX 7130		2,763	NA	
⌵	FirePro W4300		2,734	239.99*	
⌵	GeForce MX330		2,730	NA	
⌵	Radeon HD 6950		2,730	148.32*	
⌵	FirePro V9800		2,727	NA	
⌵	Radeon Pro 450		2,723	NA	
⌵	GeForce GTX 560		2,707	294.48*	
⌵	Barco MXRT 5500		2,702	NA	
⌵	Quadro K4000		2,682	175.99*	
⌵	GRID M10-2Q		2,654	NA	
⌵	FirePro R5000		2,647	109.99*	
⌵	MONSTER GeForce GTX 675M		2,637	NA	
⌵	GeForce GT 1030		2,617	79.99	
⌵	GeForce GTX 950M		2,614	567.00*	
⌵	Radeon Ryzen 7 PRO 4750GE with		2,611	NA	
⌵	GRID M10-8Q		2,606	NA	
⌵	GeForce GTX 850M		2,594	NA	
⌵	GeForce MX250		2,592	NA	
⌵	Radeon Pro WX 3200		2,560	174.99	
⌵	GeForce GTX 650 Ti		2,552	184.32*	
⌵	Radeon HD 6850 X2		2,534	NA	
⌵	FireStream 9370		2,528	NA	
⌵	N18E-Q1		2,525	NA	
⌵	Radeon Ryzen 5 PRO 4650G with		2,509	NA	
⌵	Radeon Ryzen 5 PRO 4650GE with		2,507	NA	
⌵	Radeon Ryzen 7 4700GE with		2,496	NA	
⌵	Ryzen 5 Pro 4650G with Radeon Graphics		2,452	NA	
⌵	FirePro 3D V8800		2,438	424.99*	
⌵	Radeon R9 M470		2,435	NA	
⌵	GeForce GTX 950A		2,432	NA	
⌵	GRID M10-2B		2,417	NA	
⌵	Radeon RX 550		2,416	84.99	
⌵	GeForce GTX 960A		2,411	NA	
⌵	Radeon RX Vega 11 PRD		2,402	NA	
⌵	GeForce GTX 485M		2,401	NA	
⌵	Ryzen 7 4800U with Radeon Graphics		2,395	NA	
⌵	Quadro K4100M		2,395	198.02*	
⌵	Ryzen 7 4800H with Radeon Graphics		2,371	NA	
⌵	Ryzen 7 Pro 4750G with Radeon Graphics		2,367	NA	
⌵	GeForce MX150		2,364	NA	
⌵	GRID K280Q		2,363	NA	
⌵	Radeon Ryzen 3 PRO 4350G with		2,359	NA	
⌵	Ryzen 5 4600G with Radeon Graphics		2,338	NA	
⌵	Ryzen 7 Extreme Edition		2,332	NA	
⌵	Ryzen 3 PRO 4350GE with Radeon		2,322	NA	

	Graphics		4,323	NA	
	GRID M10-1B		2,310	NA	

 Video Card

	GeForce GTX 460		2,288	169.71*	
	Quadro K3100M		2,285	399.95*	
	GeForce GTX 580M		2,279	248.68*	
	Quadro K620		2,274	138.83*	
	Radeon HD 6970M		2,270	215.99*	
	Radeon R7 250X		2,269	260.70*	
	Ryzen 3 Pro 4350G with Radeon Graphics		2,240	NA	
	Radeon HD 5870		2,240	289.00*	
	Ryzen 5 4600H with Radeon Graphics		2,232	NA	
	FirePro V7900		2,228	144.04*	
	GRID P100-1B		2,223	NA	
	Radeon Ryzen 7 4800U with		2,219	NA	
	GeForce GTX 745		2,216	124.04*	
	Radeon HD 6870		2,203	150.00*	
	RadeonT R7 450		2,185	NA	
	Ryzen 3 4300G with Radeon Graphics		2,182	NA	
	Quadro P520		2,178	1,499.00*	
	Intel Iris Pro P580		2,169	NA	
	Radeon HD 7770		2,159	145.32*	
	Radeon TM R9 A360		2,148	NA	
	GRID K240Q		2,144	NA	
	GeForce 945M		2,130	NA	
	Radeon RX Vega 11		2,126	NA	
	Quadro K4000M		2,109	599.99*	
	Intel Iris Pro 580		2,104	NA	
	FirePro M5100		2,103	NA	
	GeForce GT 645		2,096	NA	
	FirePro V7800		2,091	NA	
	Radeon HD 8950		2,089	NA	
	GeForce GTX 675M		2,081	NA	
	Ryzen 7 PRO 4750U with Radeon Graphics		2,076	NA	
	GRID M6-1Q		2,069	NA	
	Radeon R9 350		2,062	103.85*	
	Quadro 5000M		2,060	NA	
	GeForce GTX 480M		2,051	NA	
	Ryzen 7 4700U with Radeon Graphics		2,042	NA	
	FirePro M6100		2,026	NA	
	Radeon Ryzen 5 4600U with		2,019	NA	
	GeForce GTX 460 v2		2,012	199.99*	
	Radeon HD 6850		2,010	165.32*	
	Intel UHD		2,009	NA	
	Ryzen 5 PRO 4500U with Radeon Graphics		2,008	NA	
	Quadro 5010M		2,001	235.95*	
	GeForce GTX 570M		1,998	NA	

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PassMark Software - Video Card (GPU) Benchmarks - High End Video Cards

⌵	Embedded Radeon E9173		1,996	NA	
⌵	Quadro 5000		1,996	2,315.99	

 Video Card

⌵	Graphics		1,995	NA	
⌵	Radeon Pro WX 4150		1,991	NA	
⌵	Radeon R7 + R7 350 Dual		1,982	NA	
⌵	Radeon HD 5850		1,969	79.99*	
⌵	Radeon R7 + HD 7700 Dual		1,962	NA	
⌵	GeForce GTX 460 SE		1,962	159.99*	
⌵	Radeon R9 M375X		1,962	NA	
⌵	Radeon HD 7660D + HD 7700 Dual		1,958	NA	
⌵	GeForce GTX 765M		1,957	NA	
⌵	Quadro M520		1,956	NA	
⌵	GeForce GTX 645		1,953	NA	
⌵	GeForce MX230		1,952	NA	
⌵	GeForce GTX 470M		1,950	NA	
⌵	Radeon Ryzen 5 4600H with		1,937	NA	
⌵	Radeon Ryzen 7 PRO 4750U with		1,936	NA	
⌵	GeForce GTX 555		1,935	NA	
⌵	Quadro M600M		1,932	102.99*	
⌵	Radeon RX 570X		1,923	NA	
⌵	GeForce MX450		1,923	NA	
⌵	Radeon HD 7560D + 7700 Dual		1,919	NA	
⌵	Radeon R7 450		1,918	52.49*	
⌵	GeForce MX130		1,918	NA	
⌵	Radeon Ryzen 7 4800H with		1,918	NA	
⌵	Matrox C680 PCIe x16		1,904	NA	
⌵	Radeon Vega 11		1,902	NA	
⌵	Radeon HD 7700-serie		1,899	NA	
⌵	Radeon HD 8670D + HD 7700 Dual		1,892	NA	
⌵	Intel Iris Plus		1,888	NA	
⌵	GeForce GTX 560 SE		1,880	89.99*	
⌵	FirePro 3D V7800		1,867	599.99*	
⌵	Radeon RX 540		1,863	NA	
⌵	GeForce 945A		1,852	NA	
⌵	Ryzen 5 4500U with Radeon Graphics		1,841	NA	
⌵	FirePro M5100 FireGL V		1,839	NA	
⌵	GRID M60-0B		1,838	NA	
⌵	Radeon HD 8570D + HD 7700 Dual		1,835	NA	
⌵	Radeon Ryzen 5 4500U with		1,830	NA	
⌵	RadeonT 540X		1,830	NA	
⌵	Radeon		1,830	41.99	
⌵	MxGPU		1,826	NA	
⌵	GeForce GTX 670MX		1,823	NA	
⌵	FirePro M6000		1,820	NA	
⌵	Intel Iris Plus 645		1,815	NA	
⌵	Matrox C900 PCIe x16		1,812	NA	
⌵	RadeonT RX 560X		1,810	NA	
⌵	Intel Iris Plus 655		1,809	NA	
⌵	Radeon HD 8870M / R9 M270X / M270V		1,800	NA	

	1037.0A		
≡	Intel Iris 650		1,795 NA

 Video Card

≡	Ryzen 5 PRO 4650U with Radeon Graphics		1,780 NA
≡	Radeon HD 6900M		1,776 NA
≡	Radeon Ryzen 5 PRO 4650U with		1,774 NA
≡	GeForce GTX 650		1,765 89.35*
≡	Radeon RX Vega11		1,760 NA
≡	Radeon R9 M385X		1,760 NA
≡	Radeon HD 5830		1,747 159.99*
≡	Quadro P500		1,742 NA
≡	FirePro W600		1,725 400.99*
≡	Radeon HD 6790		1,722 64.99*
≡	GeForce GTX 670M		1,720 NA
≡	FirePro W5130M		1,700 NA
≡	Radeon RX 550X		1,695 NA
≡	Radeon R7 M465X		1,691 NA
≡	FirePro M4000 Mobility Pro		1,688 NA
≡	Radeon HD 7750		1,666 144.99*
≡	Radeon Vega 9		1,663 NA
≡	Quadro P400		1,662 117.99
≡	Quadro K3000M		1,657 155.00*
≡	Radeon HD HD7850M		1,652 NA
≡	Quadro K2000D		1,650 416.51*
≡	FirePro M4000		1,645 NA
≡	Radeon Pro WX 2100		1,640 NA
≡	Radeon HD 8870M		1,638 NA
≡	GeForce GTX 760M		1,635 NA
≡	GeForce GT 755M		1,629 NA
≡	Ryzen 7 2700U with Radeon Vega		1,617 NA
≡	Seria Radeon HD 7700		1,604 NA
≡	Radeon RX Vega 8		1,586 NA
≡	Intel Iris Plus 650		1,585 NA
≡	Quadro K2000		1,582 120.00*
≡	Ryzen 3 PRO 4450U with Radeon Graphics		1,578 NA
≡	Radeon E8860		1,577 NA
≡	Radeon R9 M275X / M375		1,575 NA
≡	Radeon Vega 8		1,572 126.86*
≡	GeForce GTX 550 Ti		1,566 131.28*
≡	Radeon 550X		1,564 NA
≡	GeForce GTX 285		1,555 179.99*
≡	Radeon HD 7560D + HD 6670 Dual		1,555 NA
≡	Intel UHD 630		1,546 NA
≡	Radeon HD 8470D + HD 7500 Dual		1,545 NA
≡	GeForce GT 740		1,544 154.32*
≡	Ryzen 3 PRO 4300U with Radeon Graphics		1,543 NA
≡	Intel Iris Pro Graphics 6200		1,542 NA
≡	FirePro V8700		1,539 NA
≡	Radeon Vega 10		1,537 NA

	FirePro M6000 Mobility Pro		1,529	NA
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 Video Card

	GeForce GTX 675MX		1,513	NA
	FirePro W4100		1,509	149.86*
	Radeon HD 7870M		1,507	NA
	Ryzen 5 2500U with Radeon Vega		1,503	NA
	Radeon HD 4890		1,500	109.99*
	Quadro 4000		1,497	602.72
	Radeon R7 FX-9830P RADEON		1,492	NA
	Radeon HD 6670 + 7660D Dual		1,492	NA
	GeForce MX110		1,485	NA

* - Last price seen from our affiliates.

Software

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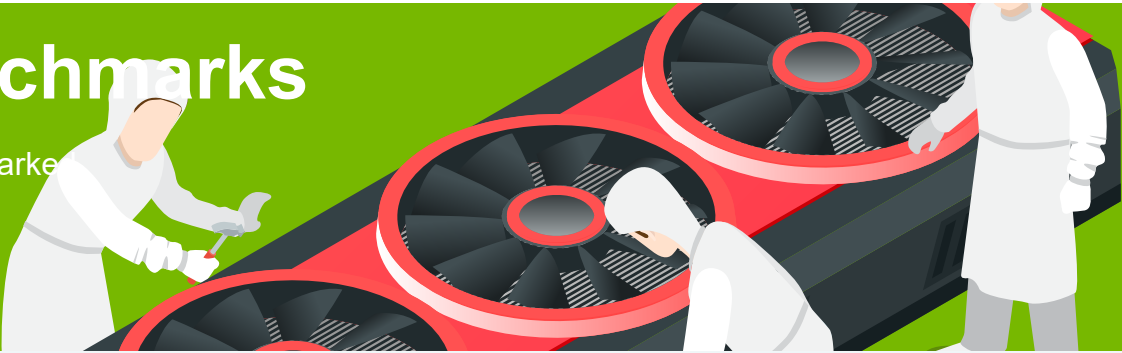
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Videocard Benchmarks

Over 1,000,000 Video Cards Benchmarks



Mid-to-High Range Video Card Chart

This chart made up of thousands of [PerformanceTest](#) benchmark results and is updated daily with new graphics card benchmarks. The mid to high range chart typically contains video cards that are a couple of years old and includes ATI cards (such as older ATI Radeon models), nVidia cards (such as older nVidia GeForce and Quadro models) and better performing Integrated Display Adapters from Intel, Asus and other manufacturers.

 VIDEO CARD

 High End

High Mid Range

Low Mid Range

Low End

 Best Value

Common

Market Share (30 Days)

 Compare 0

 Video Card Mega List

Search Model

 GPU Compute

Video Card Chart

G3D Mark

Price Performance

PassMark - G3D Mark

High Mid Range Videocards

Videocard	Average G3D Mark		Price (USD)
 Radeon HD 7660D + HD 6670 Dual		1,485	NA
 Radeon R9 M365X		1,482	NA
 Firepro W5170M		1,475	NA
 Radeon Vega 8 Mobile		1,469	NA
 GeForce GTX 660M		1,456	78.99*
 Radeon Vega 10 Mobile		1,454	NA
 Intel HD P530		1,454	NA
 Radeon R7 M380		1,447	NA
 Radeon R9 M270X		1,445	NA
 Radeon HD 8470D + HD 6670 Dual		1,436	NA
 FirePro V5800		1,433	54.99*
 GeForce GTX 275		1,427	119.99*
 Radeon HD 7560D + 7670 Dual		1,426	NA
 Radeon R7 M370		1,418	NA
 Radeon Pro WX 4170		1,409	NA
 Intel Iris Pro P6300		1,405	NA
 Quadro K2100M		1,400	550.00*
 Ryzen 3 4300U with Radeon Graphics		1,388	NA
 Intel Iris 550		1,384	NA
 Radeon HD 7560D + HD 7670 Dual		1,380	NA
 Radeon R7 PRO A12-8870		1,376	NA
 Radeon 540		1,376	NA
 Radeon 540X		1,374	NA
 Radeon HD 7850M		1,373	NA
 FirePro M40003		1,364	NA
 Radeon HD 8670D + 6670 Dual		1,361	NA
 GeForce GTX 560M		1,361	NA

https://www.videocardbenchmark.net/mid_range_gpus.html

1/12

	≡ Radeon HD 5770		1,354	369.22*	
	≡ Radeon HD 7560D + HD 7700 Dual		1,347	NA	

 Video Card ▼

▼ GeForce 9500M		1,344	NA	
≡ FireStream 9270		1,341	NA	
≡ Radeon Ryzen 3 4300U with		1,334	NA	
≡ FirePro V5900		1,325	319.99*	
≡ Radeon R9 M370X		1,320	NA	
≡ Radeon HD 8670D + HD 7600 Dual		1,318	NA	
≡ FirePro M5950		1,314	NA	
≡ Radeon R7 PRO A8-8670E		1,310	NA	
≡ Radeon HD 4870 X2		1,309	NA	
≡ Radeon HD 4870		1,307	129.99*	
≡ Radeon R7 M465		1,306	NA	
≡ GeForce 845M		1,306	NA	
≡ Tesla M2070-Q		1,306	NA	
≡ Radeon HD 8790M		1,306	NA	
≡ TENSOR 1.0 Driver Intel HD 630		1,300	NA	
≡ GeForce GTX 760A		1,281	NA	
≡ Radeon R7 A370		1,281	NA	
≡ Intel HD P630		1,276	NA	
≡ Intel Iris Plus 640		1,275	NA	
≡ FirePro 3D V8750		1,272	1,230.99*	
≡ Radeon R9 255		1,268	344.16*	
≡ Radeon 630		1,262	NA	
≡ Radeon HD 8570D + HD 6670 Dual		1,261	NA	
≡ Radeon HD 7560D + HD 7600 Dual		1,258	NA	
≡ GeForce GTX 460M		1,251	NA	
≡ GeForce GPU		1,248	NA	
≡ GeForce GT 545		1,248	55.59*	
≡ Radeon HD 6770		1,246	76.99*	
≡ Radeon HD 7730		1,246	49.99*	
≡ Quadro 2000 D		1,239	NA	
≡ Radeon HD 8570D + 6570 Dual		1,239	NA	
≡ Radeon HD 7660D + 6670 Dual		1,238	NA	
≡ Intel Iris 540		1,238	NA	
≡ Radeon HD 7560D + HD 6570 Dual		1,237	NA	
≡ Radeon R7 + R5 340 Dual		1,235	NA	
≡ Radeon R7 + R7 250 Dual		1,232	NA	
≡ FirePro 3D V5800		1,232	369.99*	
≡ GeForce GTS 450		1,230	79.99*	
≡ Radeon RX 640		1,229	NA	
≡ GeForce 930A		1,227	NA	
≡ Firepro W4190M		1,226	NA	
≡ Radeon HD 8670D + HD 6670 Dual		1,222	NA	
≡ Quadro 4000M		1,222	91.01*	
≡ GeForce GTX 260		1,221	95.38*	
≡ Radeon HD 8790M / R9 M290X		1,211	NA	
≡ Radeon Vega 6		1,207	1,799.99*	
≡ FirePro 3D V8700		1,206	199.99*	

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PassMark Software - Video Card Benchmarks - Mid-to-High Range Video Cards

⌵	N16P-GX		1,205	NA	
⌵	Radeon HD 7660D + 7540D Dual		1,204	NA	

🏠

Video Card

▼

⌵	Radeon R7 250		1,182	59.99*	
⌵	Quadro FX 5800		1,177	178.89*	
⌵	Intel HD 630		1,170	NA	
⌵	GeForce GT 650M		1,166	NA	
⌵	FireStream 9250		1,165	NA	
⌵	Barco MXRT 5400		1,161	NA	
⌵	Intel Coffee Lake UHD		1,158	NA	
⌵	Quadro K620M		1,157	NA	
⌵	GeForce GT 640		1,153	165.00*	
⌵	Radeon R9 M280X		1,148	NA	
⌵	Radeon HD 5750		1,146	69.41*	
⌵	GeForce 940A		1,145	NA	
⌵	GeForce GT 745A		1,144	NA	
⌵	Radeon R7 430		1,141	104.11*	
⌵	Radeon HD 8850M / R9 M265X		1,140	NA	
⌵	Radeon R7 + R7 200 Dual		1,137	NA	
⌵	GeForce 840A		1,137	NA	
⌵	Radeon HD 4850 X2		1,132	NA	
⌵	GeForce GTX 295		1,132	159.99*	
⌵	Radeon HD 7560D + 6670 Dual		1,131	NA	
⌵	Radeon 535		1,130	NA	
⌵	Radeon R7 PRO A12-8870E		1,127	NA	
⌵	Radeon HD 8650G + 7700M Dual		1,126	NA	
⌵	Radeon R7 PRO A12-9800		1,125	NA	
⌵	RadeonT R5 430		1,124	NA	
⌵	Radeon HD 7660D + 7500 Dual		1,121	NA	
⌵	Radeon R9 M275		1,115	699.99*	
⌵	Radeon R7 A10-8850		1,115	NA	
⌵	Quadro M500M		1,109	NA	
⌵	Quadro K1100M		1,106	49.95*	
⌵	Radeon R7 A12-9800E RADEON		1,106	139.19*	
⌵	Radeon HD 6750		1,103	49.99*	
⌵	Radeon R7 A10-9700E RADEON		1,100	NA	
⌵	Radeon HD 7660D + 6570 Dual		1,100	NA	
⌵	Quadro 2100M		1,100	NA	
⌵	Radeon R5 PRO A6-9500 2C+6G		1,096	NA	
⌵	GeForce 940M		1,095	NA	
⌵	GeForce GTX 850M - MODDED		1,092	NA	
⌵	GeForce 920MX		1,085	NA	
⌵	Quadro 3000M		1,082	69.99*	
⌵	MIRRORV3		1,081	NA	
⌵	Barco MXRT 5450		1,079	NA	
⌵	FirePro V4900		1,078	144.99*	
⌵	Radeon HD 8450G + 8600/8700M Dual		1,070	NA	
⌵	Radeon R7 A10-9700 RADEON		1,069	NA	
⌵	FirePro M4170		1,066	NA	

	Radeon Vega 3 Mobile		1,064	NA	
	Radeon HD 7660D + 7670 Dual		1,062	NA	

 Video Card

	Firepro M4100		1,059	NA	
	GeForce GT 445M		1,055	NA	
	Radeon R5 340		1,055	NA	
	OPAL XT/GL		1,053	NA	
	Intel UHD Graphics 620		1,053	NA	
	Radeon HD 7670A		1,050	NA	
	GeForce GTX 850A		1,050	NA	
	Radeon R7 PRO A8-9600		1,049	NA	
	Radeon R7 + R7 240 Dual		1,045	NA	
	Radeon R7 Opteron X3421		1,044	NA	
	GeForce GTX 280		1,040	522.78*	
	Radeon HD 8570D + 6670 Dual		1,040	NA	
	GeForce 840M		1,039	NA	
	Quadro K2000M		1,035	144.04*	
	Radeon HD 8570D + HD 8570 Dual		1,033	NA	
	Radeon HD 8600/8700M		1,030	NA	
	Mobility Radeon HD 5870		1,029	NA	
	Radeon HD7570		1,029	NA	
	Radeon R7 + R5 330 Dual		1,028	NA	
	Radeon R7 A8-7500		1,028	NA	
	Radeon R7 M350		1,025	NA	
	Radeon HD 8670D + R7 240 Dual		1,020	NA	
	Radeon R7 A12-9730P RADEON		1,017	NA	
	Radeon HD 6700M		1,017	NA	
	Intel Iris Pro 5200		1,015	NA	
	NVS 810		1,015	624.99*	
	Radeon R5 A6-9500E 2C+4G		1,015	NA	
	GeForce 930M		1,010	NA	
	Radeon HD 7690M XT		1,009	NA	
	Radeon R7 M460		1,009	NA	
	FirePro M4150		1,006	NA	
	GeForce 830A		1,005	NA	
	Radeon HD 7690M		1,003	NA	
	Radeon HD 7660G + HD 7500/7600 7500/7600 Dual		1,002	NA	
	Radeon HD 8570		1,000	98.68*	
	Radeon HD 8570D + R7 200 Dual		999	NA	
	Radeon HD 7660G + HD 7500M/7600M Dual		999	NA	
	Radeon HD 7640G + HD 8750M Dual		997	NA	
	Intel HD 530		994	NA	
	Quadro 2000D		989	170.00*	
	GeForce 830M		986	NA	
	Radeon HD 7560D + 7570 Dual		985	NA	
	Radeon HD 8690M		984	NA	
	Radeon HD 7560D + 7560D Dual		983	NA	
	Radeon R9 M375		979	NA	
	GeForce GT 745M		978	NA	
	GeForce 840M		977	NA	

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⌵	Radeon R5 A10-9630P 4C+6G		977	NA	
⌵	Radeon HD 8670D + 8570 Dual		974	NA	

 Video Card ▼

⌵	Radeon HD 6670		973	NA	
⌵	FirePro W4170M		971	NA	
⌵	Radeon R6 A10-9600P 4C+6G		970	NA	
⌵	Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D		967	NA	
⌵	Radeon R7 A10-7870K		966	NA	
⌵	Radeon HD 6770M		964	NA	
⌵	Radeon HD 8570D + R7 240 Dual		964	NA	
⌵	Radeon R7 PRO A10-9700		962	NA	
⌵	Radeon HD 5600/5700		959	NA	
⌵	Radeon R7 A10 PRO-7850B		958	NA	
⌵	Radeon R6 Opteron X3418		955	NA	
⌵	Radeon R7 A265		955	NA	
⌵	Radeon HD 8670D + R7 200 Dual		950	NA	
⌵	Radeon HD 8570 + HD 7660D Dual		949	NA	
⌵	Radeon R7 M260X		948	NA	
⌵	Radeon HD 4850		948	42.62*	
⌵	Quadro FX 4800		947	138.98*	
⌵	Quadro CX		947	149.95*	
⌵	Radeon HD 6670/7670		946	NA	
⌵	Radeon HD 7640G + 7690M Dual		946	NA	
⌵	Radeon R7 PRO A10-8850B		945	NA	
⌵	Radeon 530		942	NA	
⌵	Radeon R7 A10-7850K		942	NA	
⌵	Radeon HD 7660D + R7 240 Dual		942	NA	
⌵	GeForce GT 645M		938	NA	
⌵	Radeon HD 6750M		937	NA	
⌵	Radeon HD 4770		936	NA	
⌵	Radeon HD 7560D + HD 8570 Dual		936	NA	
⌵	Radeon R9 M265X		933	NA	
⌵	Radeon HD 7660G + 7730M Dual		931	NA	
⌵	Radeon R7 340		931	NA	
⌵	Radeon R7 240 + HD 8670D Dual		930	NA	
⌵	Radeon. HD 7730M		928	NA	
⌵	Intel Iris Pro 6100		925	NA	
⌵	Radeon R7 PRO A12-9800E		925	NA	
⌵	Intel HD Graphics 620		925	NA	
⌵	Radeon R7 M445		922	744.00*	
⌵	Quadro 2000		920	99.99*	
⌵	GeForce 920A		919	NA	
⌵	Radeon R7 240 + HD 8570D Dual		918	NA	
⌵	GRID M10-0Q		914	NA	
⌵	Radeon R7 A8-8650		913	NA	
⌵	GRID K220Q		912	NA	
⌵	GRID M6-0B		912	NA	
⌵	Radeon R7 A12-9800 RADEON		911	NA	
⌵	Radeon 6750M		911	NA	
⌵	GeForce GT 640M		910	NA	
⌵	Radeon HD 7770		909	NA	

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⌵	Radeon Vega 3		903	479.99*	
⌵	Radeon R7 M365X		902	NA	

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Video Card

▼

⌵	Radeon R7 M365X		899	NA	
⌵	Barco MXRT 2600		900	NA	
⌵	FirePro W2100		898	113.99*	
⌵	Radeon R7 + R5 Dual		898	NA	
⌵	Radeon R5 A10-9600P RADEON R5, 10 COMPUTE CORES 4C		897	NA	
⌵	Radeon R5 430		897	819.00*	
⌵	Radeon R5 M435		896	NA	
⌵	7900 MOD - Radeon HD 6550D		893	NA	
⌵	Intel UHD 620		889	NA	
⌵	Radeon R7 M440		888	NA	
⌵	Radeon R7 A10-8750		886	NA	
⌵	Radeon R7 + R5 435 Dual A10-9700 RADEON		886	NA	
⌵	Radeon HD 8650G + 7670M Dual		884	NA	
⌵	Radeon R7 PRO A12-8830B		883	NA	
⌵	Radeon HD 7660G + HD 7730M Dual		882	NA	
⌵	Radeon R7 A8-7670K		877	NA	
⌵	LMIMIRR		875	NA	
⌵	Intel Iris 6100		873	NA	
⌵	Radeon R5 A6-7480		873	NA	
⌵	Radeon HD 8750M		873	NA	
⌵	Radeon HD 4830		871	59.99*	
⌵	Radeon R7 G		870	NA	
⌵	Radeon HD 8570D + HD 6570 Dual		868	NA	
⌵	Radeon 535DX		867	NA	
⌵	Mobility Radeon HD 4850		866	NA	
⌵	Radeon 520		866	NA	
⌵	Radeon HD 8470D + HD 6450 Dual		863	NA	
⌵	Radeon 620		859	NA	
⌵	Radeon R7 PRO A12-9800B		859	NA	
⌵	Intel UHD 617		858	NA	
⌵	Radeon HD 8550G + HD 7600M Dual		855	NA	
⌵	Intel HD 520		855	NA	
⌵	Radeon HD 7670		854	NA	
⌵	FirePro 3D V4800		854	159.99*	
⌵	Radeon R5 A6-9500 2C+6G		853	NA	
⌵	Radeon R7 A8-7500 4C+6G		853	NA	
⌵	Radeon HD 8500M/8700M		853	NA	
⌵	GeForce GT 730M		849	NA	
⌵	Radeon R5 PRO A6-8570 2C+6G		847	NA	
⌵	Radeon R7 PRO A10-8770		842	NA	
⌵	Radeon R5 435		841	NA	
⌵	FireGL V8600		839	NA	
⌵	Radeon HD 8470D + 6570 Dual		838	NA	
⌵	Radeon HD 8670D + R5 235 Dual		837	NA	
⌵	Radeon HD 6650A		836	NA	
⌵	Radeon R7 A10-7860K		835	NA	
⌵	Radeon R7 A10-7860K		835	NA	

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PassMark Software - Video Card Benchmarks - Mid-to-High Range Video Cards

	⌵ Radeon HD 7560D + 6570 Dual		833	NA	
	⌵ Intel HD 6000		832	NA	
🏠 Video Card ▼	⌵ Radeon HD 8650G + 8600/8700M Dual		832	NA	
	⌵ Radeon HD 7660G + 7600M Dual		832	NA	
	⌵ Radeon R7 240		831	69.99*	
	⌵ Intel HD 5200		830	NA	
	⌵ GRID M60-0Q		827	NA	
	⌵ 3DP Edition		827	NA	
	⌵ GeForce GT 635		826	66.94*	
	⌵ Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D		824	NA	
	⌵ Quadro 2000M		824	46.56*	
	⌵ Radeon HD 3850 X2		822	NA	
	⌵ Radeon R7 FX-8800P		822	NA	
	⌵ Radeon HD 7540D + 7500 Dual		822	NA	
	⌵ Radeon HD 8650G + HD 7600M Dual		820	NA	
	⌵ Radeon HD 8550G + HD 8750M Dual		819	NA	
	⌵ Radeon R7 A10 Extreme Edition		816	NA	
	⌵ Radeon R7 M265		813	NA	
	⌵ Radeon HD 8670D + 7000 Dual		812	NA	
	⌵ GRID K1		811	395.00*	
	⌵ Radeon R7 M260DX		811	NA	
	⌵ Radeon HD 8550G + 8600/8700M Dual		803	NA	
	⌵ Radeon R7 A10-7890K		801	NA	
	⌵ Radeon HD 8650G + HD 8790M Dual		800	NA	
	⌵ GeForce 9800 GX2		798	NA	
	⌵ Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual		796	NA	
	⌵ Radeon R7 PRO A10-8770E		796	NA	
	⌵ Radeon HD 8550G + 8750M Dual		796	NA	
	⌵ Radeon R8 M445DX		794	NA	
	⌵ Radeon HD 5670		790	47.84*	
	⌵ GeForce GT 730		790	67.99	
	⌵ Radeon R7 A8-7680		787	NA	
	⌵ Radeon HD 8650G + 8750M Dual		787	NA	
	⌵ Radeon R7 A12-9720P RADEON		787	365.48*	
	⌵ GRID K180Q		783	NA	
	⌵ Radeon R7 PRO A6-9500 2C+6G		781	NA	
	⌵ Radeon R7 A365		781	NA	
	⌵ Quadro FX 3800		781	98.99*	
	⌵ Radeon HD 8650G + HD 8750M Dual		779	NA	
	⌵ GeForce GT 440		778	69.99*	
	⌵ GRID P40-4Q		778	NA	
	⌵ Quadro K1000M		777	69.95*	
	⌵ Quadro K600		777	34.99*	
	⌵ Radeon R5 A6-8500P		776	NA	
	⌵ Radeon HD 7640G + 7500M/7600M Dual		776	NA	
	⌵ GeForce GT 340		774	52.99*	

	GeForce 730A		774	NA

 Video Card

	Mobility Radeon HD 5000		773	NA
	Radeon R5 PRO A6-9500E 2C+4G		771	NA
	Intel UHD 615		771	NA
	Radeon HD 4810		769	NA
	Radeon HD 7660G + HD 7600M Dual		769	NA
	GeForce 9800 GTX		769	NA
	GeForce GT 740M		769	NA
	GeForce 825M		769	NA
	Quadro K420		767	188.32*
	Radeon R7 A10-7800		765	NA
	Radeon HD 8650G + HD 8600/8700M Dual		764	NA
	Mobility Radeon HD 5850		763	NA
	NVS 510		763	315.28*
	Radeon HD 6450 + 8470D Dual		763	NA
	Radeon R7 PRO A10-9700E		761	529.00*
	Radeon HD 7660G + HD 7500/7600 Dual		760	NA
	Intel HD 615		760	NA
	Radeon HD 7660G + HD 8500M Dual		758	NA
	Radeon R7 A12-9700P RADEON		758	435.92*
	Radeon R7 PRO A10-9700B		758	NA
	Radeon HD 8650G + HD 8600M N HD 8600M Dual		758	NA
	Radeon HD 7660G + 7700M Dual		757	NA
	Radeon R7 A10 PRO-7800B		756	NA
	Quadro 1100M		755	NA
	Radeon R7 M270		755	NA
	Radeon HD 6800M		755	NA
	Radeon HD 7640G + 7450M Dual		754	NA
	Radeon R7 A8-9600 RADEON		754	NA
	Radeon HD 8570D + HD 7000 Dual		753	NA
	Radeon HD 7660G + HD 7700M Dual		752	NA
	Incredible HD 4600		750	NA
	Radeon M535DX		750	NA
	Radeon R8 M535DX		748	NA
	Radeon HD 7640G + 7650M Dual		747	NA
	Radeon HD 7660G + HD 8600/8700M Dual		747	NA
	Radeon HD 8670D + R5 330 Dual		746	NA
	GeForce 9800 GTX+		746	NA
	Radeon HD 7660G + 7610M Dual		746	NA
	Radeon R5 235 + HD 7560D Dual		744	NA
	Radeon HD 7660G + 7670M Dual		743	NA
	GeForce GT 730A		743	NA
	Radeon HD 8650G + 7600M Dual		742	NA
	Radeon R8 M365DX		741	NA
	GRID K160Q		740	NA

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Intel Poison Ivy		739	NA
Intel Iris 5100		739	NA

Video Card

Radeon R5 A10-9620P 4C+6G		735	NA
Radeon HD 6650M		735	NA
GeForce GTX 285M		735	NA
Radeon R5 A10-9620P 4C+6G		732	NA
Radeon HD 7550M/7650M		729	NA
GRID K140Q		728	NA
Quadro FX 3800M		725	NA
GeForce 720A		725	NA
Quadro K610M		725	75.00*
GeForce 920M		724	NA
Intel UHD 610		723	NA
Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D		723	NA
Radeon HD 8650G + R5 M200 Dual		723	NA
Radeon R7 A8-7600		721	NA
Asus GTX 650 FML II EC-EGPU		721	NA
Radeon R7 A360		720	NA
Mobility Radeon HD 4870		720	NA
Radeon R7 PRO A12-8800B		720	NA
Radeon HD 7540D + 6570 Dual		720	NA
Radeon HD 8670D + HD 7000 Dual		719	NA
Radeon R6 PRO A10-8700B R6, 10 Compute Cores 4C+6G		718	NA
Radeon HD 8730M		718	NA
Radeon HD 8470D + 6450 Dual		717	NA
Radeon HD 8650G + HD 8570M Dual		716	NA
Radeon R7 PRO A10-8750B		713	NA
Intel HD 5600		712	NA
Radeon HD 7730M		711	NA
Radeon HD 7660G + HD 8670M Dual		711	NA
Radeon HD 3870 X2		709	NA
Radeon HD 6550A		708	NA
GeForce GT 740A		707	NA
Radeon HD 7660G + HD 7670M Dual		707	NA
GeForce 820A		706	NA
Radeon HD 7640G + 7600M Dual		706	NA
Radeon HD 7660G N HD 7660G + HD 7670M Dual		705	NA
Radeon HD 7640G + HD 7600M Dual		704	NA
TRINITY DEVASTATOR MOBILE		699	NA
Radeon HD 7570M/HD 7670M		699	NA
FirePro V3900		698	129.99*
Radeon HD 6670		697	102.99*
Radeon R5 PRO A10-8730B 4C+6G		695	NA
Radeon R5 PRO A6-9500B 2C+4G		693	NA
Radeon R7 FX-9800P RADEON		693	530.00*
Radeon HD 7640G + 7700M Dual		691	NA

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PassMark Software - Video Card Benchmarks - Mid-to-High Range Video Cards

⌵	Radeon R7E		690	NA	
⌵	Radeon R5 PRO A6-8530B 2C+4G		690	NA	

 Video Card ▼

⌵	Radeon HD 8650G + R5 M230 Dual		686	NA	
⌵	GeForce GT 555M		686	NA	
⌵	Radeon HD 8550D		685	NA	
⌵	Radeon HD 6630M		685	NA	
⌵	GeForce GT 640M LE		681	849.99*	
⌵	GRID P40-3Q		681	NA	
⌵	Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D		680	NA	
⌵	Radeon HD 7640G N HD 7640G + HD 7670M Dual		680	NA	
⌵	GeForce GTS 160M		679	NA	
⌵	Radeon HD 7640G + HD 8670M Dual		677	NA	
⌵	Radeon HD 8610G + R5 M200 Dual		676	NA	
⌵	Quadro FX 4700 X2		676	NA	
⌵	Intel HD 610		674	NA	
⌵	GeForce GT 820M		673	NA	
⌵	Radeon HD 7640G + HD 8500M N HD 8500M Dual		666	NA	
⌵	FirePro M7740		665	NA	
⌵	Radeon HD 8550G + 8690M Dual		664	NA	
⌵	Radeon R7 A8 PRO-7600B		664	NA	
⌵	Quadro 500M		664	275.14*	
⌵	GeForce GT 630		663	575.00*	
⌵	GeForce GT 735M		662	NA	
⌵	FireGL V7700		660	174.99*	
⌵	Radeon HD 2900 XT		660	NA	
⌵	Radeon R5 PRO A8-9600B 4C+6G		659	NA	
⌵	GeForce GT 140		658	NA	
⌵	GeForce GT 530		655	49.00*	
⌵	Radeon HD 7640G + 8750M Dual		655	NA	
⌵	Radeon HD 8550G + HD 8600/8700M Dual		655	NA	
⌵	Radeon HD 8650G + 8570M Dual		654	NA	
⌵	Professional HD Driver		654	NA	
⌵	GeForce 9800 GTX/9800 GTX+		652	89.99*	
⌵	Quadro K510M		651	NA	
⌵	Radeon HD 7520G + HD 8750M Dual		651	NA	
⌵	SUMO 9640		650	NA	
⌵	Intel HD P4600/P4700		649	NA	
⌵	Radeon R5 M430		649	NA	
⌵	FireStream 9170		647	NA	
⌵	Radeon HD 6670 + 6670 Dual		647	NA	
⌵	Radeon HD 8610G + HD 8500M Dual		646	NA	
⌵	Radeon HD 7640G + 7670M Dual		645	NA	
⌵	Radeon HD 7570		643	51.41*	
⌵	Radeon HD 7540D + HD 6450 Dual		643	NA	
⌵	Radeon R7 M340		642	NA	
⌵	Radeon R7 A10-7700K		640	NA	

	⌵ NVS 5400M		640	NA

 Video Card

⌵	Intel HD 4600		638	NA
⌵	GeForce GT 710		638	35.99
⌵	Radeon R5 PRO A6-8570E 2C+4G		638	NA
⌵	Radeon HD 7640G + 7400M Dual		637	NA
⌵	Radeon HD 8450G + 8750M Dual		637	NA
⌵	GeForce 9800 S		636	NA
⌵	Radeon HD 8650G + 8670M Dual		635	NA
⌵	Matrox C420 LP PCIe x16		635	NA
⌵	Radeon HD 8650G + HD 7670M Dual		634	NA
⌵	Radeon HD 7660D + HD 7000 Dual		634	NA
⌵	Radeon HD 7610M		632	NA
⌵	Radeon HD 7640G + HD 7700M N HD 7700M Dual		631	NA
⌵	Radeon HD 7660G + 7470M Dual		631	NA
⌵	GeForce GTS 240		630	64.99*
⌵	Radeon HD 8510G + HD 8500M Dual		630	NA
⌵	Radeon HD 2900 PRO		628	NA
⌵	Radeon HD 7640G + 7500/7600 Dual		627	NA
⌵	GeForce 810A		627	NA
⌵	Radeon HD 8650G + 8500M Dual		627	NA
⌵	Radeon R7 PRO A8-8650B		625	NA
⌵	Radeon HD 7520G + HD 8600/8700M Dual		624	NA
⌵	Radeon HD 7640G + HD 7400M Dual		621	NA
⌵	GeForce GTX 280M		621	NA
⌵	Radeon HD 8570 + 8670D Dual		620	NA
⌵	Radeon HD 8550G + R5 M200 Dual		619	NA
⌵	Radeon R5 A10-9600P 4C+6G		619	NA
⌵	Intel HD 510		619	NA
⌵	Intel HD 515		618	NA
⌵	Radeon HD 8550G + 8600M Dual		618	NA
⌵	Radeon R5 330		617	339.99*
⌵	Radeon HD 7500G + 7500M/7600M Dual		617	NA
⌵	FireGL V7600		616	NA
⌵	Radeon HD 8650G + 8600M Dual		613	NA
⌵	GeForce 8800 GTX		612	199.99*
⌵	Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D		612	NA
⌵	GeForce GTS 250		611	89.99*
⌵	7900 MOD - Radeon HD 6520G		610	NA
⌵	Radeon HD 8610G + 8500M Dual		610	NA
⌵	GeForce 910M		609	NA
⌵	Radeon HD 7640G + HD 8500M Dual		607	NA
⌵	GeForce 8800 GTS 512		606	NA
⌵	Radeon HD 8650G + HD 8600M Dual		606	NA
⌵	Radeon R5 A6-9400 RADEON R5,		605	NA

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PassMark Software - Video Card Benchmarks - Mid-to-High Range Video Cards

6 COMPUTE CORES 2C+4G		593	NA
Intel HD P4600		605	NA

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Video Card

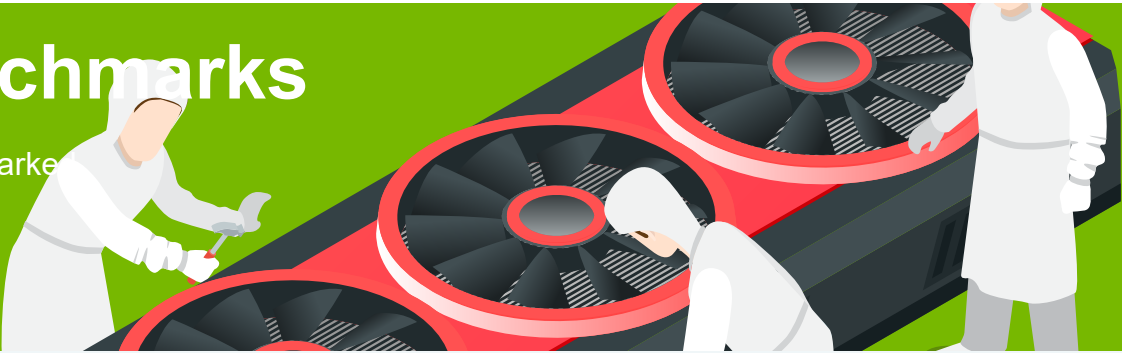
Radeon HD 8510G + 8500M Dual		596	NA
Radeon R5 M330		596	NA
Radeon HD 7640G + 7470M Dual		595	NA
Radeon HD 8550G + HD 8600M Dual		594	NA
Radeon HD 7520G + 7600M Dual		591	NA
Radeon R5 M255		589	NA
Radeon HD 7640G + HD 7700M Dual		589	NA
Radeon HD 8610G + 8600M Dual		589	NA
Radeon HD 7520G + 7610M Dual		588	NA
Radeon HD 7660G + 7400M Dual		588	NA
Radeon HD 7660G + 8670M Dual		588	NA
GeForce GT 720A		587	NA
Quadro 1000M		587	54.50*
Radeon HD 7640G + HD 8600/8700M Dual		587	NA
Radeon HD 7640G + 8500M Dual		586	NA
Radeon HD 8650G + HD 8670M Dual		585	NA

* - Last price seen from our affiliates.

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MemTest86	USB Power Delivery Tester	RAM Benchmarks			Social
WirelessMon	Serial and Parallel Loopback Plugs	PC Systems Benchmarks			 
Zoom Search Engine	USB Short Circuit Testers	Android Benchmarks			
Free Software		iOS / iPhone Benchmarks			

Videocard Benchmarks

Over 1,000,000 Video Cards Benchmarked



Low-to-Mid Range Video Card Chart

This chart made up of thousands of [PerformanceTest](#) benchmark results and is updated daily with new graphics card benchmarks. The low to mid range chart typically contains video cards that are a couple of years old and includes ATI cards (such as older ATI Radeon models), nVidia cards (such as older nVidia GeForce and Quadro models) and better performing Integrated Display Adapters from Intel, Asus and other manufacturers.

 VIDEO CARD

 High End

High Mid Range

Low Mid Range

Low End

 Best Value

Common

Market Share (30 Days)

 Compare 0

 Video Card Mega List

Search Model

 GPU Compute

Video Card Chart

G3D Mark

Price Performance

PassMark - G3D Mark

Low Mid Range Videocards

Videocard	Average G3D Mark	Price (USD)
 Radeon HD 7520G + 7500/7600 Dual	582	NA
 GeForce GT 550M	581	NA
 Radeon HD 8550G + 8670M Dual	579	NA
 Intel HD 5500	579	NA
 Radeon HD 8450G + R5 M230 Dual	578	NA
 Radeon HD 8610G + HD 8670M Dual	578	NA
 Radeon HD 7620G + 8670M Dual	577	NA
 Intel Skylake HD DT GT2	577	NA
 Radeon R5 A240	576	NA
 GeForce GT 720	575	99.99*
 Radeon HD 7520G + HD 7700M Dual	575	NA
 Radeon R5 420	575	39.95*
 Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/760	575	NA
 Radeon HD 8450G + HD 8670M Dual	575	NA
 Radeon HD 3870	574	279.95*
 Radeon HD 8670D	574	NA
 GeForce GT 635M	573	NA
 Radeon R6	572	NA
 Radeon R6 + R7 M265DX Dual	571	NA
 Radeon R6 M255DX	570	NA
 Radeon HD 7560D + 6450 Dual	569	NA
 Radeon R7 A8-7650K	566	NA
 Radeon HD 6610M	565	NA
Mobility Radeon HD 3870 X2	564	NA
Radeon HD 7560D + R5 235 Dual	563	NA
GeForce GT 430	562	159.99*

https://www.videocardbenchmark.net/midlow_range_gpus.html

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GeForce GT 430		559	109.99
Radeon R6 A8-8600P		560	NA

 Video Card

Quadro FX 5600		559	109.99
Mobility Radeon HD 5570		559	NA
Radeon HD 8550G + HD 8500M Dual		559	NA
Radeon HD 7640G + 8670M Dual		558	NA
Radeon HD 7640G + 8570M Dual		558	NA
GeForce GT 435M		558	NA
GeForce 800M		556	NA
Radeon HD 7600G + HD 7500M/7600M Dual		555	NA
Intel HD 5000		555	625.00*
NVS 5200M		555	NA
GF117		554	NA
Radeon HD 7650A		553	262.00*
Radeon 6600M		552	NA
Radeon R7 7850A10-7850K		551	NA
FireGL V8650		550	329.99*
Radeon R5 M335		549	NA
GeForce 615		549	NA
Mobility Radeon HD 3870		548	NA
GeForce 9800M GS		547	NA
FirePro 3D V5700		547	319.99*
Quadro 600		547	59.99*
Radeon HD 8550G + HD 8670M Dual		546	NA
Radeon HD 8450G + 8600M Dual		545	NA
FirePro 3D V7750		545	350.00*
Radeon HD 7520G + HD 7400M Dual		545	NA
Radeon R7 M360		544	NA
Radeon HD 7600G + HD 8670M Dual		544	NA
GeForce GT 240		544	57.99*
GeForce GT 630M		543	NA
Quadro FX 2700		543	NA
Radeon HD 7520G + 7470M Dual		543	NA
GeForce GTS 250M		542	NA
GeForce 8800M GTX		540	NA
Radeon R7 M265DX		540	NA
Radeon R6 A10-8700P		539	NA
GeForce 710A		538	NA
KV SPECTRE LITE MOBILE 25W		538	NA
Radeon R6 PRO A10-8700B 4C+6G		538	NA
Radeon HD 7560D + HD 7000 Dual		534	NA
Radeon HD 8550G + 8570M Dual		533	NA
Radeon R6 PRO A8-8600B 4C+6G		532	NA
RADEON HD6530D		532	NA
Radeon HD 8550G + HD 8570M Dual		529	NA
Intel HD 4400		527	NA
Radeon HD 7640G + 6400M Dual		527	NA

⌵	Radeon HD 7600G N HD 7600G + HD ON HD Dual		526	NA	
⌵	Radeon HD 8650D		526	NA	

 Video Card ▼

⌵	Radeon HD 7520G + 7670M Dual		523	NA	
⌵	Radeon HD 8670M		520	NA	
⌵	Radeon HD 7640G + HD 7670M Dual		519	NA	
⌵	Incredible HD 4000		517	NA	
⌵	Radeon R5 240		516	61.00*	
⌵	Intel HD P4000		516	NA	
⌵	Radeon HD 7660D		515	NA	
⌵	Radeon HD 8650G		515	NA	
⌵	A10-8700P		514	NA	
⌵	Mobility Radeon HD 4830		512	NA	
⌵	Mobility Radeon HD 5730		511	NA	
⌵	Radeon HD 7640G + 7610M Dual		510	NA	
⌵	Radeon HD 7600G + HD 7550M Dual		509	NA	
⌵	Radeon HD 7620G + 8600M Dual		509	NA	
⌵	Radeon R5 PRO A6-8500B 2C+4G		508	NA	
⌵	Radeon HD 7650M		508	NA	
⌵	Radeon HD 7620G + HD 8670M Dual		507	NA	
⌵	GeForce GT625M		507	NA	
⌵	GeForce 8800 GT		507	269.99*	
⌵	Quadro FX 3700M		506	925.00*	
⌵	GeForce 820M		505	NA	
⌵	GeForce GTS 150M		504	NA	
⌵	Radeon HD 8450G + HD 8750M Dual		504	NA	
⌵	Radeon HD 6570		499	49.99*	
⌵	TRINITY SCRAPPER MOBILE		498	NA	
⌵	SUMO 964A		498	NA	
⌵	GeForce GTX 260M		497	NA	
⌵	Radeon HD 7500G + 7550M Dual		497	NA	
⌵	ASUS EAH4870x2		496	NA	
⌵	Radeon HD 7520G + HD 7670M Dual		495	NA	
⌵	Radeon R5 M315		495	NA	
⌵	GeForce 9600 GT		493	70.00*	
⌵	GeForce GT 540M		493	87.95*	
⌵	Radeon HD8530M		490	NA	
⌵	Radeon HD 7560D		490	NA	
⌵	Radeon HD 8670D N HD 8670D + HD 8670D Dual		489	NA	
⌵	Radeon HD 8550G + R5 M230 Dual		488	NA	
⌵	Radeon R4E		487	NA	
⌵	Radeon HD 7520G + 7400M Dual		487	NA	
⌵	Radeon HD 7470		486	18.76*	
⌵	GeForce 9600 GSO 512		486	NA	
⌵	GeForce GT 425M		485	NA	
⌵	GeForce 9800 GT		481	149.99*	
⌵	Radeon HD 7660G		481	NA	
⌵	Radeon HD 8610G + HD 8600M				

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PassMark Software - Video Card Benchmarks - Low-to-Mid Range Video Cards

➤	Radeon HD 8610G + HD 8600M Dual		481	NA	
➤	GeForce GT 330		480	30.00*	

 Video Card ▼

➤	Quadro FX 1800M		479	NA	
➤	Radeon R5 A10-9620P RADEON R5, 10 COMPUTE CORES 4C		477	NA	
➤	Radeon HD 8690A		476	NA	
➤	Radeon HD 8450G + 8670M Dual		475	NA	
➤	Radeon HD 7640G + HD 8570M Dual		475	NA	
➤	GeForce 8800M GTS		474	NA	
➤	FirePro 3D V3800		472	149.99*	
➤	Radeon HD 8570D + R5 235 Dual		471	NA	
➤	GeForce 9800M GTX		470	328.50*	
➤	Radeon HD 7600G + 8500M/8700M Dual		470	NA	
➤	Radeon HD 7570M		469	NA	
➤	Radeon HD 3850		468	NA	
➤	Quadro FX 3600M		467	NA	
➤	SUMO 9644		466	NA	
➤	Radeon HD 7660D + 7470 Dual		466	NA	
➤	Radeon HD 7550M		465	NA	
➤	FirePro V5700		465	NA	
➤	Mobility Radeon HD 4670		463	NA	
➤	Radeon HD 7660G + HD 7600M N HD 7600M Dual		460	NA	
➤	Radeon R5 M420		459	NA	
➤	GeForce 8800 GTS		458	NA	
➤	Quadro FX 4600		458	124.98*	
➤	GeForce 705M		456	NA	
➤	Radeon HD 7640G		455	NA	
➤	Radeon HD 7520G + 7650M Dual		453	NA	
➤	Mobility Radeon HD 5650		453	NA	
➤	Radeon HD 8450G + HD 8600M Dual		452	NA	
➤	HIS DIGITAL HD 4650 AGP		452	NA	
➤	Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D		452	NA	
➤	Intel HD Family		451	NA	
➤	Radeon HD 5570		449	171.99	
➤	GeForce GT 720M		448	NA	
➤	Radeon HD 7520G + HD 7600M Dual		447	NA	
➤	Radeon HD 7660G + 8600M Dual		446	NA	
➤	Radeon HD 8550G		446	NA	
➤	PHDGD Ivy 5		445	NA	
➤	Radeon HD 8570M		445	NA	
➤	Radeon HD 8570D		445	NA	
➤	GeForce GT 320		444	32.69*	
➤	Radeon HD 8350G		443	NA	
➤	Radeon HD 7620G + HD 8600M Dual		443	NA	
➤	GeForce GTS 350M		442	NA	
➤	Radeon HD 8610G		442	NA	
➤	Quadro 410		441	129.00*	

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⌵	Radeon R7 M260		438	799.00*	
⌵	GeForce 710M		437	NA	

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Video Card

▼

⌵	Radeon HD 6410D		435	NA	
⌵	Radeon HD 7600G + HD Dual		435	NA	
⌵	Radeon HD 8410G		435	NA	
⌵	GeForce GT 625M		435	NA	
⌵	GeForce 9800M GT		435	NA	
⌵	Radeon R5 M240		432	NA	
⌵	Radeon HD 3850 AGP		432	NA	
⌵	GeForce GT 420M		432	NA	
⌵	Radeon HD 6620G		431	NA	
⌵	Radeon HD 7670M		430	629.99*	
⌵	GeForce 800A		428	NA	
⌵	Radeon R5 M320		428	NA	
⌵	GeForce GT 710M		425	NA	
⌵	Radeon HD 7640G + HD 7500/7600 Dual		424	NA	
⌵	Radeon HD 7600G + 7550M Dual		423	NA	
⌵	RADEON HD6410D		423	NA	
⌵	Radeon HD 7640G N HD 7640G + HD 8570M Dual		423	NA	
⌵	GeForce GT 620M		421	NA	
⌵	Intel 4th Generation Haswell HD		420	NA	
⌵	Quadro FX 1800		416	99.99*	
⌵	Radeon HD 6550D		411	NA	
⌵	GeForce GT 335M		410	NA	
⌵	Radeon HD 7470M		408	NA	
⌵	Radeon HD 7640G + HD 7600M N HD 7600M Dual		407	NA	
⌵	Radeon HD 7600G + 7500M/7600M Dual		406	NA	
⌵	RADEON E4690		405	NA	
⌵	GeForce 810M		405	NA	
⌵	Intel HD 5300		405	NA	
⌵	Mobility Radeon HD 4650		401	NA	
⌵	GeForce GT 420		397	155.00*	
⌵	Quadro FX 2700M		396	99.95*	
⌵	Radeon HD 8500M		395	NA	
⌵	GeForce 8800 GS		394	NA	
⌵	Quadro FX 2800M		394	49.95*	
⌵	Radeon HD 7600G + 7450M Dual		390	NA	
⌵	Incredible HD		389	NA	
⌵	Quadro FX 3700		388	89.99*	
⌵	Radeon HD 4670		387	109.99*	
⌵	Radeon HD 8450G		385	NA	
⌵	GeForce 7900 GTX		384	NA	
⌵	Radeon R5 M230		384	NA	
⌵	Radeon HD 8510G		378	NA	
⌵	Radeon HD 6490M		378	1,193.03*	
⌵	Radeon HD 7520G + 8750M Dual		377	NA	
⌵	Radeon HD 7600G + 6400M Dual		377	NA	
⌵	GeForce GT 130		376	27.99*	

Intel UHD 605		376	NA
FirePro M2000		375	NA

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Video Card

Radeon HD 8570D + HD8490 Dual		374	NA
GeForce 9700M GTS		369	NA
GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT		369	NA
GeForce 9600 GSO		369	49.99*
GeForce GT 705		369	NA
Radeon R5 235X		368	NA
Matrox Millennium P690 PCIe x16		367	NA
GeForce 9800M GTS		366	NA
Radeon HD4670		366	NA
Mobility Radeon HD 3850		366	NA
Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D		365	NA
Radeon HD 5550		364	54.99*
Radeon HD 7660G + HD 8600M Dual		364	NA
Radeon HD 8470D		364	NA
Intel HD 505		358	NA
Radeon HD 7500G + HD 7500M/7600M Dual		356	NA
Radeon HD 7600G		354	NA
Radeon HD 6480M		353	NA
Mobility Radeon HD 565v		353	NA
GeForce GT 620		351	39.99*
Radeon HD 7580D		351	NA
Radeon HD 7540D		348	NA
Radeon HD 7620G		346	NA
FirePro 3D V3750		341	50.88*
FireGL V5600		341	NA
Radeon HD 8470		341	NA
Radeon HD 8310E		341	NA
Radeon HD 7660D + HD 7400 Dual		340	NA
Radeon R4		340	NA
Radeon HD 8400E		339	NA
Radeon R5E		338	NA
Radeon HD 8570D + HD 8470 Dual		338	NA
FirePro RG220		335	650.18*
Intel UHD 600		335	NA
FirePro V3800		334	NA
Radeon R5 310		332	499.00*
GeForce 9600 GS		330	NA
Radeon HD 7450M		330	NA
Intel HD 4000		329	1,592.95*
Radeon HD 7600G + HD 7400M Dual		329	NA
Mobile Intel HD		326	NA
GeForce GT 120 / 9500 GT		325	NA
Radeon E6460		324	NA
RADEON HD6370D		320	NA
GeForce 240M GT		320	NA

	Radeon HD 8280		319	NA	
	Quadro FX 3500		319	68.98*	

 Video Card

	Mobility Radeon HD 560v		318	NA	
	Radeon R5 235		318	60.13*	
	GeForce 7950 GT		317	299.99*	
	GeForce GT 230		316	43.99*	
	GeForce GT 625		315	NA	
	Radeon HD 6530D		311	NA	
	Radeon HD 7520G + 8600/8700M Dual		311	NA	
	Radeon HD 6370D		311	NA	
	Intel HD 500		310	NA	
	GeForce 605		310	109.95*	
	Quadro FX 3500M		306	99.99*	
	Radeon HD 7420G		304	NA	
	Radeon HD 7500G		303	NA	
	Radeon R1E		301	NA	
	Radeon R3		301	NA	
	Radeon HD 6520G		300	NA	
	Radeon HD 7400G		300	NA	
	Radeon HD 7480D		297	NA	
	GeForce GT 610		296	74.99*	
	NVS 315		295	59.98*	
	GeForce GT 520MX		294	NA	
	GRID K120Q		293	NA	
	GeForce 9600M GT / GeForce GT 220M		293	NA	
	GeForce GT 520		293	74.99*	
	Radeon HD 2900 GT		292	NA	
	Radeon HD 7450A		288	NA	
	GeForce 7950 Xtreme		288	NA	
	Mobility Radeon HD 5165		284	NA	
	Radeon HD 6480G		283	NA	
	Radeon HD 8280E		283	NA	
	Radeon HD 7520G		283	NA	
	Radeon HD 8370D		283	NA	
	Radeon HD 2600 XT		283	NA	
	VisionTek Radeon 4550		280	NA	
	GeForce 610M		280	NA	
	GeForce GT 520M		277	29.95*	
	Radeon HD 6370M		276	NA	
	Intel HD P3000		276	NA	
	GeForce 320M		272	NA	
	GeForce Go 7900 GTX		270	NA	
	Radeon HD 8490		270	59.68*	
	GeForce 9650M GS		270	NA	
	Radeon HD 8280G		270	NA	
	Radeon HD8490		269	NA	
	Radeon HD 5470		268	NA	
	Mobility Radeon HD 550v		266	NA	
	GeForce GT 120M		266	NA	

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PassMark Software - Video Card Benchmarks - Low-to-Mid Range Video Cards

	GeForce Go 7950 GTX		264	NA

Video Card

Intel HD 3000		258	945.00*
Radeon HD 8400		256	NA
Quadro NVS 510M		254	NA
Radeon HD 8330		252	NA
Radeon HD 8240		250	NA
Radeon HD 7640G + 8600M Dual		250	NA
Qualcomm Adreno 630 GPU		249	NA
Radeon R3E		248	NA
GeForce GT 415		248	NA
GeForce 7900 GT/GTO		247	NA
NVS 4200M		247	399.00*
GeForce 410M		246	NA
GeForce 7800 GT		244	80.00*
Quadro FX 5500		242	315.99*
Radeon R5 230		242	59.99*
Radeon R2		241	NA
NVS 310		241	59.98*
Radeon HD 8330E		241	NA
Radeon HD4650		240	NA
GeForce 510		238	69.99*
Mobility Radeon HD 5470		236	NA
Quadro FX 4500 X2		236	NA
Radeon HD 4550		236	126.99*
Mobility Radeon HD 3670		232	NA
Radeon HD 6380G		231	399.99*
Radeon HD 7450		230	49.99*
Radeon HD 6470M		227	569.99*
GeForce GT 230M		225	NA
Radeon R2E		225	NA
GT 430		223	142.88*
GeForce 7800 GTX		222	NA
Quadro FX 880M		222	NA
Radeon HD 7340M		221	NA
HD6450		221	39.99*
A6 Micro-6500T Quad-Core APU with RadeonR4		220	NA
GeForce 7900 GS		219	NA
Mobility FireGL V5725		219	NA
Quadro FX 2500M		218	17.50*
Quadro FX 770M		217	527.00*
Radeon HD 6410D		217	NA
GeForce 9700M GT		217	NA
Radeon HD 6320 Graphic		216	NA
Radeon HD 7350		216	NA
FirePro 2460		216	83.99*
Mobility Radeon. HD 5470		215	NA
GeForce GT 220		215	39.99*

⌵	Mobility Radeon HD 5450		214	NA	
⌵	Intel HD 3000		213	NA	

 Video Card ▼

⌵	GeForce GT 240M		212	NA	
⌵	WinFast GT 610		212	NA	
⌵	Radeon HD 4650		212	124.99*	
⌵	GeForce GT 330M		211	NA	
⌵	Radeon HD 2600 PRO		211	NA	
⌵	NVS 5100M		211	NA	
⌵	GeForce Go 7600 GT		210	NA	
⌵	GeForce Go 7800 GTX		210	NA	
⌵	Radeon HD 8350		209	23.18*	
⌵	Radeon HD 4650 AGP		208	NA	
⌵	Radeon HD 8210		207	NA	
⌵	Barco MXRT 1450		206	NA	
⌵	Quadro FX 4500		205	230.33*	
⌵	Intel 2nd Generation SandyBridge HD 3000		205	NA	
⌵	Quadro NVS 320M		204	NA	
⌵	Radeon HD 8250		203	NA	
⌵	GeForce 7950 GX2		202	54.99*	
⌵	GeForce 7600 GS		201	175.00*	
⌵	Mobility Radeon HD 545v		200	NA	
⌵	RADEON HD7450		199	22.25*	
⌵	Radeon HD 6320M		198	NA	
⌵	GeForce GT 130M		197	NA	
⌵	Radeon HD 7340G		196	NA	
⌵	Quadro NVS 290		196	45.00*	
⌵	GeForce 6800 GS		195	NA	
⌵	Radeon HD 6450		195	58.74*	
⌵	Intel Infoshock HD		194	NA	
⌵	Radeon HD 8210E		194	NA	
⌵	Radeon HD 6430M		193	NA	
⌵	Mobility Radeon HD 2600 XT		192	NA	
⌵	Mobility Radeon HD 4550		191	NA	
⌵	GeForce 305M		191	NA	
⌵	GeForce GT 120		190	29.99*	
⌵	Mobility Radeon HD 540v		188	NA	
⌵	GeForce 505		187	NA	
⌵	Quadro FX 1600M		186	149.90*	
⌵	Mobility Radeon HD 5430		181	NA	
⌵	Radeon HD 7310G		181	NA	
⌵	Quadro FX 1700M		181	NA	
⌵	Barco MXRT 7100		180	NA	
⌵	FireGL V3600		180	160.99*	
⌵	Radeon HD 6230		179	NA	
⌵	FirePro 3D V3700		179	84.99*	
⌵	FirePro 2270		178	144.90*	
⌵	GeForce 7800 GS		177	NA	
⌵	GeForce Go 7900 GS		176	NA	

⌵	Quadro FX 1500		175	115.01*	
⌵	Mobility Radeon HD 530v		175	NA	

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Video Card

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⌵	Quadro FX 1500M		171	NA	
⌵	GeForce 9500 GS		171	NA	
⌵	Radeon HDG 4670		170	NA	
⌵	GeForce GT 325M		169	NA	
⌵	GeForce 9650M GT		169	NA	
⌵	Mobility Radeon HD 2600		168	NA	
⌵	GeForce 9500M G		167	NA	
⌵	Radeon HD 7310M		166	NA	
⌵	Intel HD manual-gen9_2015-133271		165	NA	
⌵	Radeon E6465		164	NA	
⌵	Radeon HD 3670		164	NA	
⌵	GeForce 7600 GT		164	84.95*	
⌵	GeForce 315		164	32.99*	
⌵	GeForce 8600 GTS		164	70.00*	
⌵	VIA/S3G C-645/640 GPU		163	NA	
⌵	Quadro 400		163	39.99*	
⌵	Radeon HD 7340		157	552.69*	
⌵	Radeon HD 4300/4500 Serisi		156	NA	
⌵	Radeon HD 5450		154	64.99*	
⌵	Radeon HD 8180		152	NA	
⌵	Quadro FX 580		152	68.89*	
⌵	Radeon X1950 CrossFire Edition		151	NA	
⌵	GeForce GT 220M		151	NA	
⌵	Radeon HD 3650 AGP		150	NA	
⌵	Quadro FX 3450		149	119.99*	
⌵	Radeon HD 6300M		149	NA	
⌵	Radeon HD 6320		149	554.99*	
⌵	Mobility Radeon HD 4350		148	NA	
⌵	GeForce Go 7700		148	NA	
⌵	ZX Chrome 645/640 GPU		147	NA	
⌵	Radeon X1900 GT		146	NA	
⌵	Quadro FX 380 LP		143	NA	
⌵	GeForce 6800 GT		142	NA	
⌵	RADEON HD 6350		142	35.95*	
⌵	Radeon HD 4290		141	NA	
⌵	Radeon X1800 GTO		141	NA	
⌵	Radeon HD 6290M		140	NA	
⌵	nForce 760i SLI		140	NA	
⌵	Intel Haswell HD - GT2		139	NA	
⌵	NVS 2100M		139	NA	
⌵	GeForce 6800 Ultra		139	NA	
⌵	GeForce Go 6800 Ultra		138	NA	
⌵	Radeon X1900 CrossFire Edition		137	NA	
⌵	Radeon R5 220		137	85.26*	
⌵	Mobility Radeon HD 4330		135	NA	
⌵	GeForce 6800 XT		135	NA	
⌵	Mobility Radeon HD 3650		135	NA	

⌵	Mobility Radeon X1900		135	NA	
⌵	GeForce 9500 GT		135	85.99*	

 Video Card ▼

⌵	GeForce 9800 GT 1024MB		134	NA	
⌵	EAH5450		134	109.99*	
⌵	GeForce 7650 GS		134	NA	
⌵	GeForce G200		132	NA	
⌵	Radeon HD 7310		131	NA	
⌵	MOBILITY RADEON X1800		130	NA	
⌵	GeForce 9200M GE		130	NA	
⌵	RADEON X800 SE		130	NA	
⌵	Mobility Radeon HD 4570		130	NA	
⌵	GeForce 405		130	24.64*	
⌵	Quadro FX 380M		129	NA	
⌵	GeForce 9300 / nForce 730i		129	NA	
⌵	GeForce 9600M GT		129	NA	
⌵	FireGL V7300		128	1,189.99*	
⌵	GeForce 9600M GS		128	NA	
⌵	GeForce Go 7600		128	NA	
⌵	All-in-Wonder X1900		127	NA	
⌵	GeForce 9300		127	NA	
⌵	Radeon HD 3300		127	NA	
⌵	GeForce 205		126	NA	
⌵	GeForce 310		126	108.35*	
⌵	GeForce 8700M GT		125	NA	
⌵	Seria Mobility Radeon HD 3400		125	NA	
⌵	M76M		124	NA	
⌵	Matrox G200e WDDM 2.0		123	NA	
⌵	GeForce 315M		123	NA	
⌵	Radeon HD 7290M		123	NA	
⌵	Intel Haswell HD - GT1		123	NA	
⌵	GeForce G210M		123	NA	
⌵	Radeon HD 4250		123	NA	
⌵	Radeon HD 6310		122	NA	
⌵	Quadro FX 570M		122	NA	
⌵	GeForce 8400 GS		121	43.03	
⌵	ION		121	229.99*	
⌵	Radeon HD 2400		121	24.88*	
⌵	Extreme AX850 PRO		120	NA	
⌵	NVS 300		120	14.00*	
⌵	Radeon HD 2400 XT		119	NA	
⌵	RV530 PRO		119	NA	
⌵	GeForce 9400M		118	NA	
⌵	Quadro FX 1700		117	27.50*	
⌵	Radeon HD 6290		117	NA	
⌵	FireMV 2260		117	104.99*	
⌵	Mobile Intel 45 Express-Chipsatzfamilie		117	NA	
⌵	PHDGD Quantic C3		117	NA	
⌵	GeForce 7300 GT		117	149.99*	
⌵	Radeon X1700 Targa Edition		117	NA	

	FireGL V7200		116	NA	
	NVS 3100M		116	NA	

 Video Card

	GeForce 8600 GT		116	189.00*	
	GeForce G105M		116	NA	
	Radeon X1600 XT		116	NA	
	Quadro FX 570		115	74.99*	
	Radeon HD 7290		115	NA	
	GeForce GT 320M		115	NA	
	GeForce 9200		115	NA	
	Intel Q45/Q43 Express Chipset		115	NA	
	GeForce Go 7800		115	NA	
	FireGL V5200		115	NA	
	Radeon HD 2400 Pro		114	NA	
	Quadro FX 560		114	150.25*	
	Radeon X1950 Pro		113	NA	

* - Last price seen from our affiliates.

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Videocard Benchmarks

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Low End Video Card Chart

This chart made up of thousands of [PerformanceTest](#) benchmark results and is updated daily with new graphics card benchmarks. This low end chart typically contains older video cards or low performance integrated graphics chips for use by workstation machines or in laptops and netbooks for improved power management. This chart includes graphics cards from manufacturers such as ATI, nVidia, Intel, Asus and others.

 VIDEO CARD

 High End

High Mid Range

Low Mid Range

Low End

 Best Value

Common

Market Share (30 Days)

 Compare 0

 Video Card Mega List

Search Model

 GPU Compute

Video Card Chart

G3D Mark

Price Performance

PassMark - G3D Mark

Low End Videocards

Videocard	Average G3D Mark	Price (USD)
 FirePro 2260	113	NA
 GeForce 6800	113	39.99*
 Sapphire RADEON X800 GT	113	NA
 Intel HD Modded	112	NA
 Radeon HD 4200	112	NA
 GeForce 310M	111	NA
 Mobility Radeon HD 3400 Serisi	111	NA
 GeForce G210	111	63.13*
 FireGL V7350	111	19.99*
 Radeon HD 4330	110	NA
 Radeon HD 2600 Pro AGP	110	NA
 Radeon HD 4270	110	NA
 XFX Radeon HD 4650 AGP	110	NA
 GeForce 6800 LE	110	NA
 VIA/S3G Chrome 645/640 GPU	110	NA
 GeForce 8500 GT	109	NA
 Quadro FX 370 LP	108	NA
 GeForce 9500M GS	108	NA
 GeForce 8600 GS	107	NA
 Radeon Infoshock 3000	107	NA
 Radeon X1950 GT	106	NA
 GeForce Go 6800	106	NA
 Radeon HD 3470	106	NA
 GeForce9400M	106	NA
 GeForce 9450	105	NA
 Mobility Radeon X1700	105	NA
 Quadro FX 3400/4400	104	NA
 M880G with Mobility Radeon HD 4250	104	NA

	GeForce 9500M		104	NA	
	Quadro FX 1400		104	245.01*	

 Video Card

	Radeon HD 4350		103	149.95*	
	FireGL V3400		103	NA	
	Quadro FX 380		103	72.50*	
	Quadro FX 370 Low Profile		103	NA	
	GeForce 6800 GS/XT		103	NA	
	Mobility Radeon HD 2400 XT		102	NA	
	Quadro FX Go1400		102	NA	
	Quadro FX 4000		101	NA	
	GeForce 6600 GT		101	64.95*	
	GeForce G100		99	19.99*	
	Radeon X1600 Pro		99	NA	
	Mobility Radeon HD 4250		98	NA	
	Radeon 3000		98	319.00*	
	Mobility Radeon HD 3430		98	NA	
	GeForce 8400M GT		98	NA	
	Radeon HD 6250		98	NA	
	ION LE		98	NA	
	GeForce 9300GE		98	18.00*	
	RADEON X800 XT		98	NA	
	Quadro NVS 130M		97	NA	
	GeForce 210		97	38.99	
	GeForce 9400		97	NA	
	Mobility Radeon HD serie 4200		97	NA	
	Radeon HD 3000		96	NA	
	GeForce 6700 XL		95	NA	
	MEDION RADEON X740XL		95	NA	
	Matrox G200eW3 WDDM 2.0		94	NA	
	Mobility Radeon HD 3470 Hybrid X2		94	NA	
	GeForce G102M		93	NA	
	Mobility Radeon HD 3470		93	NA	
	Quadro FX 370M		93	NA	
	Mobility Radeon HD 4270		93	NA	
	M880G with Mobility Radeon HD 4200		93	NA	
	FireGL V5100		93	NA	
	Quadro NVS 150M		93	NA	
	Mobility Radeon X1600		92	NA	
	nForce 780a SLI		92	NA	
	GeForce 9400 GT		92	165.00*	
	RADEON X600XT		92	NA	
	GeForce G205M		92	NA	
	GeForce 8300		92	22.68*	
	Mobility Radeon HD 3450		91	NA	
	GeForce 6600		91	149.99*	
	Mobility Radeon HD 4200		91	NA	
	Quadro NVS 160M		90	NA	
	GeForce 9400M G		90	NA	
	Mobility Radeon HD 2400		90	NA	

Video Card

https://www.videocardbenchmark.net/low_end_gpus.html

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	RADEON X700		73	NA

Video Card

MEDION RADEON 9800 XXL		72	NA
M880G with Mobility Radeon HD 4225		72	NA
RADEON X700 SE		71	NA
GeForce 9300 GE		71	22.99*
Radeon X1650 SE		71	NA
Radeon X550XTX		71	NA
FireGL V3300		71	NA
Diamond X1300-PCIE 256MB		70	NA
BASICDISPLAY		70	NA
GeForce Go 6600		69	NA
RADEON X800 XL		69	NA
Radeon X1600 Pro / X1300XT		69	NA
Quadro FX 3000		69	166.61*
FireGL V3350		69	NA
Mobile Intel 45 Express		69	NA
GeForce 9300M GS		68	19.95*
Intel B43 Express Chipset		68	NA
GeForce 8400 SE		68	NA
Intel G45/G43/G41 Express Chipset		68	NA
Matrox G200eR WDDM 2.0		68	NA
256MB RADEON X600		67	NA
MOBILITY RADEON X700		67	NA
GeForce 8300 GS		67	NA
Radeon X1550		67	113.00*
Mobility Radeon HD 4225		66	NA
128MB DDR Radeon 9800 Pro		66	NA
GeForce Go 7400		66	NA
GeForce G 103M		65	NA
RADEON X800 PRO		65	NA
M71-M		64	NA
Quadro FX 550		64	149.00*
GeForce 7300 GS		64	NA
Mobility Radeon HD 3410		63	NA
Intel HD manual-15.28-1861		63	NA
Quadro FX 350M		62	NA
MOBILITY FireGL V3200		62	NA
128 DDR Radeon 9800 Pro		62	NA
GeForce 7500 LE		61	NA
SAPPHIRE Radeon X1550		61	NA
GeForce 9200M GS		61	NA
MOBILITY RADEON X700 XL		60	NA
Radeon 2100		60	119.99*
RADEON 9800 PRO		59	NA
Matrox G200e WDDM 1.2		59	NA
GeForce FX 5950 Ultra		59	NA
FireGL X1		59	NA

	GeForce 6800 XE		59	NA	
	GeForce 8400M G		59	NA	

 Video Card

	Intel Q35 Express		58	NA	
	Intel - Express Chipset Q45/Q43		58	NA	
	RADEON 9800		58	210.52*	
	Intel G41 Express-Chipsatz		57	NA	
	Intel Q45/Q43 Express-Chipsatz		57	NA	
	Quadro NVS 135M		57	NA	
	RADEON 9800 XT		57	NA	
	Intel - Express Chipset G41		57	NA	
	GeForce 8200M G		57	NA	
	RADEON X600 256MB HyperMemory		57	NA	
	RADEON X550XT		56	NA	
	Intel G45/G43 Express Chipset		56	NA	
	GeForce 7300 LE		56	32.00*	
	RADEON 9700 PRO		54	NA	
	Intel G41 Express Chipset		53	NA	
	FireGL V3100		53	NA	
	Radeon Xpress 1300		52	NA	
	GeForce Go 7300		52	NA	
	Matrox G200eh WDDM 1.2		52	NA	
	RADEON E2400		52	NA	
	GeForce FX Go5700		51	NA	
	GeForce 6600 LE		51	NA	
	FirePro 2450		51	278.00*	
	RADEON X550		51	NA	
	Matrox G200eR WDDM 1.2		51	NA	
	Mobility Radeon HD 2300		51	NA	
	MOBILITY RADEON X600		50	NA	
	Matrox G200eW WDDM 1.2		50	NA	
	Radeon X1600		49	NA	
	MOBILITY RADEON X600 SE		49	NA	
	Radeon X1050		49	NA	
	128MB RADEON X600 SE		49	NA	
	Mobility Radeon X2300 HD		49	NA	
	Mobility Radeon X2300		48	NA	
	Radeon X1550 64-bit		48	NA	
	Quadro NVS 110M		48	NA	
	SAPPHIRE RADEON 9600 ATLANTIS		47	NA	
	Quadro NVS 120M		47	NA	
	GeForce 7300 SE/7200 GS		46	NA	
	MOBILITY RADEON 9800		46	NA	
	FireMV 2250		46	105.99*	
	GeForce Go 7200		45	NA	
	Matrox G200eh WDDM 2.0		45	NA	
	MOBILITY FireGL V5200		45	NA	
	GeForce Go 6600 TE/6200 TE		45	NA	
	Mobile Intel serie 4 Express		45	NA	
	Mobile Intel 4 Express-		45	NA	

Chipsatzfamilie		43	NA
128 DDR Radeon 9700 TX w/TV-		44	NA

 Video Card

GeForce 6200 TurboCache		43	NA
RADEON 9600 PRO		43	NA
Radeon Xpress 1250		43	NA
Matrox M9138 LP PCIe x16		42	NA
RADEON 9500 PRO / 9700		42	NA
GeForce FX 5900 Ultra		41	NA
Gigabyte RADEON X300		41	NA
GeForce FX 5700		41	NA
MOBILITY FIREGL T2		41	NA
GeForce 7100 GS		41	NA
Matrox G200eh		41	NA
Radeon Xpress 1300M		40	NA
GeForce FX 5900XT		40	NA
Mobility Radeon X1350		40	NA
Matrox G200eW		40	NA
Mobility Radeon X1300		40	NA
S3 Chrome 430 ULP		40	NA
MOBILITY RADEON 9600/9700		39	NA
GIGABYTE RADEON 9600 PRO		39	NA
GeForce 7300 SE		39	NA
Mobile Intel - famiglia Express Chipset 45		39	NA
GeForce 6500		38	NA
Quadro NVS 285 128MB		38	55.00*
RADEON X300SE		38	NA
256MB DDR Radeon 9800 XT		38	NA
Quadro NVS 440		38	124.99*
Radeon X1250		37	NA
Matrox G200eR		37	NA
CONNECT 3D RADEON X300		36	NA
Mobile Intel 965 Express		36	NA
GeForce 7025 / nForce 630a		36	NA
RADEON 9500		36	40.50*
FireMV 2200 PCIe		36	89.99*
MOBILITY RADEON 9600		36	NA
Quadro FX 1100		36	212.99*
Radeon Xpress 1200		36	NA
Quadro NVS 285		35	27.99*
RADEON 9600 XT		35	NA
GeForce PCX 5750		35	NA
RADEON 9550		35	31.88*
GeForce FX 5900		35	NA
Quadro FX 1300		34	NA
Quadro FX 1000		34	NA
GeForce FX 5700 Ultra		34	NA
GeForce PCX 5900		34	NA
Radeon Xpress 1100		34	NA
MOBILITY RADEON X300		34	NA

	MOBILITY FIREGL T2/T2e		34	NA	
	Mobility Radeon X1450		33	NA	

 Video Card

	GeForce 6150 LE		33	NA	
	GeForce 7150 / nForce 630i		33	NA	
	Intel Media Accelerator		33	NA	
	GeForce FX 5900ZT		33	NA	
	Radeon X1200		33	NA	
	GeForce 6200 A-LE		32	NA	
	GeForce 7050 PV / nForce 630a		32	NA	
	Red Hat QXL controller		32	NA	
	GeForce 7100 / nForce 630i		31	NA	
	GeForce 7050 / nForce 620i		31	NA	
	Radeon X1270		31	NA	
	OpenXT Display Driver		31	NA	
	GeForce 6200 LE		31	41.24*	
	FireGL T2-128		31	NA	
	Intel G35 Express		31	NA	
	MOBILITY RADEON 9550		30	NA	
	All-in-Wonder X1800XL		30	NA	
	Radeon Xpress 1150		30	NA	
	RADEON XPRESS 200		30	NA	
	Radeon 9550 / X1050		29	NA	
	GeForce 6150SE nForce 430		29	NA	
	GeForce 6200SE TurboCache		29	NA	
	GeForce 6200		28	39.99*	
	GeForce 7050 / nForce 610i		28	NA	
	MOBILITY RADEON 9700		27	NA	
	MOBILITY FireGL V5250		27	NA	
	RADEON 9600SE		27	NA	
	MOBILITY RADEON XPRESS 200		27	NA	
	Intel 82945G Express		27	NA	
	GeForce 7050 / nForce 630i		27	NA	
	RADEON 9600 PRO Family		27	NA	
	Radeon Xpress 1270		27	NA	
	GeForce 7100 / nForce 620i		26	NA	
	PHDGD Sapphire GR for Mobile Intel 965		26	NA	
	Matrox M9125 PCIe x16		26	NA	
	GeForce 6100 nForce 420		25	NA	
	GeForce 6100 nForce 400		25	NA	
	RADEON 9600 Family		25	NA	
	MOBILITY RADEON 9600 PRO TURBO		25	NA	
	GeForce 6150SE		25	NA	
	GeForce FX 5700LE		25	NA	
	GeForce Go 6400		24	NA	
	Mobile Intel 965 Express-Chipsatzfamilie		24	NA	
	Quadro NVS 210S		24	NA	
	RADEON 9800 SE		24	NA	
	Matrox M9140 LP PCIe x16		23	NA	

19.10.2020	PassMark Software - Video Card Benchmarks - Low End Video Cards			
	≡ ALL-IN-WONDER 9800		23	NA
	≡ GeForce 7200 GS		23	NA
Video Card	≡ RADEON XPRESS 200		23	NA
	≡ RADEON XPRESS 200M		23	NA
	≡ GeForce 6100 nForce 405		22	NA
	≡ GeForce 6150		22	149.99*
	≡ 9xx Soldiers sans frontières Sigma 2		22	NA
	≡ GeForce 6100		21	NA
	≡ Quadro NVS 210S / GeForce 6150LE		21	NA
	≡ PHDGD Solo 2 x64		20	NA
	≡ Matrox M9120 PCIe x16		20	NA
	≡ GeForce Go 6150		19	NA
	≡ Intel G965 Express		19	NA
	≡ QXL KMDOD		19	NA
	≡ S3 Chrome S25 DDR2		18	NA
	≡ RADEON 9600 TX Family		18	NA
	≡ GeForce 7150M / nForce 630M		18	NA
	≡ RADEON XPRESS 200 CROSSFIRE		18	NA
	≡ Quadro FX 2000		18	NA
	≡ GeForce Go 6100		18	NA
	≡ GeForce FX Go 5600		18	NA
	≡ Mobile Intel965 Express		18	NA
	≡ GeForce FX 5600 Ultra		17	NA
	≡ GeForce FX Go5650		17	NA
	≡ GRID V100-8Q		16	NA
	≡ NV44		15	NA
	≡ GeForce Go 6200		15	NA
	≡ Quadro FX 500/600 PCI		14	NA
	≡ Radeon HD 2400 PCI		14	NA
	≡ GeForce 7000M		13	NA
	≡ GeForce 7000M / nForce 610M		13	NA
	≡ GeForce FX 5600		13	NA
	≡ GeForce FX Go5300		13	NA
	≡ GeForce FX 5200 Ultra		12	NA
	≡ GeForce FX 5200SE		12	NA
	≡ FireMV 2400 PCIe		11	NA
	≡ RGH Drivers v3		11	NA
	≡ PHDGD Solo 1.2.0 x86		11	NA
	≡ VIA Chrome9 HD IGP		10	NA
	≡ Master X3100 Driver		10	NA
	≡ MOBILITY IGP 9000/9100		10	NA
	≡ Familia Intel Q33 Express Chipset		10	NA
	≡ Matrox M9148 LP PCIe x16		10	NA
	≡ Matrox Parhelia 256MB		9	NA
	≡ ASUS A7000		9	NA
	≡ GeForce FX 5600XT		9	NA
	≡ GeCube RADEON 7000		9	NA
	≡ GeForce FX Go 5200		8	NA
	≡ Intel Q35 Embedded		8	NA

Video Card

	ATLANTIS PRO		3	NA	
	Xabre		5	NA	

 Video Card

	GeForce4 440		5	NA	
	Quadro4 900 XGL		5	NA	
	ALL-IN-WONDER 9000		5	NA	
	GeForce3		5	NA	
	GeForce4 MX 440 with AGP8X		5	NA	
	WinFast A250 LE		5	NA	
	GeForce2 MX with DVI-D and TV-out		5	NA	
	GeForce4 MX 420		5	NA	
	MOBILITY FIREGL 7800		5	NA	
	RADEON 7500 Family		5	NA	
	VIA/S3G UniChrome Pro IGP		5	NA	
	Intel 82865G Controller		5	NA	
	Intel 915G/915GV/910GL Embedded Controller Functio		5	NA	
	RADEON 9000		5	NA	
	GeForce2 Ti		5	NA	
	XGI Volari Family v1.13.23.D_V		5	NA	
	GeForce4 MX 440SE		5	NA	
	GeForce4 MX 440		5	NA	
	Quadro2 MXR/EX		5	NA	
	Intel 945G Embedded Chipset Function 0		5	NA	
	GeForce4 MX 4000		5	NA	
	ASUS AGP-V3800PRO v31.40H		5	NA	
	GeForce2 Integrated GPU		4	NA	
	Dell 8200		4	NA	
	VIA Chrome9 HC IGP		4	NA	
	VIA/S3G UniChrome IGP		4	NA	
	GeForce4 MX 460		4	NA	
	GeForce2 Go		4	NA	
	MOBILITY/RADEON 9000		4	NA	
	GeForce3 Ti 200		4	NA	
	VIA/S3G KM400/KN400		4	NA	
	Intel 915G,910G Express		4	NA	
	GeForce2 GTS/GeForce2 Pro		4	NA	
	GeForce4 4200 Go		4	NA	
	GeForce2 MX/MX 400		4	NA	
	ABIT Siluro T400		4	NA	
	VIA Chrome9 HC IGP Family		4	NA	
	RADEON 7000 / RADEON VE Family		4	NA	
	RIVA TNT2 Model 64/Model 64 Pro		4	NA	
	RADEON IGP 320		4	NA	
	GeForce4 440 Go		4	NA	
	Intel 82915G/915GV/910GL		4	NA	
	Intel 865 Embedded Controller		4	NA	
	GeForce 6200A		4	54.99*	
	RADEON 9200		4	39.95*	

	MOBILITY RADEON 7500		4	NA	
	Radeon IGP 320M		4	NA	

 Video Card

	VIA Chrome9 HC IGP Family WDDM		4	NA	
	Intel Media Accelerator 500		3	NA	
	RIVA TNT2/TNT2 Pro		3	NA	
	Matrox Parhelia 128MB		3	549.99*	
	GeForce4 420 Go		3	NA	
	VIA/S3G DeltaChrome IGP		3	NA	
	MOBILITY RADEON 9000		3	NA	
	GeForce2 MX 100/200		3	NA	
	Intel 946GZ Embedded Chipset Function 0		3	NA	
	RADEON 7500		3	32.12*	
	S3 Inc. Savage4		3	NA	
	AMIGAMERLIN 3.1-R1 For Voodoo 4 4500 PCI		3	NA	
	Rage Fury Pro/Xpert 2000 Pro		3	NA	
	Mobile Intel 915GM/GMS/910GML Express		3	NA	
	Intel 82915G/GV/910GL Express		3	NA	
	Vanta/Vanta LT		3	NA	
	MOBILITY RADEON 9200		3	NA	
	MOBILITY RADEON 9100 IGP		3	NA	
	Intel Media Accelerator 3150		3	NA	
	Intel 82845G/GL/GE/PE/GV Controller		3	NA	
	RADEON 7200		3	599.99*	
	RADEON 9200 PRO Family		3	NA	
	VIA Chrome9 HC IGP WDDM		3	NA	
	VIA Chrome9 HC IGP WDDM 1.1		3	NA	
	GeForce2 MX		3	NA	
	RADEON IGP 345M		3	NA	
	Radeon 7000 / Radeon VE		3	NA	
	VIA Chrome9 HC3 IGP		3	NA	
	Intel 82915G/GV/910GL Advanced v3.5		3	NA	
	Intel 82845G/GL Controller		3	NA	
	RADEON 9200 LE Family		3	NA	
	RADEON 9250		3	79.95*	
	64MB GeForce2 MX with TV Out		3	NA	
	RADEON 9200 SE		3	NA	
	GeForce3 Ti 500		3	NA	
	Intel GMA 3150 Express		3	NA	
	Radeon IGP 340M		3	NA	
	Quadro NVS 280 SD		2	NA	
	Dell 8100		2	999.11*	
	VIA Chrome9 HC IGP Prerelease WDDM 1.1		2	NA	
	Intel 82845G Controller		2	NA	
	Mobile Intel 945 Express		2	NA	
	Radeon VE		2	NA	
	Intel Extreme Controller		2	NA	

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PassMark Software - Video Card Benchmarks - Low End Video Cards

⌵	S3 SuperSavage/IXC 1014		2	NA	
⌵	VisionTek Radeon 7000		2	NA	
⌵	RAGE 128 PRO AGP 4X TMDS		=	NA	
⌵	IGP 340M		1	NA	
⌵	S3 ProSavageDDR		1	NA	
⌵	Rage 128 Pro		1	NA	
⌵	Intel 82852/82855 GM/GME Controller		1	NA	
⌵	RAGE 128 PRO AGP 4X TMDS		1	NA	
⌵	Quadro2 Pro		1	NA	
⌵	FireMV 2200 PCI		1	NA	

* - Last price seen from our affiliates.

PassMark - G3D Mark

Low End Videocards

Videocard	G3D Mark / Price	G3D Mark	Price (USD)
⌵ FirePro 2260	NA	112	NA
⌵ GeForce 6800	2.8	112	39.99*
⌵ Sapphire RADEON X800 GT	NA	112	NA
⌵ Intel HD Modded	NA	112	NA
⌵ Radeon HD 4200	NA	111	NA
⌵ GeForce 310M	NA	111	NA
⌵ Mobility Radeon HD 3400 Serisi	NA	111	NA
⌵ GeForce G210	1.8	110	63.13*
⌵ FireGL V7350	5.5	110	19.99*
⌵ Radeon HD 4330	NA	110	NA
⌵ Radeon HD 2600 Pro AGP	NA	110	NA
⌵ Radeon HD 4270	NA	109	NA
⌵ XFX Radeon HD 4650 AGP	NA	109	NA
⌵ GeForce 6800 LE	NA	109	NA
⌵ VIA/S3G Chrome 645/640 GPU	NA	109	NA
⌵ GeForce 8500 GT	NA	108	NA
⌵ Quadro FX 370 LP	NA	108	NA
⌵ GeForce 9500M GS	NA	107	NA
⌵ GeForce 8600 GS	NA	106	NA
⌵ Radeon Infoshock 3000	NA	106	NA
⌵ Radeon X1950 GT	NA	106	NA
⌵ GeForce Go 6800	NA	106	NA
⌵ Radeon HD 3470	NA	105	NA
⌵ GeForce9400M	NA	105	NA
⌵ GeForce 9450	NA	104	NA
⌵ Mobility Radeon X1700	NA	104	NA
⌵ Quadro FX 3400/4400	NA	104	NA
⌵ M880G with Mobility Radeon HD 4250	NA	104	NA
⌵ GeForce 9500M	NA	103	NA
⌵ Quadro FX 1400	0.4	103	245.01*
⌵ Intel Media Accelerator HD	NA	103	NA
⌵ Radeon HD 4350	0.7	103	149.95*
⌵ FireGL V3400	NA	103	NA


[Video Card](#)


https://www.videocardbenchmark.net/low_end_gpus.html

Intel Q965/Q963 Express	NA	88	NA
Quadro FX 360M	NA	86	NA

 Video Card

Quadro FX 350	NA	85	NA
GeForce 9100M G	NA	85	NA
FireGL V3200	NA	84	NA
Radeon X1650 Pro		84	160.89*
GeForce 9300M G	NA	84	NA
ALL-IN-WONDER X800 GT	NA	84	NA
Radeon X1300 PRO	NA	84	NA
RADEON X800 GT	NA	84	NA
GeForce 999 GTX	NA	83	NA
Quadro FX 370		83	125.00*
nForce 750a SLI	NA	83	NA
Radeon HD 3200	NA	82	NA
GeForce 9100	NA	81	NA
RADEON X850 XT Platinum Edition	NA	81	NA
Mobility Radeon X2500	NA	81	NA
GeForce 8400M GS		81	14.99*
MOBILITY FireGL V5000	NA	81	NA
GeForce 9300 SE	NA	81	NA
nForce 980a/780a SLI	NA	81	NA
GeForce 8400		81	589.99*
RADEON X800 XT Platinum Edition	NA	81	NA
Mobility Radeon 4100	NA	81	NA
RADEON X850 XT	NA	81	NA
Quadro FX 540		80	59.99*
Quadro NVS 420		80	335.20*
GeForce 9300 GS		80	59.95*
RADEON X800GT	NA	79	NA
GeForce 8200	NA	79	NA
GeForce 8100 / nForce 720a	NA	79	NA
GeForce 8600M GS	NA	78	NA
Quadro NVS 295		78	59.99*
RADEON X800 GTO	NA	76	NA
Radeon HD 2350	NA	76	NA
RADEON X700 PRO	NA	75	NA
M860G with Mobility Radeon 4100	NA	75	NA
Radeon X1650 GTO	NA	74	NA
GeForce 7350 LE	NA	74	NA
FireMV 2450	NA	73	NA
Radeon 3100		73	163.98
Quadro NVS 450		73	139.99*
RADEON X800 PRO/GTO	NA	73	NA
Mobility Radeon HD 4300 Serisi	NA	73	NA
RADEON X850 PRO	NA	72	NA
RADEON X700	NA	72	NA
GeForce G 105M	NA	72	NA
FireGL V7100	NA	71	NA

	Medion Radeon 9800 XXL	NA	71	NA
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 Video Card

RADEON X600		NA	71	NA
GeForce 9300 GE		3.1	71	22.99*
Radeon X1650 SE		NA	71	NA
Radeon X550XTX		NA	70	NA
FireGL V3300		NA	70	NA
Diamond X1300-PCIE 256MB		NA	70	NA
BASICDISPLAY		NA	69	NA
GeForce Go 6600		NA	69	NA
RADEON X800 XL		NA	69	NA
Radeon X1600 Pro / X1300XT		NA	69	NA
Quadro FX 3000		0.4	69	166.61*
FireGL V3350		NA	68	NA
Mobile Intel 45 Express		NA	68	NA
GeForce 9300M GS		3.4	68	19.95*
Intel B43 Express Chipset		NA	68	NA
GeForce 8400 SE		NA	68	NA
Intel G45/G43/G41 Express Chipset		NA	67	NA
Matrox G200eR WDDM 2.0		NA	67	NA
256MB RADEON X600		NA	67	NA
MOBILITY RADEON X700		NA	66	NA
GeForce 8300 GS		NA	66	NA
Radeon X1550		0.6	66	113.00*
Mobility Radeon HD 4225		NA	66	NA
128MB DDR Radeon 9800 Pro		NA	66	NA
GeForce Go 7400		NA	65	NA
GeForce G 103M		NA	64	NA
RADEON X800 PRO		NA	64	NA
M71-M		NA	64	NA
Quadro FX 550		0.4	63	149.00*
GeForce 7300 GS		NA	63	NA
Mobility Radeon HD 3410		NA	62	NA
Intel HD manual-15.28-1861		NA	62	NA
Quadro FX 350M		NA	62	NA
MOBILITY FireGL V3200		NA	62	NA
128 DDR Radeon 9800 Pro		NA	62	NA
GeForce 7500 LE		NA	61	NA
SAPPHIRE Radeon X1550		NA	61	NA
GeForce 9200M GS		NA	60	NA
MOBILITY RADEON X700 XL		NA	59	NA
Radeon 2100		0.5	59	119.99*
RADEON 9800 PRO		NA	59	NA
Matrox G200e WDDM 1.2		NA	59	NA
GeForce FX 5950 Ultra		NA	59	NA
FireGL X1		NA	59	NA
GeForce 6800 XE		NA	58	NA
GeForce 8400M G		NA	58	NA

	⌵ Radeon X1300		3.4	58	16.99*	
	⌵ Intel Q35 Express		NA	57	NA	

 Video Card ▼

	⌵ RADEON 9800		0.3	57	210.52*	
	⌵ Intel G41 Express-Chipsatz		NA	57	NA	
	⌵ Intel Q45/Q43 Express-Chipsatz		NA	57	NA	
	⌵ Quadro NVS 135M		NA	56	NA	
	⌵ RADEON 9800 XT		NA	56	NA	
	⌵ Intel - Express Chipset G41		NA	56	NA	
	⌵ GeForce 8200M G		NA	56	NA	
	⌵ RADEON X600 256MB HyperMemory		NA	56	NA	
	⌵ RADEON X550XT		NA	56	NA	
	⌵ Intel G45/G43 Express Chipset		NA	56	NA	
	⌵ GeForce 7300 LE		1.7	55	32.00*	
	⌵ RADEON 9700 PRO		NA	53	NA	
	⌵ Intel G41 Express Chipset		NA	53	NA	
	⌵ FireGL V3100		NA	52	NA	
	⌵ Radeon Xpress 1300		NA	52	NA	
	⌵ GeForce Go 7300		NA	52	NA	
	⌵ Matrox G200eh WDDM 1.2		NA	51	NA	
	⌵ RADEON E2400		NA	51	NA	
	⌵ GeForce FX Go5700		NA	51	NA	
	⌵ GeForce 6600 LE		NA	51	NA	
	⌵ FirePro 2450		0.2	51	278.00*	
	⌵ RADEON X550		NA	50	NA	
	⌵ Matrox G200eR WDDM 1.2		NA	50	NA	
	⌵ Mobility Radeon HD 2300		NA	50	NA	
	⌵ MOBILITY RADEON X600		NA	50	NA	
	⌵ Matrox G200eW WDDM 1.2		NA	50	NA	
	⌵ Radeon X1600		NA	49	NA	
	⌵ MOBILITY RADEON X600 SE		NA	49	NA	
	⌵ Radeon X1050		NA	49	NA	
	⌵ 128MB RADEON X600 SE		NA	49	NA	
	⌵ Mobility Radeon X2300 HD		NA	48	NA	
	⌵ Mobility Radeon X2300		NA	48	NA	
	⌵ Radeon X1550 64-bit		NA	47	NA	
	⌵ Quadro NVS 110M		NA	47	NA	
	⌵ SAPPHIRE RADEON 9600 ATLANTIS		NA	47	NA	
	⌵ Quadro NVS 120M		NA	46	NA	
	⌵ GeForce 7300 SE/7200 GS		NA	46	NA	
	⌵ MOBILITY RADEON 9800		NA	46	NA	
	⌵ FireMV 2250		0.4	45	105.99*	
	⌵ GeForce Go 7200		NA	45	NA	
	⌵ Matrox G200eh WDDM 2.0		NA	45	NA	
	⌵ MOBILITY FireGL V5200		NA	44	NA	
	⌵ GeForce Go 6600 TE/6200 TE		NA	44	NA	
	⌵ Mobile Intel serie 4 Express		NA	44	NA	
	⌵ Mobile Intel 4 Express-		NA	44	NA	

	Chipsatzfamilie	NA	44	NA	
	128 DDR Radeon 9700 TX	NA	44	NA	

 Video Card

	GeForce 6200 TurboCache	NA	42	NA	
	RADEON 9600 PRO	NA	42	NA	
	Radeon Xpress 1250	NA	42	NA	
	Matrox M9138 LP PCIe x16	NA	42	NA	
	RADEON 9500 PRO / 9700	NA	41	NA	
	GeForce FX 5900 Ultra	NA	41	NA	
	Gigabyte RADEON X300	NA	40	NA	
	GeForce FX 5700	NA	40	NA	
	MOBILITY FIREGL T2	NA	40	NA	
	GeForce 7100 GS	NA	40	NA	
	Matrox G200eh	NA	40	NA	
	Radeon Xpress 1300M	NA	40	NA	
	GeForce FX 5900XT	NA	40	NA	
	Mobility Radeon X1350	NA	39	NA	
	Matrox G200eW	NA	39	NA	
	Mobility Radeon X1300	NA	39	NA	
	S3 Chrome 430 ULP	NA	39	NA	
	MOBILITY RADEON 9600/9700	NA	39	NA	
	GIGABYTE RADEON 9600 PRO	NA	39	NA	
	GeForce 7300 SE	NA	39	NA	
	Mobile Intel - famiglia Express Chipset 45	NA	38	NA	
	GeForce 6500	NA	38	NA	
	Quadro NVS 285 128MB 	0.7	38	55.00*	
	RADEON X300SE	NA	38	NA	
	256MB DDR Radeon 9800 XT	NA	37	NA	
	Quadro NVS 440 	0.3	37	124.99*	
	Radeon X1250	NA	37	NA	
	Matrox G200eR	NA	36	NA	
	CONNECT 3D RADEON X300	NA	36	NA	
	Mobile Intel 965 Express	NA	36	NA	
	GeForce 7025 / nForce 630a	NA	36	NA	
	RADEON 9500 	0.9	36	40.50*	
	FireMV 2200 PCIe 	0.4	36	89.99*	
	MOBILITY RADEON 9600	NA	36	NA	
	Quadro FX 1100 	0.2	35	212.99*	
	Radeon Xpress 1200	NA	35	NA	
	Quadro NVS 285 	1.3	35	27.99*	
	RADEON 9600 XT	NA	35	NA	
	GeForce PCX 5750	NA	34	NA	
	RADEON 9550 	1.1	34	31.88*	
	GeForce FX 5900	NA	34	NA	
	Quadro FX 1300	NA	34	NA	
	Quadro FX 1000	NA	34	NA	
	GeForce FX 5700 Ultra	NA	34	NA	
	GeForce PCX 5900	NA	34	NA	
	Radeon Xpress 1100	NA	34	NA	

	MOBILITY RADEON X300	NA	33	NA

 Video Card

	GeForce FX 5700VE	NA	33	NA
	GeForce 6150 LE	NA	33	NA
	GeForce 7150 / nForce 630i	NA	33	NA
	Intel Media Accelerator	NA	32	NA
	GeForce FX 5900ZT	NA	32	NA
	Radeon X1200	NA	32	NA
	GeForce 6200 A-LE	NA	32	NA
	GeForce 7050 PV / nForce 630a	NA	31	NA
	Red Hat QXL controller	NA	31	NA
	GeForce 7100 / nForce 630i	NA	31	NA
	GeForce 7050 / nForce 620i	NA	31	NA
	Radeon X1270	NA	31	NA
	OpenXT Display Driver	NA	30	NA
	GeForce 6200 LE	0.7	30	41.24*
	FireGL T2-128	NA	30	NA
	Intel G35 Express	NA	30	NA
	MOBILITY RADEON 9550	NA	30	NA
	All-in-Wonder X1800XL	NA	30	NA
	Radeon Xpress 1150	NA	29	NA
	RADEON XPRESS 200	NA	29	NA
	Radeon 9550 / X1050	NA	29	NA
	GeForce 6150SE nForce 430	NA	28	NA
	GeForce 6200SE TurboCache	NA	28	NA
	GeForce 6200	0.7	27	39.99*
	GeForce 7050 / nForce 610i	NA	27	NA
	MOBILITY RADEON 9700	NA	27	NA
	MOBILITY FireGL V5250	NA	27	NA
	RADEON 9600SE	NA	27	NA
	MOBILITY RADEON XPRESS 200	NA	27	NA
	Intel 82945G Express	NA	27	NA
	GeForce 7050 / nForce 630i	NA	27	NA
	RADEON 9600 PRO Family	NA	26	NA
	Radeon Xpress 1270	NA	26	NA
	GeForce 7100 / nForce 620i	NA	26	NA
	PHDGD Sapphire GR for Mobile Intel 965	NA	25	NA
	Matrox M9125 PCIe x16	NA	25	NA
	GeForce 6100 nForce 420	NA	25	NA
	GeForce 6100 nForce 400	NA	25	NA
	RADEON 9600 Family	NA	25	NA
	MOBILITY RADEON 9600 PRO TURBO	NA	24	NA
	GeForce 6150SE	NA	24	NA
	GeForce FX 5700LE	NA	24	NA
	GeForce Go 6400	NA	24	NA
	Mobile Intel 965 Express-Chipsatzfamilie	NA	24	NA

	Quadro NVS 210S	NA	23	NA	
	RADEON A880 SE	NA	23	NA	

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	ALL-IN-WONDER 9800	NA	23	NA	
	GeForce 7200 GS	NA	23	NA	
	GeForce 6100 nForce 430	NA	23	NA	
	RADEON A9800XT	NA	22	NA	
	RADEON XPRESS 200M	NA	22	NA	
	GeForce 6100 nForce 405	NA	22	NA	
	GeForce 6150	0.1	21	149.99*	
	9xx Soldiers sans frontiers Sigma 2	NA	21	NA	
	GeForce 6100	NA	21	NA	
	Quadro NVS 210S / GeForce 6150LE	NA	20	NA	
	PHDGD Solo 2 x64	NA	20	NA	
	Matrox M9120 PCIe x16	NA	19	NA	
	GeForce Go 6150	NA	19	NA	
	Intel G965 Express	NA	19	NA	
	QXL KMDOD	NA	18	NA	
	S3 Chrome S25 DDR2	NA	18	NA	
	RADEON 9600 TX Family	NA	18	NA	
	GeForce 7150M / nForce 630M	NA	18	NA	
	RADEON XPRESS 200 CROSSFIRE	NA	18	NA	
	Quadro FX 2000	NA	18	NA	
	GeForce Go 6100	NA	17	NA	
	GeForce FX Go 5600	NA	17	NA	
	Mobile Intel965 Express	NA	17	NA	
	GeForce FX 5600 Ultra	NA	17	NA	
	GeForce FX Go5650	NA	16	NA	
	GRID V100-8Q	NA	16	NA	
	NV44	NA	15	NA	
	GeForce Go 6200	NA	15	NA	
	Quadro FX 500/600 PCI	NA	14	NA	
	Radeon HD 2400 PCI	NA	14	NA	
	GeForce 7000M	NA	13	NA	
	GeForce 7000M / nForce 610M	NA	12	NA	
	GeForce FX 5600	NA	12	NA	
	GeForce FX Go5300	NA	12	NA	
	GeForce FX 5200 Ultra	NA	12	NA	
	GeForce FX 5200SE	NA	11	NA	
	FireMV 2400 PCIe	NA	11	NA	
	RGH Drivers v3	NA	11	NA	
	PHDGD Solo 1.2.0 x86	NA	11	NA	
	VIA Chrome9 HD IGP	NA	10	NA	
	Master X3100 Driver	NA	10	NA	
	MOBILITY IGP 9000/9100	NA	10	NA	
	Familia Intel Q33 Express Chipset	NA	10	NA	
	Matrox M9148 LP PCIe x16	NA	9	NA	
	Matrox Parhelia 256MB	NA	9	NA	

ASUS A7000	NA	9	NA
GeForce FX 5600XT	NA	9	NA

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Intel Q35 Embedded	NA	8	NA
GeForce FX 5500	0.2	8	36.99*
Mobile Intel 965 Express - BR-0907-0461 v1839	NA	8	NA
Quadro NVS 280 PCI	0.1	8	59.50*
Intel 82945G Express-Chipsatzfamilie	NA	8	NA
MOBILITY RADEON 9000 IGP	NA	7	NA
GeForce FX 5100	NA	7	NA
ASUS V9520-X V62.11	NA	7	NA
Quadro FX 500/FX 600	NA	7	NA
GeForce FX 5200	0.1	7	69.99*
Famille de jeu de puces Express Intel 946GZ	NA	7	NA
Intel US15 Embedded Media and Controller	NA	7	NA
GeForce4 Ti 4400	NA	7	NA
GeForce FX 5200LE	0.2	7	42.99*
Intel Media Accelerator 600	NA	6	NA
GeForce4 Ti 4800 SE	NA	6	NA
Matrox Millennium P690 Plus LP PCIe x16	NA	6	NA
Quadro4 380 XGL	NA	6	NA
RADEON 8500 Family	NA	6	NA
GeForce4 MX Integrated GPU	NA	6	NA
V9560XT V62.11	NA	6	NA
GeForce2 Ultra	NA	6	NA
Intel Q33 Express	NA	6	NA
MOBILITY RADEON 7000 IGP	NA	6	NA
Intel 946GZ Express	NA	6	NA
GeForce PCX 5300	NA	6	NA
RADEON 9100 Family	NA	6	NA
Quadro NVS 55/280 PCI	NA	6	NA
RADEON IGP 350M	NA	6	NA
GeForce4 440 Go 64M	NA	5	NA
VIA/S3G UniChromell	NA	5	NA
GeForce4 Ti 4800	NA	5	NA
Mobile Intel 945GM Express	NA	5	NA
Quadro 280 NVS PCIe	NA	5	NA
64MB DDR GeForce3 Ti 200	NA	5	NA
Intel 82915G Express	NA	5	NA
Matrox M9120 Plus LP PCIe x16	NA	5	NA
MOBILITY RADEON 9000/9100 IGP	NA	5	NA
Matrox Parhelia APVe	NA	5	NA
ALL-IN-WONDER RADEON 8500DV	NA	5	NA
GeForce4 Ti 4200	NA	5	NA
GeForce4 448 Go	NA	5	NA
GeForce4 Ti 4600	0.1	5	52.00*

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GeForce4 Ti 4000	0.1	5	33.99
RADEON 9100 IGP	NA	5	NA

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Matrox Millennium P650 PCIe 128	NA	5	NA
Mobile Intel 945GM/GU Express	NA	5	NA
SAPPHIRE RADEON 9000 ATLANTIS PRO	NA	5	NA
Xabre	NA	5	NA
GeForce 256	0.1	5	42.04*
Quadro4 980 XGL	0.0	5	341.43*
GeForce4 440	NA	4	NA
Quadro4 900 XGL	NA	4	NA
ALL-IN-WONDER 9000	NA	4	NA
GeForce3	NA	4	NA
GeForce4 MX 440 with AGP8X	NA	4	NA
WinFast A250 LE	NA	4	NA
GeForce2 MX with DVI-D and TV-out	NA	4	NA
GeForce4 MX 420	NA	4	NA
MOBILITY FIREGL 7800	NA	4	NA
RADEON 7500 Family	NA	4	NA
VIA/S3G UniChrome Pro IGP	NA	4	NA
Intel 82865G Controller	NA	4	NA
Intel 915G/915GV/910GL Embedded Controller Functio	NA	4	NA
RADEON 9000	NA	4	NA
GeForce2 Ti	NA	4	NA
XGI Volari Family v1.13.23.D_V	NA	4	NA
GeForce4 MX 440SE	NA	4	NA
GeForce4 MX 440	NA	4	NA
Quadro2 MXR/EX	NA	4	NA
Intel 945G Embedded Chipset Function 0	NA	4	NA
GeForce4 MX 4000	NA	4	NA
ASUS AGP-V3800PRO v31.40H	NA	4	NA
GeForce2 Integrated GPU	NA	4	NA
Dell 8200	NA	4	NA
VIA Chrome9 HC IGP	NA	4	NA
VIA/S3G UniChrome IGP	NA	4	NA
GeForce4 MX 460	NA	4	NA
GeForce2 Go	NA	4	NA
MOBILITY/RADEON 9000	NA	4	NA
GeForce3 Ti 200	NA	4	NA
VIA/S3G KM400/KN400	NA	4	NA
Intel 915G,910G Express	NA	4	NA
GeForce2 GTS/GeForce2 Pro	NA	3	NA
GeForce4 4200 Go	NA	3	NA
GeForce2 MX/MX 400	NA	3	NA
ABIT Siluro T400	NA	3	NA

	VIA Chrome9 HC IGP Family	NA	3	NA	
	RADEON 7000 / RADEON 7000				

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	64 Pro	NA	2	NA	
	RADEON IGP 320	NA	3	NA	
	GeForce4 440 Go	NA	3	NA	
	Intel 82915G/915GV/910GL	NA	3	NA	
	Intel 865 Embedded Controller	NA	3	NA	
	GeForce 6200A 	0.1	3	54.99*	
	RADEON 9200 	0.1	3	39.95*	
	MOBILITY RADEON 7500	NA	3	NA	
	Radeon IGP 320M	NA	3	NA	
	RADEON 9000 Family	NA	3	NA	
	VIA Chrome9 HC IGP Family WDDM	NA	3	NA	
	Intel Media Accelerator 500	NA	3	NA	
	RIVA TNT2/TNT2 Pro	NA	3	NA	
	Matrox Parhelia 128MB	0.0	3	549.99*	
	GeForce4 420 Go	NA	3	NA	
	VIA/S3G DeltaChrome IGP	NA	3	NA	
	MOBILITY RADEON 9000	NA	3	NA	
	GeForce2 MX 100/200	NA	3	NA	
	Intel 946GZ Embedded Chipset Function 0	NA	3	NA	
	RADEON 7500 	0.1	3	32.12*	
	S3 Inc. Savage4	NA	3	NA	
	AMIGAMERLIN 3.1-R1 For Voodoo 4 4500 PCI	NA	3	NA	
	Rage Fury Pro/Xpert 2000 Pro	NA	3	NA	
	Mobile Intel 915GM/GMS/910GML Express	NA	3	NA	
	Intel 82915G/GV/910GL Express	NA	3	NA	
	Vanta/Vanta LT	NA	3	NA	
	MOBILITY RADEON 9200	NA	3	NA	
	MOBILITY RADEON 9100 IGP	NA	2	NA	
	Intel Media Accelerator 3150	NA	2	NA	
	Intel 82845G/GL/GE/PE/GV Controller	NA	2	NA	
	RADEON 7200	0.0	2	599.99*	
	RADEON 9200 PRO Family	NA	2	NA	
	VIA Chrome9 HC IGP WDDM	NA	2	NA	
	VIA Chrome9 HC IGP WDDM 1.1	NA	2	NA	
	GeForce2 MX	NA	2	NA	
	RADEON IGP 345M	NA	2	NA	
	Radeon 7000 / Radeon VE	NA	2	NA	
	VIA Chrome9 HC3 IGP	NA	2	NA	
	Intel 82915G/GV/910GL Advanced v3.5	NA	2	NA	
	Intel 82845G/GL Controller	NA	2	NA	
	RADEON 9200 LE Family	NA	2	NA	
	RADEON 9250	0.0	2	79.95*	

	64MB GeForce2 MX with TV Out	NA	2	NA	
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	Intel GMA 3150 Express	NA	2	NA	
	Radeon IGP 340M	NA	2	NA	
	Quadro NVS 280 SD	NA	2	NA	
	Dell 8100	0.0	2	999.11*	
	VIA Chrome9 HC IGP Prerelease WDDM 1.1	NA	2	NA	
	Intel 82845G Controller	NA	2	NA	
	Mobile Intel 945 Express	NA	2	NA	
	Radeon VE	NA	2	NA	
	Intel Extreme Controller	NA	1	NA	
	S3 SuperSavage/IXC 1014	NA	1	NA	
	VisionTek Radeon 7000	NA	1	NA	
	VIA Chrome9 HCM IGP	NA	1	NA	
	RADEON IGP 34xM	NA	1	NA	
	IGP 340M	NA	1	NA	
	S3 ProSavageDDR	NA	1	NA	
	Rage 128 Pro	NA	1	NA	
	Intel 82852/82855 GM/GME Controller	NA	1	NA	
	RAGE 128 PRO AGP 4X TMDS	NA	1	NA	
	Quadro2 Pro	NA	1	NA	
	FireMV 2200 PCI	NA	1	NA	

* - Last price seen from our affiliates.

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