

CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

CPU List

Below is an alphabetical list of all CPU types that appear in the charts. Clicking on a specific processor name will take you to the chart it appears in and will highlight it for you. Results for [Single CPU Systems](#) and [Multiple CPU Systems](#) are listed separately.

 Find CPU

Single CPU 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

- CPU Mega List**
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- Compare** ⁰

- Common**
Most

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2856	NA	NA
AMD A4 Micro-6400T APU	1551	2044	NA	NA
AMD A4 PRO-3340B	2402	1646	NA	NA
AMD A4 PRO-7300B APU	2353	1669	NA	NA
AMD A4 PRO-7350B	2227	1720	NA	NA
AMD A4-1200 APU	632	2536	NA	NA
AMD A4-1250 APU	622	2543	NA	NA
AMD A4-3300 APU	1502	2071	115.65	\$12.99
AMD A4-3300M APU	1185	2236	39.54	\$29.99*
AMD A4-3305M APU	1228	2212	39.87	\$30.81
AMD A4-3310MX APU	1286	2175	NA	NA
AMD A4-3320M APU	1253	2199	33.98	\$36.90
AMD A4-3330MX APU	1218	2217	NA	NA
AMD A4-3400 APU	1593	2029	18.12	\$87.95
AMD A4-3420 APU	1664	1989	NA	NA
AMD A4-4000 APU	1831	1902	14.28	\$128.27*
AMD A4-4020 APU	1909	1859	23.00	\$83.00
AMD A4-4300M APU	1614	2016	40.52	\$39.86
AMD A4-4355M APU	1177	2239	NA	NA
AMD A4-5000 APU	1920	1852	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5050 APU	2124	1760	NA	NA
AMD A4-5100 APU	2060	1788	NA	NA
AMD A4-5150M APU	1864	1883	NA	NA
AMD A4-5300 APU	2021	1804	18.32	\$110.32
AMD A4-5300B APU	2149	1748	56.56	\$38.00*
AMD A4-6210 APU	2172	1738	NA	NA
AMD A4-6250J APU	2537	1599	NA	NA
AMD A4-6300 APU	2227	1718	48.91	\$45.55*
AMD A4-6300B APU	2159	1747	21.59	\$100.00*
AMD A4-6320 APU	2329	1671	33.29	\$69.99*
AMD A4-7210 APU	2527	1602	NA	NA
AMD A4-7300 APU	2313	1679	20.65	\$112.00
AMD A4-9120	1954	1838	NA	NA
AMD A4-9120C	1539	2048	NA	NA
AMD A4-9125	1979	1821	NA	NA
AMD A6 Micro-6500T APU	1834	1897	NA	NA
AMD A6 PRO-7050B APU	1616	2015	NA	NA
AMD A6 PRO-7400B	2621	1565	NA	NA
AMD A6-1450 APU	1539	2049	NA	NA
AMD A6-3400M APU	1886	1874	62.95	\$29.97*
AMD A6-3410MX APU	2058	1790	515.98	\$3.99*
AMD A6-3420M APU	2004	1811	NA	NA
AMD A6-3430MX APU	2200	1732	NA	NA
AMD A6-3500 APU	2030	1799	50.77	\$39.99*
AMD A6-3600 APU	2707	1542	117.76	\$22.99*
AMD A6-3620 APU	2792	1511	46.55	\$59.99*
AMD A6-3650 APU	3141	1394	98.19	\$31.99*
AMD A6-3670 APU	3164	1383	5.19	\$610.00*
AMD A6-4400M APU	1644	2001	205.82	\$7.99*
AMD A6-4455M APU	1284	2179	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5200 APU	2438	1635	NA	NA
AMD A6-5345M APU	1476	2081	NA	NA
AMD A6-5350M APU	1909	1860	44.28	\$43.12

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5357M APU	1953	1839	NA	NA
AMD A6-5400B APU	2237	1715	21.30	\$105.04*
AMD A6-5400K APU	2164	1743	34.90	\$62.02
AMD A6-6310 APU	2469	1625	NA	NA
AMD A6-6400B APU	2281	1693	NA	NA
AMD A6-6400K APU	2316	1676	32.64	\$70.97*
AMD A6-6420B APU	2612	1567	NA	NA
AMD A6-6420K APU	2388	1655	15.92	\$149.99*
AMD A6-7000	1667	1985	NA	NA
AMD A6-7310 APU	2678	1548	NA	NA
AMD A6-7400K APU	2783	1515	23.30	\$119.46
AMD A6-7470K	2739	1532	12.57	\$218.00
AMD A6-7480	3096	1406	70.38	\$43.99*
AMD A6-8500P	2202	1731	NA	NA
AMD A6-8550	3032	1427	NA	NA
AMD A6-9200	1747	1937	NA	NA
AMD A6-9210	1764	1928	NA	NA
AMD A6-9220	2164	1742	NA	NA
AMD A6-9220C	1962	1830	NA	NA
AMD A6-9220e	1609	2019	NA	NA
AMD A6-9225	2108	1765	NA	NA
AMD A6-9230	2102	1768	NA	NA
AMD A6-9500	3032	1428	54.29	\$55.85
AMD A6-9500E	2889	1483	39.85	\$72.50*
AMD A8 PRO-7150B APU	2655	1554	NA	NA
AMD A8 PRO-7600B APU	4744	1017	NA	NA
AMD A8-3500M APU	1984	1819	28.37	\$69.95
AMD A8-3510MX APU	2410	1644	NA	NA
AMD A8-3520M APU	2169	1739	NA	NA
AMD A8-3530MX APU	2354	1667	NA	NA
AMD A8-3550MX APU	2610	1569	NA	NA
AMD A8-3800 APU	3006	1435	52.75	\$56.99*
AMD A8-3820 APU	3102	1404	24.82	\$124.99*
AMD A8-3850 APU	3458	1299	32.73	\$105.68*

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AMD A8-3870K APU	3535	1277	23.62	\$149.67*
AMD A8-4500M APU	2666	1551	NA	NA
AMD A8-4555M APU	2123	1761	NA	NA
AMD A8-5500 APU	4000	1163	70.81	\$56.50*
AMD A8-5500B APU	4064	1153	NA	NA
AMD A8-5545M APU	2585	1577	NA	NA
AMD A8-5550M APU	3000	1437	NA	NA
AMD A8-5557M APU	2956	1453	NA	NA
AMD A8-5600K APU	4341	1098	18.93	\$229.30
AMD A8-6410 APU	2577	1581	NA	NA
AMD A8-6500 APU	4398	1088	46.31	\$94.99*
AMD A8-6500B APU	4616	1036	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-6500T APU	3276	1346	NA	NA
AMD A8-6600K APU	4592	1045	47.35	\$96.99*
AMD A8-7050	1824	1904	NA	NA
AMD A8-7100 APU	2798	1508	NA	NA
AMD A8-7200P	3338	1333	NA	NA
AMD A8-7410 APU	2750	1528	NA	NA
AMD A8-7600 APU	5057	950	34.42	\$146.94*
AMD A8-7650K	4924	980	21.41	\$230.00*
AMD A8-7670K	5089	943	31.59	\$161.10*
AMD A8-7680	5326	910	88.79	\$59.99*
AMD A8-8600P	3248	1353	NA	NA
AMD A8-8650	5465	885	NA	NA
AMD A8-9600	4966	973	68.18	\$72.85
AMD A9-9400	2306	1682	NA	NA
AMD A9-9410	2542	1597	NA	NA
AMD A9-9420	2335	1670	NA	NA
AMD A9-9420e	1787	1918	NA	NA
AMD A9-9425	2436	1636	NA	NA
AMD A9-9430	2547	1594	NA	NA
AMD A10 Micro-6700T APU	1970	1827	NA	NA
AMD A10 PRO-7350R APU	3152	1389	NA	NA

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<u>AMD A10 PRO-7800B APU</u>	4924	981	NA	NA
<u>AMD A10 PRO-7850B APU</u>	5380	900	NA	NA
<u>AMD A10-4600M APU</u>	3117	1403	<u>28.35</u>	<u>\$109.95*</u>
<u>AMD A10-4655M APU</u>	2606	1570	NA	NA
<u>AMD A10-4657M APU</u>	2906	1472	NA	NA
<u>AMD A10-5700 APU</u>	4214	1125	<u>65.35</u>	<u>\$64.50*</u>
<u>AMD A10-5745M APU</u>	2765	1521	NA	NA
<u>AMD A10-5750M APU</u>	3343	1329	NA	NA
<u>AMD A10-5757M APU</u>	3084	1412	NA	NA
<u>AMD A10-5800B APU</u>	4613	1037	NA	NA
<u>AMD A10-5800K APU</u>	4648	1027	<u>30.99</u>	<u>\$149.99*</u>
<u>AMD A10-6700 APU</u>	4605	1041	<u>39.37</u>	<u>\$116.99*</u>
<u>AMD A10-6700T APU</u>	3711	1238	<u>25.15</u>	<u>\$147.61*</u>
<u>AMD A10-6790K APU</u>	4718	1019	<u>49.68</u>	<u>\$94.99*</u>
<u>AMD A10-6800B APU</u>	4822	1001	NA	NA
<u>AMD A10-6800K APU</u>	4862	994	<u>55.41</u>	<u>\$87.76*</u>
<u>AMD A10-7300 APU</u>	2901	1479	NA	NA
<u>AMD A10-7400P</u>	3606	1258	NA	NA
<u>AMD A10-7700K APU</u>	5118	940	<u>40.79</u>	<u>\$125.47*</u>
<u>AMD A10-7800 APU</u>	4972	972	<u>48.09</u>	<u>\$103.39*</u>
<u>AMD A10-7850K APU</u>	5466	884	<u>32.67</u>	<u>\$167.33*</u>
<u>AMD A10-7860K</u>	5037	957	<u>28.78</u>	<u>\$175.00*</u>
<u>AMD A10-7870K</u>	5476	882	<u>24.13</u>	<u>\$226.99*</u>
<u>AMD A10-7890K</u>	5709	847	<u>28.55</u>	<u>\$199.99*</u>
<u>AMD A10-8700P</u>	3437	1304	NA	NA
<u>AMD A10-8750</u>	5054	952	NA	NA
<u>AMD A10-8850</u>	5604	862	NA	NA
<u>AMD A10-9600P</u>	3764	1218	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD A10-9620P</u>	3677	1243	NA	NA
<u>AMD A10-9630P</u>	4474	1071	NA	NA
<u>AMD A10-9700</u>	5382	899	<u>64.77</u>	<u>\$83.11</u>
<u>AMD A10-9700E</u>	4727	1018	<u>30.68</u>	<u>\$154.10*</u>
<u>AMD A12-9700P</u>	3719	1233	NA	NA

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<u>AMD A12-9720P</u>	3990	1164	NA	NA
<u>AMD A12-9730P</u>	4417	1084	NA	NA
<u>AMD A12-9800</u>	5587	864	<u>37.69</u>	<u>\$148.24*</u>
<u>AMD A12-9800E</u>	5031	959	<u>35.09</u>	<u>\$143.37*</u>
<u>AMD Athlon64 X2 Dual Core 4600+</u>	1108	2281	NA	NA
<u>AMD Athlon 4</u>	279	2876	<u>3.50</u>	<u>\$79.99</u>
<u>AMD Athlon 64 2000+</u>	177	2981	NA	NA
<u>AMD Athlon 64 2200+</u>	575	2568	NA	NA
<u>AMD Athlon 64 2600+</u>	374	2750	NA	NA
<u>AMD Athlon 64 2800+</u>	438	2678	<u>4.38</u>	<u>\$99.99*</u>
<u>AMD Athlon 64 3000+</u>	464	2648	<u>6.19</u>	<u>\$74.95</u>
<u>AMD Athlon 64 3200+</u>	494	2618	<u>3.30</u>	<u>\$149.95*</u>
<u>AMD Athlon 64 3300+</u>	576	2567	NA	NA
<u>AMD Athlon 64 3400+</u>	545	2578	NA	NA
<u>AMD Athlon 64 3500+</u>	541	2584	<u>4.97</u>	<u>\$108.95*</u>
<u>AMD Athlon 64 3600+</u>	601	2552	NA	NA
<u>AMD Athlon 64 3700+</u>	598	2553	<u>8.67</u>	<u>\$69.00*</u>
<u>AMD Athlon 64 3800+</u>	589	2557	<u>5.36</u>	<u>\$109.95</u>
<u>AMD Athlon 64 4000+</u>	608	2547	<u>3.32</u>	<u>\$183.27*</u>
<u>AMD Athlon 64 FX-25</u>	794	2464	NA	NA
<u>AMD Athlon 64 FX-34</u>	380	2743	NA	NA
<u>AMD Athlon 64 FX-51</u>	437	2680	NA	NA
<u>AMD Athlon 64 FX-53</u>	646	2528	<u>21.57</u>	<u>\$29.99*</u>
<u>AMD Athlon 64 FX-55</u>	721	2493	<u>4.01</u>	<u>\$179.95*</u>
<u>AMD Athlon 64 FX-57</u>	740	2487	NA	NA
<u>AMD Athlon 64 FX-59</u>	715	2496	NA	NA
<u>AMD Athlon 64 FX-60 Dual Core</u>	1282	2180	NA	NA
<u>AMD Athlon 64 FX-62 Dual Core</u>	1573	2034	NA	NA
<u>AMD Athlon 64 FX-72</u>	1794	1914	NA	NA
<u>AMD Athlon 64 FX-74</u>	1495	2074	<u>2.99</u>	<u>\$499.50*</u>
<u>AMD Athlon 64 X2 3800+</u>	958	2376	NA	NA
<u>AMD Athlon 64 X2 4200+</u>	1285	2176	<u>4.16</u>	<u>\$308.95*</u>
<u>AMD Athlon 64 X2 Dual Core 3400+</u>	994	2349	NA	NA
<u>AMD Athlon 64 X2 Dual Core 3600+</u>	962	2369	<u>16.03</u>	<u>\$60.00</u>

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<u>AMD Athlon 64 X2 Dual Core 3800+</u>	1000	2343	NA	NA
<u>AMD Athlon 64 X2 Dual Core 4000+</u>	1045	2314	NA	NA
<u>AMD Athlon 64 X2 Dual Core 4200+</u>	1096	2285	<u>5.35</u>	<u>\$204.95*</u>
<u>AMD Athlon 64 X2 Dual Core 4400+</u>	1145	2263	<u>19.10</u>	<u>\$59.99*</u>
<u>AMD Athlon 64 X2 Dual Core 4600+</u>	1219	2216	<u>3.39</u>	<u>\$359.95*</u>
<u>AMD Athlon 64 X2 Dual Core 4800+</u>	1253	2198	<u>2.73</u>	<u>\$459.95*</u>
<u>AMD Athlon 64 X2 Dual Core 5000+</u>	1314	2157	<u>3.96</u>	<u>\$331.49*</u>
<u>AMD Athlon 64 X2 Dual Core 5200+</u>	1382	2120	<u>23.04</u>	<u>\$60.00</u>
<u>AMD Athlon 64 X2 Dual Core 5400+</u>	1451	2091	<u>27.38</u>	<u>\$52.99*</u>
<u>AMD Athlon 64 X2 Dual Core 5600+</u>	1485	2078	<u>8.25</u>	<u>\$179.95</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon 64 X2 Dual Core 5800+</u>	1516	2060	<u>60.68</u>	<u>\$24.99*</u>
<u>AMD Athlon 64 X2 Dual Core 6000+</u>	1602	2024	<u>34.87</u>	<u>\$45.95</u>
<u>AMD Athlon 64 X2 Dual Core 6400+</u>	1784	1919	<u>6.87</u>	<u>\$259.95*</u>
<u>AMD Athlon 64 X2 Dual Core BE-230</u>	1095	2287	NA	NA
<u>AMD Athlon 64 X2 Dual Core BE-2300</u>	1082	2298	NA	NA
<u>AMD Athlon 64 X2 Dual Core BE-2350</u>	1044	2315	NA	NA
<u>AMD Athlon 64 X2 Dual Core TK-53</u>	839	2441	<u>28.02</u>	<u>\$29.97*</u>
<u>AMD Athlon 64 X2 Dual Core TK-55</u>	839	2443	<u>14.53</u>	<u>\$57.74*</u>
<u>AMD Athlon 64 X2 Dual Core TK-57</u>	971	2362	NA	NA
<u>AMD Athlon 64 X2 Dual-Core TK-42</u>	877	2421	NA	NA
<u>AMD Athlon 64 X2 Dual-Core TK-53</u>	823	2449	NA	NA
<u>AMD Athlon 64 X2 Dual-Core TK-55</u>	870	2423	<u>11.97</u>	<u>\$72.74*</u>
<u>AMD Athlon 64 X2 Dual-Core TK-57</u>	924	2400	NA	NA
<u>AMD Athlon 64 X2 QL-60</u>	925	2399	NA	NA
<u>AMD Athlon 64 X2 QL-62</u>	1005	2339	NA	NA
<u>AMD Athlon 64 X2 QL-64</u>	992	2353	NA	NA
<u>AMD Athlon 64 X2 QL-65</u>	1050	2313	NA	NA
<u>AMD Athlon 64 X2 QL-66</u>	947	2386	NA	NA
<u>AMD Athlon 64 X2 QL-67</u>	1006	2338	NA	NA
<u>AMD Athlon 64 X2 TK-55</u>	955	2377	NA	NA
<u>AMD Athlon 64 X2 TK-57</u>	988	2354	NA	NA
<u>AMD Athlon 200GE</u>	4956	975	<u>71.54</u>	<u>\$69.29</u>
<u>AMD Athlon 220GF</u>	5230	922	<u>79.54</u>	<u>\$65.76</u>

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<u>AMD Athlon 240GE</u>	5427	889	<u>61.21</u>	<u>\$88.68</u>
<u>AMD Athlon 300GE</u>	5517	878	NA	NA
<u>AMD Athlon 300U</u>	4627	1034	NA	NA
<u>AMD Athlon 1500+</u>	294	2848	NA	NA
<u>AMD Athlon 1640B</u>	670	2519	<u>13.42</u>	<u>\$50.00*</u>
<u>AMD Athlon 2000+</u>	390	2739	NA	NA
<u>AMD Athlon 2100+</u>	412	2701	NA	NA
<u>AMD Athlon 2200+</u>	363	2768	<u>4.55</u>	<u>\$79.99*</u>
<u>AMD Athlon 2400+</u>	462	2651	NA	NA
<u>AMD Athlon 2500+</u>	374	2748	<u>4.41</u>	<u>\$84.99</u>
<u>AMD Athlon 2600+</u>	444	2671	<u>4.23</u>	<u>\$104.95*</u>
<u>AMD Athlon 2650e</u>	407	2709	<u>21.46</u>	<u>\$19.00*</u>
<u>AMD Athlon 2800+</u>	447	2667	<u>3.20</u>	<u>\$139.95*</u>
<u>AMD Athlon 2850e</u>	506	2610	NA	NA
<u>AMD Athlon 3000G</u>	5437	888	<u>94.40</u>	<u>\$57.60*</u>
<u>AMD Athlon 3100+</u>	485	2629	NA	NA
<u>AMD Athlon 3200+</u>	458	2655	<u>7.63</u>	<u>\$60.00*</u>
<u>AMD Athlon 5000 Dual-Core</u>	1292	2170	<u>10.78</u>	<u>\$119.95</u>
<u>AMD Athlon 5150 APU</u>	2110	1763	<u>13.20</u>	<u>\$159.95</u>
<u>AMD Athlon 5200 Dual-Core</u>	1266	2193	<u>42.23</u>	<u>\$29.99*</u>
<u>AMD Athlon 5350 APU</u>	2610	1568	<u>23.73</u>	<u>\$109.99*</u>
<u>AMD Athlon 5370 APU</u>	2915	1468	<u>45.77</u>	<u>\$63.70*</u>
<u>AMD Athlon 7450 Dual-Core</u>	1449	2093	NA	NA
<u>AMD Athlon 7550 Dual-Core</u>	1472	2082	<u>24.54</u>	<u>\$60.00*</u>
<u>AMD Athlon 7750 Dual-Core</u>	1571	2035	<u>10.27</u>	<u>\$152.99*</u>
<u>AMD Athlon 7850 Dual-Core</u>	1710	1958	<u>8.16</u>	<u>\$209.65*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon 7850 Dual-Core 2.8G</u>	288	2859	NA	NA
<u>AMD Athlon Dual Core 4050e</u>	1086	2293	NA	NA
<u>AMD Athlon Dual Core 4450B</u>	1168	2248	<u>37.68</u>	<u>\$31.00*</u>
<u>AMD Athlon Dual Core 4450e</u>	1111	2278	NA	NA
<u>AMD Athlon Dual Core 4850B</u>	1391	2115	NA	NA
<u>AMD Athlon Dual Core 4850e</u>	1315	2156	<u>33.74</u>	<u>\$39.00*</u>
<u>AMD Athlon Dual Core 5000R</u>	1308	2160	<u>13.77</u>	<u>\$95.00*</u>

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AMD Athlon Dual Core 5050e	1345	2142	22.43	\$60.00*
AMD Athlon Dual Core 5200B	1316	2154	NA	NA
AMD Athlon Dual Core 5400B	1420	2104	NA	NA
AMD Athlon Dual Core 5600B	1304	2163	NA	NA
AMD Athlon II 160u	563	2574	18.78	\$29.99*
AMD Athlon II 170u	627	2539	34.86	\$17.99
AMD Athlon II Dual-Core M300	1112	2277	NA	NA
AMD Athlon II Dual-Core M320	1141	2265	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2310	NA	NA
AMD Athlon II N330 Dual-Core	1154	2257	NA	NA
AMD Athlon II N350 Dual-Core	1249	2205	NA	NA
AMD Athlon II N370 Dual-Core	1559	2040	NA	NA
AMD Athlon II Neo K125	477	2637	NA	NA
AMD Athlon II Neo K145	525	2593	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2469	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2432	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2463	NA	NA
AMD Athlon II P320 Dual-Core	1216	2218	40.62	\$29.95*
AMD Athlon II P340 Dual-Core	1251	2203	27.83	\$44.95*
AMD Athlon II P360 Dual-Core	1318	2153	54.93	\$24.00*
AMD Athlon II X2 210e	1486	2076	NA	NA
AMD Athlon II X2 215	1566	2038	130.61	\$11.99*
AMD Athlon II X2 220	1634	2008	50.79	\$32.19
AMD Athlon II X2 225	1526	2053	NA	NA
AMD Athlon II X2 235e	1658	1996	9.12	\$181.88*
AMD Athlon II X2 240	1644	2002	47.04	\$34.95
AMD Athlon II X2 240e	1697	1967	48.58	\$34.95*
AMD Athlon II X2 245	1661	1992	47.54	\$34.95*
AMD Athlon II X2 245e	1714	1954	21.43	\$80.00*
AMD Athlon II X2 250	1739	1941	44.65	\$38.95
AMD Athlon II X2 250e	1939	1843	25.28	\$76.73*
AMD Athlon II X2 250u	1004	2340	28.74	\$34.95*
AMD Athlon II X2 255	1842	1894	28.25	\$65.22*
AMD Athlon II X2 260	1878	1876	93.96	\$19.99*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 260u	1107	2283	13.28	\$83.44*
AMD Athlon II X2 265	1892	1868	22.84	\$82.88*
AMD Athlon II X2 270	1975	1824	82.36	\$23.99*
AMD Athlon II X2 270u	1285	2177	18.99	\$67.67*
AMD Athlon II X2 280	2128	1757	21.29	\$99.99*
AMD Athlon II X2 4300e	1483	2079	NA	NA
AMD Athlon II X2 4400e	1632	2010	NA	NA
AMD Athlon II X2 4450e	1504	2067	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 B22	1715	1952	41.16	\$41.69*
AMD Athlon II X2 B24	1783	1922	44.64	\$39.95
AMD Athlon II X2 B26	1903	1862	42.36	\$44.95
AMD Athlon II X2 B28	2085	1775	42.52	\$49.05*
AMD Athlon II X3 400e	2000	1812	18.62	\$107.43*
AMD Athlon II X3 405e	2000	1814	25.00	\$79.99*
AMD Athlon II X3 415e	2224	1723	29.66	\$75.00*
AMD Athlon II X3 420e	2285	1690	19.68	\$116.15*
AMD Athlon II X3 425	2315	1677	85.80	\$26.99*
AMD Athlon II X3 425e	2239	1714	NA	NA
AMD Athlon II X3 435	2470	1624	82.37	\$29.99*
AMD Athlon II X3 440	2567	1586	95.13	\$26.99*
AMD Athlon II X3 445	2573	1584	28.28	\$91.00*
AMD Athlon II X3 450	2621	1566	68.89	\$38.05
AMD Athlon II X3 455	2763	1523	70.87	\$38.99*
AMD Athlon II X3 460	2864	1490	73.46	\$38.99*
AMD Athlon II X4 553	3814	1206	NA	NA
AMD Athlon II X4 555	3830	1201	NA	NA
AMD Athlon II X4 559	4124	1144	NA	NA
AMD Athlon II X4 600e	2465	1626	18.93	\$130.23*
AMD Athlon II X4 605e	2715	1539	26.68	\$101.80*
AMD Athlon II X4 610e	2793	1509	39.92	\$69.99*
AMD Athlon II X4 615e	2899	1480	49.15	\$59.00*
AMD Athlon II X4 620	2928	1465	48.85	\$59.95
AMD Athlon II X4 620e	2906	1473	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon II X4 630</u>	3130	1395	<u>49.73</u>	<u>\$62.95</u>
<u>AMD Athlon II X4 631 Quad-Core</u>	3145	1393	<u>39.31</u>	<u>\$80.00*</u>
<u>AMD Athlon II X4 635</u>	3230	1360	<u>46.19</u>	<u>\$69.95</u>
<u>AMD Athlon II X4 638 Quad-Core</u>	3198	1369	<u>120.73</u>	<u>\$26.49*</u>
<u>AMD Athlon II X4 640</u>	3313	1336	<u>41.45</u>	<u>\$79.95</u>
<u>AMD Athlon II X4 641 Quad-Core</u>	3343	1328	<u>36.54</u>	<u>\$91.50*</u>
<u>AMD Athlon II X4 645</u>	3465	1298	<u>69.32</u>	<u>\$49.99*</u>
<u>AMD Athlon II X4 650</u>	3482	1293	<u>20.90</u>	<u>\$166.60*</u>
<u>AMD Athlon II X4 651 Quad-Core</u>	3575	1268	<u>20.08</u>	<u>\$178.04*</u>
<u>AMD Athlon II X4 655</u>	2998	1439	NA	NA
<u>AMD Athlon II X4 6400e</u>	2594	1572	NA	NA
<u>AMD Athlon L110</u>	303	2829	NA	NA
<u>AMD Athlon LE-1600</u>	557	2576	<u>26.57</u>	<u>\$21.00*</u>
<u>AMD Athlon LE-1620</u>	578	2565	<u>32.12</u>	<u>\$18.00*</u>
<u>AMD Athlon LE-1640</u>	629	2538	NA	NA
<u>AMD Athlon LE-1660</u>	679	2516	NA	NA
<u>AMD Athlon MP</u>	230	2930	<u>18.46</u>	<u>\$12.49*</u>
<u>AMD Athlon MP 1700+</u>	339	2790	NA	NA
<u>AMD Athlon MP 2400+</u>	436	2681	NA	NA
<u>AMD Athlon MP 2800+</u>	497	2616	NA	NA
<u>AMD Athlon Neo MV-40</u>	410	2704	NA	NA
<u>AMD Athlon Neo X2 Dual Core 6850e</u>	1002	2342	NA	NA
<u>AMD Athlon Neo X2 Dual Core L325</u>	776	2468	NA	NA
<u>AMD Athlon Neo X2 Dual Core L335</u>	828	2446	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon PRO 200GE</u>	5133	937	NA	NA
<u>AMD Athlon PRO 300GE</u>	5554	871	NA	NA
<u>AMD Athlon QI-46</u>	473	2641	NA	NA
<u>AMD Athlon TF-20</u>	413	2700	NA	NA
<u>AMD Athlon TF-36</u>	395	2727	NA	NA
<u>AMD Athlon X2 215</u>	1543	2046	NA	NA
<u>AMD Athlon X2 235e</u>	1806	1909	NA	NA
<u>AMD Athlon X2 240</u>	1611	2018	NA	NA
<u>AMD Athlon X2 240e</u>	1670	1980	NA	NA

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AMD Athlon X2 250	1696	1969	NA	NA
AMD Athlon X2 255	1627	2011	NA	NA
AMD Athlon X2 280	2303	1685	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1938	1844	38.78	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1707	NA	NA
AMD Athlon X2 440	1424	2103	NA	NA
AMD Athlon X2 Dual Core 3250e	778	2467	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2345	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2404	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2280	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2219	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2202	NA	NA
AMD Athlon X2 Dual Core L310	645	2529	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2336	NA	NA
AMD Athlon X3 425	2191	1735	NA	NA
AMD Athlon X3 435	2574	1583	26.96	\$95.49*
AMD Athlon X3 440	2078	1777	23.62	\$87.99*
AMD Athlon X3 445	2314	1678	NA	NA
AMD Athlon X3 455	2401	1647	NA	NA
AMD Athlon X4 605e	2505	1612	NA	NA
AMD Athlon X4 620	2861	1491	47.74	\$59.95
AMD Athlon X4 635	2891	1482	23.71	\$121.99*
AMD Athlon X4 640	3172	1379	NA	NA
AMD Athlon X4 740 Quad Core	4034	1158	14.57	\$277.00*
AMD Athlon X4 750 Quad Core	4400	1087	NA	NA
AMD Athlon X4 750K Quad Core	4275	1111	55.54	\$76.99*
AMD Athlon X4 760K Quad Core	4604	1042	109.68	\$41.98*
AMD Athlon X4 830	4701	1021	NA	NA
AMD Athlon X4 840	5069	947	64.38	\$78.74*
AMD Athlon X4 845	5398	895	101.62	\$53.13*
AMD Athlon X4 860K	5409	892	40.09	\$134.95*
AMD Athlon X4 870K	5325	912	66.57	\$79.99*
AMD Athlon X4 880K	5569	868	55.70	\$99.99*
AMD Athlon X4 950	5235	921	52.39	\$99.95

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon XP1600+</u>	281	2872	NA	NA
<u>AMD Athlon XP1900+</u>	353	2777	NA	NA
<u>AMD Athlon XP2100+</u>	287	2861	NA	NA
<u>AMD Athlon XP2200+</u>	401	2719	NA	NA
<u>AMD Athlon XP2400+</u>	374	2749	NA	NA
<u>AMD Athlon XP 1500</u>	282	2871	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon XP 1500+</u>	257	2901	NA	NA
<u>AMD Athlon XP 1600+</u>	267	2891	NA	NA
<u>AMD Athlon XP 1700</u>	344	2787	NA	NA
<u>AMD Athlon XP 1700+</u>	271	2887	<u>4.43</u>	<u>\$61.25*</u>
<u>AMD Athlon XP 1800+</u>	300	2836	<u>5.10</u>	<u>\$58.95*</u>
<u>AMD Athlon XP 1900+</u>	312	2820	NA	NA
<u>AMD Athlon XP 2000+</u>	300	2837	<u>12.01</u>	<u>\$24.99*</u>
<u>AMD Athlon XP 2100+</u>	323	2804	NA	NA
<u>AMD Athlon XP 2200+</u>	328	2803	<u>3.87</u>	<u>\$84.95*</u>
<u>AMD Athlon XP 2300+</u>	464	2647	NA	NA
<u>AMD Athlon XP 2400+</u>	360	2770	<u>4.01</u>	<u>\$89.99*</u>
<u>AMD Athlon XP 2500+</u>	355	2774	NA	NA
<u>AMD Athlon XP 2600+</u>	372	2754	<u>16.18</u>	<u>\$23.03*</u>
<u>AMD Athlon XP 2700+</u>	393	2730	<u>4.64</u>	<u>\$84.79*</u>
<u>AMD Athlon XP 2800+</u>	400	2721	NA	NA
<u>AMD Athlon XP 2900+</u>	424	2694	NA	NA
<u>AMD Athlon XP 3000+</u>	402	2717	<u>5.06</u>	<u>\$79.70*</u>
<u>AMD Athlon XP 3100+</u>	433	2685	NA	NA
<u>AMD Athlon XP 3200+</u>	432	2686	NA	NA
<u>AMD Athlon XP 3400+</u>	570	2572	NA	NA
<u>AMD Athlon XP Pro3+</u>	367	2761	NA	NA
<u>AMD Athlon XP-M</u>	541	2585	<u>15.48</u>	<u>\$34.95*</u>
<u>AMD C-30</u>	310	2822	NA	NA
<u>AMD C-50</u>	462	2649	NA	NA
<u>AMD C-60</u>	466	2644	NA	NA
<u>AMD C-60 APU</u>	544	2579	NA	NA
<u>AMD C-70 APU</u>	558	2575	NA	NA

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<u>AMD E1-Micro-6200T APU</u>	960	2373	NA	NA
<u>AMD E1-1200 APU</u>	654	2526	NA	NA
<u>AMD E1-1500 APU</u>	689	2511	NA	NA
<u>AMD E1-2100 APU</u>	642	2534	NA	NA
<u>AMD E1-2200 APU</u>	767	2471	NA	NA
<u>AMD E1-2500 APU</u>	895	2418	NA	NA
<u>AMD E1-6010 APU</u>	869	2424	NA	NA
<u>AMD E1-6015 APU</u>	900	2414	NA	NA
<u>AMD E1-7010 APU</u>	1017	2333	NA	NA
<u>AMD E2-1800 APU</u>	814	2453	NA	NA
<u>AMD E2-2000 APU</u>	825	2447	NA	NA
<u>AMD E2-3000 APU</u>	1140	2267	NA	NA
<u>AMD E2-3000M APU</u>	1092	2289	<u>54.62</u>	<u>\$20.00*</u>
<u>AMD E2-3200 APU</u>	1381	2122	<u>172.96</u>	<u>\$7.99*</u>
<u>AMD E2-3800 APU</u>	1645	2000	NA	NA
<u>AMD E2-6110 APU</u>	1919	1853	NA	NA
<u>AMD E2-7110 APU</u>	2293	1686	NA	NA
<u>AMD E2-9000</u>	1646	1999	NA	NA
<u>AMD E2-9000e</u>	1315	2155	NA	NA
<u>AMD E2-9010</u>	1636	2006	NA	NA
<u>AMD E2-9030</u>	1515	2061	NA	NA
<u>AMD E-240</u>	318	2810	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD E-300 APU</u>	609	2546	NA	NA
<u>AMD E-350</u>	745	2485	NA	NA
<u>AMD E-350 APU</u>	759	2478	NA	NA
<u>AMD E-350D APU</u>	726	2491	NA	NA
<u>AMD E-450 APU</u>	765	2472	NA	NA
<u>AMD Embedded G-Series GX-215JJ Radeon R2E</u>	1764	1929	NA	NA
<u>AMD Embedded G-Series GX-224IJ Radeon R4E</u>	2088	1771	NA	NA
<u>AMD Embedded G-Series GX-420GI Radeon R7E</u>	2533	1600	NA	NA
<u>AMD Embedded R-Series RX-216GD</u>	2409	1645	NA	NA

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<u>AMD Embedded R-Series RX-418GD Radeon R6</u>	5068	948	NA	NA
<u>AMD Embedded R-Series RX-421BD</u>	4635	1031	NA	NA
<u>AMD EPYC 3201</u>	9634	442	NA	NA
<u>AMD EPYC 3251</u>	11690	307	<u>37.11</u>	<u>\$315.00*</u>
<u>AMD EPYC 7251</u>	11811	303	<u>19.71</u>	<u>\$599.30</u>
<u>AMD EPYC 7262</u>	20691	83	<u>30.96</u>	<u>\$668.43</u>
<u>AMD EPYC 7301</u>	14978	199	<u>21.63</u>	<u>\$692.35</u>
<u>AMD EPYC 7302P</u>	30626	15	<u>32.15</u>	<u>\$952.52</u>
<u>AMD EPYC 7351</u>	18081	126	<u>23.75</u>	<u>\$761.34</u>
<u>AMD EPYC 7351P</u>	14887	203	<u>18.23</u>	<u>\$816.65</u>
<u>AMD EPYC 7371</u>	22071	64	<u>14.24</u>	<u>\$1,550.00*</u>
<u>AMD EPYC 7401P</u>	20221	91	<u>20.02</u>	<u>\$1,010.00</u>
<u>AMD EPYC 7402P</u>	28291	22	<u>19.74</u>	<u>\$1,433.44</u>
<u>AMD EPYC 7451</u>	15760	181	<u>12.51</u>	<u>\$1,259.89</u>
<u>AMD EPYC 7452</u>	38257	5	<u>16.34</u>	<u>\$2,341.27</u>
<u>AMD EPYC 7501</u>	18942	113	<u>7.06</u>	<u>\$2,683.80</u>
<u>AMD EPYC 7502P</u>	27437	28	<u>10.44</u>	<u>\$2,628.06</u>
<u>AMD EPYC 7551</u>	18483	118	<u>10.07</u>	<u>\$1,835.94</u>
<u>AMD EPYC 7551P</u>	18443	119	<u>10.05</u>	<u>\$1,835.94</u>
<u>AMD EPYC 7571</u>	20858	82	NA	NA
<u>AMD EPYC 7702P</u>	46067	3	<u>10.41</u>	<u>\$4,425.00*</u>
<u>AMD EPYC 7742</u>	47365	2	<u>5.49</u>	<u>\$8,622.86</u>
<u>AMD FirePro A320 APU</u>	4540	1057	NA	NA
<u>AMD FX-670K Quad-Core</u>	4550	1054	NA	NA
<u>AMD FX-770K Quad-Core</u>	4819	1002	NA	NA
<u>AMD FX-870K Quad Core</u>	5021	962	NA	NA
<u>AMD FX-4100 Quad-Core</u>	4076	1151	<u>26.56</u>	<u>\$153.45*</u>
<u>AMD FX-4130 Quad-Core</u>	4163	1136	<u>54.79</u>	<u>\$75.99*</u>
<u>AMD FX-4150 Quad-Core</u>	4594	1044	NA	NA
<u>AMD FX-4170 Quad-Core</u>	4873	991	<u>48.74</u>	<u>\$99.99*</u>
<u>AMD FX-4200 Quad-Core</u>	4270	1114	<u>18.71</u>	<u>\$228.21*</u>
<u>AMD FX-4300 Quad-Core</u>	4699	1023	<u>55.92</u>	<u>\$84.04</u>
<u>AMD FX-4320</u>	5011	966	NA	NA
<u>AMD FX-4330</u>	5228	900	NA	NA

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AMD FX-4350 Quad-Core	5342	905	12.43	\$430.00
AMD FX-6100 Six-Core	5405	893	20.95	\$258.00*
AMD FX-6120 Six-Core	5754	843	NA	NA
AMD FX-6130 Six-Core	6215	788	NA	NA
AMD FX-6200 Six-Core	6109	799	17.97	\$339.95
AMD FX-6300 Six-Core	6410	771	30.53	\$209.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-6330 Six-Core	6954	714	NA	NA
AMD FX-6350 Six-Core	7022	707	58.49	\$120.06*
AMD FX-7500 APU	3206	1366	NA	NA
AMD FX-7600P	4039	1156	NA	NA
AMD FX-7600P APU	4627	1033	NA	NA
AMD FX-8100 Eight-Core	5884	823	41.44	\$142.00*
AMD FX-8120 Eight-Core	6647	748	29.85	\$222.73*
AMD FX-8140 Eight-Core	6133	796	NA	NA
AMD FX-8150 Eight-Core	7656	649	5.30	\$1,443.99
AMD FX-8300 Eight-Core	7775	637	64.80	\$119.99*
AMD FX-8310 Eight-Core	7738	642	NA	NA
AMD FX-8320 Eight-Core	8037	601	58.24	\$138.01*
AMD FX-8320E Eight-Core	7580	657	31.69	\$239.24
AMD FX-8350 Eight-Core	8958	511	32.00	\$279.95
AMD FX-8370 Eight-Core	9048	499	36.20	\$250.00*
AMD FX-8370E Eight-Core	7872	623	24.60	\$320.09
AMD FX-8800P	4197	1128	NA	NA
AMD FX-9370 Eight-Core	9464	454	17.05	\$555.00
AMD FX-9590 Eight-Core	10187	384	22.15	\$459.95
AMD FX-9800P	3963	1171	NA	NA
AMD FX-9830P	4781	1009	NA	NA
AMD FX-B4150 Quad-Core	4611	1039	NA	NA
AMD G-T40E	467	2643	NA	NA
AMD G-T40N	516	2602	NA	NA
AMD G-T40R	203	2956	NA	NA
AMD G-T44R	229	2931	NA	NA
AMD G-T48F	667	2521	NA	NA

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<u>AMD G-T52R</u>	308	2824	NA	NA
<u>AMD G-T56E</u>	751	2481	NA	NA
<u>AMD G-T56N</u>	796	2462	NA	NA
<u>AMD Geode NX</u>	264	2894	NA	NA
<u>AMD Geode NX 1750</u>	291	2850	NA	NA
<u>AMD GX-210JA SOC</u>	401	2720	NA	NA
<u>AMD GX-212JC SOC</u>	943	2390	NA	NA
<u>AMD GX-217GA SOC</u>	1113	2276	NA	NA
<u>AMD GX-218GL SOC</u>	1207	2224	NA	NA
<u>AMD GX-222GC SOC</u>	1255	2197	NA	NA
<u>AMD GX-412HC</u>	1503	2069	NA	NA
<u>AMD GX-415GA SOC</u>	1982	1820	NA	NA
<u>AMD GX-420CA SOC</u>	2412	1643	NA	NA
<u>AMD GX-424CC SOC</u>	2497	1615	NA	NA
<u>AMD K7</u>	403	2714	NA	NA
<u>AMD Opteron 140</u>	396	2725	<u>0.62</u>	<u>\$640.00</u>
<u>AMD Opteron 142</u>	428	2690	NA	NA
<u>AMD Opteron 144</u>	486	2625	<u>7.48</u>	<u>\$65.00*</u>
<u>AMD Opteron 146</u>	532	2588	<u>8.87</u>	<u>\$59.99*</u>
<u>AMD Opteron 148</u>	603	2551	NA	NA
<u>AMD Opteron 150</u>	604	2549	NA	NA
<u>AMD Opteron 152</u>	658	2523	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Opteron 154</u>	703	2504	NA	NA
<u>AMD Opteron 165</u>	899	2416	<u>1.63</u>	<u>\$550.00</u>
<u>AMD Opteron 170</u>	1097	2284	NA	NA
<u>AMD Opteron 175</u>	1167	2250	NA	NA
<u>AMD Opteron 180</u>	1236	2208	<u>9.51</u>	<u>\$129.95*</u>
<u>AMD Opteron 185</u>	1342	2143	NA	NA
<u>AMD Opteron 246</u>	632	2537	<u>31.62</u>	<u>\$19.99*</u>
<u>AMD Opteron 248</u>	476	2638	<u>4.77</u>	<u>\$99.95</u>
<u>AMD Opteron 250</u>	649	2527	<u>59.01</u>	<u>\$11.00*</u>
<u>AMD Opteron 252</u>	760	2476	<u>12.00</u>	<u>\$63.36*</u>
<u>AMD Opteron 254</u>	693	2508	NA	NA

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AMD Opteron 256	963	2367	50.72	\$19.00*
AMD Opteron 265	963	2368	13.20	\$73.00
AMD Opteron 270	1170	2246	1.93	\$607.47*
AMD Opteron 275	1291	2172	15.74	\$82.05*
AMD Opteron 280	1176	2240	18.10	\$65.00*
AMD Opteron 285	1470	2084	18.39	\$79.95
AMD Opteron 290	1464	2086	10.85	\$135.00*
AMD Opteron 1210	923	2401	14.21	\$65.00
AMD Opteron 1210 HE	971	2361	NA	NA
AMD Opteron 1212	1009	2337	3.48	\$290.00*
AMD Opteron 1212 HE	1308	2161	NA	NA
AMD Opteron 1214	1191	2231	4.11	\$290.00*
AMD Opteron 1214 HE	1299	2165	NA	NA
AMD Opteron 1216	1311	2159	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2245	NA	NA
AMD Opteron 1218	1468	2085	NA	NA
AMD Opteron 1218 HE	1444	2094	NA	NA
AMD Opteron 1220	1661	1993	NA	NA
AMD Opteron 1222	1757	1932	NA	NA
AMD Opteron 1352	2316	1675	17.04	\$135.99*
AMD Opteron 1354	2630	1562	19.49	\$135.00*
AMD Opteron 1356	2765	1522	30.73	\$89.99*
AMD Opteron 1381	3065	1420	NA	NA
AMD Opteron 2212	1270	2191	63.53	\$20.00*
AMD Opteron 2214	1358	2136	46.85	\$29.00*
AMD Opteron 2214 HE	1415	2106	NA	NA
AMD Opteron 2216	1518	2059	56.64	\$26.80
AMD Opteron 2218	1594	2028	19.94	\$79.95
AMD Opteron 2220	1701	1965	21.29	\$79.95
AMD Opteron 2220 SE	1398	2112	55.92	\$25.00*
AMD Opteron 2222	1843	1893	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1854	NA	NA
AMD Opteron 2350	2820	1502	35.28	\$79.95*
AMD Opteron 2354	2450	1630	7.38	\$332.03*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2356	2814	1503	54.12	\$52.00*
AMD Opteron 2373 EE	2789	1513	NA	NA
AMD Opteron 2374 HE	2951	1454	45.40	\$65.00
AMD Opteron 2376	2283	1692	13.69	\$166.81*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2378	3179	1375	17.76	\$179.00*
AMD Opteron 2380	2640	1560	58.69	\$45.00
AMD Opteron 2384	3538	1274	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1275	NA	NA
AMD Opteron 2393 SE	2246	1708	NA	NA
AMD Opteron 2427	3069	1418	47.22	\$65.00
AMD Opteron 2431	4516	1060	112.91	\$40.00*
AMD Opteron 2435	4708	1020	72.44	\$65.00
AMD Opteron 3250 HE	2942	1458	29.73	\$99.00*
AMD Opteron 3260 HE	3259	1350	NA	NA
AMD Opteron 3280	5533	875	20.26	\$273.18*
AMD Opteron 3320 EE	2675	1549	NA	NA
AMD Opteron 3350 HE	4186	1131	NA	NA
AMD Opteron 3365	6088	808	NA	NA
AMD Opteron 3380	6384	774	7.89	\$809.00*
AMD Opteron 4122	2942	1459	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1381	NA	NA
AMD Opteron 4170 HE	3664	1249	62.11	\$59.00*
AMD Opteron 4184	4418	1083	8.50	\$519.95*
AMD Opteron 4280	6430	768	128.60	\$50.00*
AMD Opteron 4284	6660	747	111.03	\$59.99*
AMD Opteron 4332 HE	5614	860	NA	NA
AMD Opteron 4334	6099	803	28.18	\$216.42*
AMD Opteron 4365 EE	5025	961	NA	NA
AMD Opteron 4386	6761	733	48.30	\$139.99*
AMD Opteron 6128	4505	1063	237.24	\$18.99
AMD Opteron 6134	2938	1460	66.81	\$43.99*
AMD Opteron 6136	4631	1032	42.10	\$110.00*
AMD Opteron 6164 HF	5351	904	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6172	5261	917	26.57	\$198.00*
AMD Opteron 6174	6171	792	94.94	\$65.00
AMD Opteron 6176 SE	5465	886	34.37	\$159.00*
AMD Opteron 6212	5776	836	192.62	\$29.99*
AMD Opteron 6220	6785	729	113.11	\$59.99*
AMD Opteron 6234	5938	820	198.27	\$29.95*
AMD Opteron 6238	7673	648	21.32	\$359.89*
AMD Opteron 6272	6748	736	96.42	\$69.99
AMD Opteron 6274	4865	993	108.15	\$44.99
AMD Opteron 6276	8889	520	52.60	\$169.00
AMD Opteron 6282 SE	9116	489	14.24	\$640.00
AMD Opteron 6287 SE	9789	423	NA	NA
AMD Opteron 6328	7813	631	21.76	\$359.00
AMD Opteron 6344	9372	463	24.09	\$389.00*
AMD Opteron 6366 HE	7503	661	250.19	\$29.99*
AMD Opteron 6376	9212	482	141.72	\$65.00
AMD Opteron 6378	9094	490	47.87	\$190.00
AMD Opteron 6380	10081	392	170.88	\$59.00
AMD Opteron 6386 SE	10912	336	75.26	\$144.99
AMD Opteron 8354	2255	1705	90.22	\$25.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 8439 SE	3813	1207	63.56	\$60.00*
AMD Opteron X2170 APU	3059	1422	NA	NA
AMD Opteron X3216 APU	2292	1687	NA	NA
AMD Opteron X3418 APU	4548	1055	NA	NA
AMD Opteron X3421 APU	4793	1008	NA	NA
AMD Phenom 2 X4 12000	3005	1436	NA	NA
AMD Phenom 7950 Quad-Core	2991	1441	NA	NA
AMD Phenom 8250 Triple-Core	1668	1984	NA	NA
AMD Phenom 8250e Triple-Core	1635	2007	34.81	\$46.99*
AMD Phenom 8400 Triple-Core	1632	2009	NA	NA
AMD Phenom 8450 Triple-Core	1888	1872	63.07	\$29.95*
AMD Phenom 8450e Triple-Core	2026	1801	NA	NA
AMD Phenom 8600 Triple-Core	1675	1977	31.62	\$52.99*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Phenom 8600B Triple-Core</u>	1919	1855	<u>36.22</u>	<u>\$52.99*</u>
<u>AMD Phenom 8650 Triple-Core</u>	1985	1817	<u>39.71</u>	<u>\$49.99*</u>
<u>AMD Phenom 8750 Triple-Core</u>	2058	1791	NA	NA
<u>AMD Phenom 8750B Triple-Core</u>	2034	1796	NA	NA
<u>AMD Phenom 8850 Triple-Core</u>	1968	1829	NA	NA
<u>AMD Phenom 8850B Triple-Core</u>	2080	1776	NA	NA
<u>AMD Phenom 9100e Quad-Core</u>	1833	1899	<u>45.89</u>	<u>\$39.95*</u>
<u>AMD Phenom 9150e Quad-Core</u>	2112	1762	<u>52.87</u>	<u>\$39.95*</u>
<u>AMD Phenom 9350e Quad-Core</u>	2320	1673	<u>0.69</u>	<u>\$3,382.07*</u>
<u>AMD Phenom 9450e Quad-Core</u>	2599	1571	<u>24.76</u>	<u>\$105.00*</u>
<u>AMD Phenom 9500 Quad-Core</u>	2202	1730	<u>75.97</u>	<u>\$28.99*</u>
<u>AMD Phenom 9550 Quad-Core</u>	2544	1595	<u>87.78</u>	<u>\$28.99*</u>
<u>AMD Phenom 9600 Quad-Core</u>	2303	1684	<u>46.12</u>	<u>\$49.95*</u>
<u>AMD Phenom 9600B Quad-Core</u>	2575	1582	<u>17.50</u>	<u>\$147.19*</u>
<u>AMD Phenom 9650 Quad-Core</u>	2633	1561	<u>58.59</u>	<u>\$44.95*</u>
<u>AMD Phenom 9750 Quad-Core</u>	2811	1505	<u>95.33</u>	<u>\$29.49*</u>
<u>AMD Phenom 9750B Quad-Core</u>	2709	1541	NA	NA
<u>AMD Phenom 9850 Quad-Core</u>	2886	1484	<u>24.06</u>	<u>\$119.99*</u>
<u>AMD Phenom 9850B Quad-Core</u>	3160	1386	NA	NA
<u>AMD Phenom 9950 Quad-Core</u>	3009	1432	<u>22.30</u>	<u>\$134.99*</u>
<u>AMD Phenom FX-5000 Quad-Core</u>	2517	1604	NA	NA
<u>AMD Phenom FX-5200 Quad-Core</u>	2948	1456	NA	NA
<u>AMD Phenom FX-7750 Quad-Core</u>	3616	1254	NA	NA
<u>AMD Phenom II 42 TWKR Black Edition</u>	3489	1291	NA	NA
<u>AMD Phenom II N620 Dual-Core</u>	1686	1974	<u>422.70</u>	<u>\$3.99*</u>
<u>AMD Phenom II N640 Dual-Core</u>	1722	1947	<u>26.53</u>	<u>\$64.95*</u>
<u>AMD Phenom II N660 Dual-Core</u>	1844	1892	<u>18.64</u>	<u>\$99.00*</u>
<u>AMD Phenom II N830 3+1</u>	2652	1556	NA	NA
<u>AMD Phenom II N830 Triple-Core</u>	1890	1871	NA	NA
<u>AMD Phenom II N850 Triple-Core</u>	1934	1846	<u>77.38</u>	<u>\$25.00*</u>
<u>AMD Phenom II N870 Triple-Core</u>	2000	1813	NA	NA
<u>AMD Phenom II N930 Quad-Core</u>	2274	1696	<u>17.50</u>	<u>\$129.95*</u>
<u>AMD Phenom II N950 Quad-Core</u>	2482	1621	<u>22.04</u>	<u>\$112.60*</u>
<u>AMD Phenom II N970 Quad-Core</u>	2514	1607	<u>16.77</u>	<u>\$149.99*</u>

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<u>AMD Phenom II P650 Dual-Core</u>	1579	2032	<u>45.12</u>	<u>\$35.00*</u>
<u>AMD Phenom II P820 Triple-Core</u>	1602	2023	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Phenom II P840 Triple-Core</u>	1713	1956	NA	NA
<u>AMD Phenom II P860 Triple-Core</u>	1756	1933	NA	NA
<u>AMD Phenom II P920 Quad-Core</u>	1872	1879	<u>24.96</u>	<u>\$75.00*</u>
<u>AMD Phenom II P940 Quad-Core</u>	1831	1901	NA	NA
<u>AMD Phenom II P960 Quad-Core</u>	2085	1773	<u>74.49</u>	<u>\$28.00*</u>
<u>AMD Phenom II X2 511</u>	2104	1767	NA	NA
<u>AMD Phenom II X2 521</u>	2071	1780	NA	NA
<u>AMD Phenom II X2 545</u>	1918	1857	<u>43.62</u>	<u>\$43.98*</u>
<u>AMD Phenom II X2 550</u>	2023	1803	<u>40.48</u>	<u>\$49.99*</u>
<u>AMD Phenom II X2 555</u>	2043	1793	<u>73.03</u>	<u>\$27.98*</u>
<u>AMD Phenom II X2 560</u>	2062	1787	<u>31.74</u>	<u>\$64.99*</u>
<u>AMD Phenom II X2 565</u>	2225	1721	<u>10.60</u>	<u>\$209.95*</u>
<u>AMD Phenom II X2 570</u>	2068	1783	NA	NA
<u>AMD Phenom II X2 B53</u>	1709	1960	NA	NA
<u>AMD Phenom II X2 B55</u>	1920	1851	<u>40.06</u>	<u>\$47.95*</u>
<u>AMD Phenom II X2 B57</u>	1823	1905	NA	NA
<u>AMD Phenom II X2 B59</u>	2124	1759	<u>48.25</u>	<u>\$44.04*</u>
<u>AMD Phenom II X3 700e</u>	2242	1712	NA	NA
<u>AMD Phenom II X3 705e</u>	2209	1728	<u>14.50</u>	<u>\$152.34*</u>
<u>AMD Phenom II X3 710</u>	2448	1632	<u>28.97</u>	<u>\$84.53*</u>
<u>AMD Phenom II X3 715</u>	2649	1558	<u>31.17</u>	<u>\$84.99*</u>
<u>AMD Phenom II X3 720</u>	2666	1552	<u>38.10</u>	<u>\$69.99*</u>
<u>AMD Phenom II X3 740</u>	2985	1442	<u>33.55</u>	<u>\$88.99*</u>
<u>AMD Phenom II X3 B73</u>	2735	1534	<u>36.47</u>	<u>\$75.00*</u>
<u>AMD Phenom II X3 B75</u>	2878	1488	<u>71.97</u>	<u>\$39.99*</u>
<u>AMD Phenom II X3 B77</u>	3067	1419	<u>137.64</u>	<u>\$22.29*</u>
<u>AMD Phenom II X4 805</u>	2998	1438	<u>17.23</u>	<u>\$173.99*</u>
<u>AMD Phenom II X4 810</u>	3120	1400	<u>26.90</u>	<u>\$115.99*</u>
<u>AMD Phenom II X4 820</u>	3392	1313	<u>45.27</u>	<u>\$74.95</u>
<u>AMD Phenom II X4 830</u>	3434	1305	<u>42.95</u>	<u>\$79.95*</u>
<u>AMD Phenom II X4 840</u>	3508	1287	<u>39.00</u>	<u>\$89.95</u>

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AMD Phenom II X4 840T	3596	1261	51.39	\$69.99*
AMD Phenom II X4 850	3549	1270	54.62	\$64.99*
AMD Phenom II X4 900e	2882	1487	NA	NA
AMD Phenom II X4 905e	3080	1414	57.06	\$53.99*
AMD Phenom II X4 910	3246	1355	32.46	\$100.00*
AMD Phenom II X4 910e	3254	1352	20.73	\$156.99*
AMD Phenom II X4 920	3389	1316	42.38	\$79.99*
AMD Phenom II X4 925	3411	1307	77.55	\$43.99*
AMD Phenom II X4 940	3587	1266	60.45	\$59.34*
AMD Phenom II X4 945	3650	1251	53.60	\$68.11
AMD Phenom II X4 955	3914	1189	30.08	\$130.16*
AMD Phenom II X4 960T	3772	1214	8.04	\$469.00
AMD Phenom II X4 965	4175	1134	49.71	\$84.01*
AMD Phenom II X4 970	4312	1107	29.12	\$148.11*
AMD Phenom II X4 973	3759	1220	NA	NA
AMD Phenom II X4 975	4445	1079	31.82	\$139.69*
AMD Phenom II X4 977	3750	1225	NA	NA
AMD Phenom II X4 980	4488	1069	19.52	\$229.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 8700e	2377	1658	NA	NA
AMD Phenom II X4 B05e	2792	1510	NA	NA
AMD Phenom II X4 B15e	2736	1533	NA	NA
AMD Phenom II X4 B25	3297	1341	NA	NA
AMD Phenom II X4 B35	3387	1318	NA	NA
AMD Phenom II X4 B40	3352	1325	NA	NA
AMD Phenom II X4 B45	3473	1295	NA	NA
AMD Phenom II X4 B50	3696	1240	NA	NA
AMD Phenom II X4 B55	3852	1197	NA	NA
AMD Phenom II X4 B60	4032	1159	NA	NA
AMD Phenom II X4 B65	4172	1135	NA	NA
AMD Phenom II X4 B70	4261	1116	NA	NA
AMD Phenom II X4 B93	3345	1326	NA	NA
AMD Phenom II X4 B95	3676	1244	50.40	\$72.95*
AMD Phenom II X4 B97	3863	1191	67.80	\$56.99*

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<u>AMD Phenom II X4 B99</u>	4126	1142	NA	NA
<u>AMD Phenom II X6 1035T</u>	4664	1026	<u>24.68</u>	<u>\$189.00*</u>
<u>AMD Phenom II X6 1045T</u>	4793	1007	<u>44.38</u>	<u>\$108.01*</u>
<u>AMD Phenom II X6 1055T</u>	4964	974	<u>45.52</u>	<u>\$109.05*</u>
<u>AMD Phenom II X6 1065T</u>	5028	960	NA	NA
<u>AMD Phenom II X6 1075T</u>	5325	911	<u>47.13</u>	<u>\$112.99*</u>
<u>AMD Phenom II X6 1090T</u>	5555	870	<u>36.06</u>	<u>\$154.04*</u>
<u>AMD Phenom II X6 1100T</u>	5704	849	<u>32.14</u>	<u>\$177.49*</u>
<u>AMD Phenom II X6 1405T</u>	5042	956	NA	NA
<u>AMD Phenom II X620 Dual-Core</u>	2189	1736	NA	NA
<u>AMD Phenom II X640 Dual-Core</u>	2021	1805	NA	NA
<u>AMD Phenom II X920 Quad-Core</u>	2650	1557	NA	NA
<u>AMD Phenom II X940 Quad-Core</u>	2695	1543	NA	NA
<u>AMD Phenom Ultra X4 24500</u>	3945	1179	NA	NA
<u>AMD Phenom X2 Dual-Core GE-4060</u>	1697	1968	NA	NA
<u>AMD Phenom X2 Dual-Core GE-5560</u>	2206	1729	NA	NA
<u>AMD Phenom X2 Dual-Core GE-7060</u>	1752	1935	NA	NA
<u>AMD Phenom X2 Dual-Core GP-5000</u>	1180	2238	NA	NA
<u>AMD Phenom X2 Dual-Core GP-7730</u>	1435	2096	NA	NA
<u>AMD Phenom X3 8550</u>	1931	1848	<u>11.36</u>	<u>\$169.95*</u>
<u>AMD Phenom X4 Quad-Core GP-9500</u>	1757	1931	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9530</u>	1994	1815	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9600</u>	2235	1716	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9730</u>	2897	1481	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9830</u>	2715	1538	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9930</u>	2690	1545	NA	NA
<u>AMD Phenom X4 Quad-Core GS-5560</u>	1211	2220	NA	NA
<u>AMD PRO A4-3350B APU</u>	2274	1697	NA	NA
<u>AMD PRO A4-4350B</u>	1502	2070	NA	NA
<u>AMD PRO A4-8350B</u>	2776	1518	NA	NA
<u>AMD PRO A6-7350B</u>	2759	1525	NA	NA
<u>AMD PRO A6-8500B</u>	2516	1605	NA	NA
<u>AMD PRO A6-8530B</u>	2388	1654	NA	NA
<u>AMD PRO A6-8550B</u>	2970	1449	NA	NA

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AMD PRO A6-8570	3088	1411	NA	NA
AMD PRO A6-8570E	2824	1500	NA	NA
AMD PRO A6-9500	2950	1455	39.88	\$74.00*
AMD PRO A6-9500B	2076	1778	NA	NA
AMD PRO A6-9500E	2717	1537	36.73	\$74.00*
AMD PRO A8-8600B	3518	1282	NA	NA
AMD PRO A8-8650B	5223	923	NA	NA
AMD PRO A8-8670E	5015	964	NA	NA
AMD PRO A8-9600	5277	915	44.35	\$119.00*
AMD PRO A8-9600B	3964	1170	NA	NA
AMD PRO A10-8700B	3524	1279	NA	NA
AMD PRO A10-8730B	3953	1174	NA	NA
AMD PRO A10-8750B	5473	883	NA	NA
AMD PRO A10-8770	5707	848	NA	NA
AMD PRO A10-8770E	5035	958	NA	NA
AMD PRO A10-8850B	5852	827	NA	NA
AMD PRO A10-9700	5599	863	33.13	\$169.00*
AMD PRO A10-9700B	4380	1090	NA	NA
AMD PRO A10-9700E	5066	949	36.45	\$139.00*
AMD PRO A12-8800B	4111	1145	NA	NA
AMD PRO A12-8830B	4233	1120	NA	NA
AMD PRO A12-8870	6067	810	NA	NA
AMD PRO A12-8870E	5186	930	NA	NA
AMD PRO A12-9800	6132	797	36.29	\$169.00*
AMD PRO A12-9800B	4102	1148	NA	NA
AMD PRO A12-9800E	4769	1011	28.22	\$169.00*
AMD QC-4000	1663	1990	NA	NA
AMD R-260H APU	1576	2033	NA	NA
AMD R-272F APU	2007	1809	NA	NA
AMD R-460L APU	1954	1837	NA	NA
AMD R-464L APU	3117	1402	NA	NA
AMD RX-427BB	4364	1093	NA	NA
AMD Ryzen 3 1200	6792	727	104.52	\$64.99

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AMD Ryzen 3 1300X	7570	658	54.22	\$139.63
AMD Ryzen 3 2200G	7335	681	86.31	\$84.99
AMD Ryzen 3 2200GE	6909	721	NA	NA
AMD Ryzen 3 2200U	4580	1046	NA	NA
AMD Ryzen 3 2300U	6093	806	NA	NA
AMD Ryzen 3 2300X	8350	573	NA	NA
AMD Ryzen 3 3200G	7864	624	82.79	\$94.99
AMD Ryzen 3 3200U	4573	1049	NA	NA
AMD Ryzen 3 3300U	6143	795	NA	NA
AMD Ryzen 3 PRO 1200	7075	703	NA	NA
AMD Ryzen 3 PRO 1300	7994	610	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	941	NA	NA
AMD Ryzen 3 PRO 2200G	8030	603	NA	NA
AMD Ryzen 3 PRO 2200GE	7460	666	NA	NA
AMD Ryzen 3 PRO 2300U	7063	705	NA	NA
AMD Ryzen 3 PRO 3200G	8528	553	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 3 PRO 3200GE	8266	578	NA	NA
AMD Ryzen 3 PRO 3300U	6765	732	NA	NA
AMD Ryzen 5 1400	8374	570	57.76	\$144.99
AMD Ryzen 5 1500X	10112	390	67.46	\$149.90
AMD Ryzen 5 1600	12296	286	129.43	\$95.00
AMD Ryzen 5 1600X	13203	256	89.82	\$146.99
AMD Ryzen 5 2400G	9327	469	62.19	\$149.99
AMD Ryzen 5 2400GE	9044	500	NA	NA
AMD Ryzen 5 2500U	7336	680	NA	NA
AMD Ryzen 5 2500X	9704	434	NA	NA
AMD Ryzen 5 2600	13505	249	112.62	\$119.92
AMD Ryzen 5 2600H	8366	571	NA	NA
AMD Ryzen 5 2600X	14363	216	104.93	\$136.89
AMD Ryzen 5 3400G	9993	400	68.93	\$144.99
AMD Ryzen 5 3500	14719	205	NA	NA
AMD Ryzen 5 3500U	7786	634	NA	NA
AMD Ryzen 5 3500X	15998	169	NA	NA

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AMD Ryzen 5 3550H	8415	568	NA	NA
AMD Ryzen 5 3580U	8038	600	NA	NA
AMD Ryzen 5 3600	19855	96	104.51	\$189.99
AMD Ryzen 5 3600X	20519	85	85.90	\$238.87
AMD Ryzen 5 PRO 1500	10133	387	NA	NA
AMD Ryzen 5 PRO 1600	12213	290	NA	NA
AMD Ryzen 5 PRO 2400G	9984	403	NA	NA
AMD Ryzen 5 PRO 2400GE	8418	567	NA	NA
AMD Ryzen 5 PRO 2500U	8174	587	NA	NA
AMD Ryzen 5 PRO 2600	14221	219	NA	NA
AMD Ryzen 5 PRO 3400G	10727	348	NA	NA
AMD Ryzen 5 PRO 3400GE	10483	367	NA	NA
AMD Ryzen 5 PRO 3500U	8492	558	NA	NA
AMD Ryzen 5 PRO 3600	21586	71	NA	NA
AMD Ryzen 7 1700	13936	227	48.06	\$289.98
AMD Ryzen 7 1700X	14810	204	72.25	\$204.99
AMD Ryzen 7 1800X	15543	185	74.02	\$209.99
AMD Ryzen 7 2700	15068	196	100.47	\$149.99
AMD Ryzen 7 2700E	13410	252	NA	NA
AMD Ryzen 7 2700U	7414	674	NA	NA
AMD Ryzen 7 2700X	16938	140	94.69	\$178.89
AMD Ryzen 7 2800H	8498	557	NA	NA
AMD Ryzen 7 3700U	7976	616	NA	NA
AMD Ryzen 7 3700X	23836	54	73.35	\$324.99
AMD Ryzen 7 3750H	8896	518	NA	NA
AMD Ryzen 7 3780U	8064	596	NA	NA
AMD Ryzen 7 3800X	24506	48	64.50	\$379.95
AMD Ryzen 7 PRO 1700	14112	223	NA	NA
AMD Ryzen 7 PRO 1700X	15324	189	NA	NA
AMD Ryzen 7 PRO 2700	15178	193	NA	NA
AMD Ryzen 7 PRO 2700U	8873	521	NA	NA
AMD Ryzen 7 PRO 2700X	17161	137	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 PRO 3700	26231	31	NA	NA

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<u>AMD Ryzen 7 PRO 3700U</u>	8487	559	NA	NA
<u>AMD Ryzen 9 3900</u>	30702	14	NA	NA
<u>AMD Ryzen 9 3900X</u>	31942	10	<u>64.79</u>	<u>\$493.00</u>
<u>AMD Ryzen 9 3950X</u>	35718	6	<u>47.63</u>	<u>\$749.99</u>
<u>AMD Ryzen 9 PRO 3900</u>	32899	9	NA	NA
<u>AMD Ryzen Embedded R1505G</u>	4578	1048	NA	NA
<u>AMD Ryzen Embedded V1202B</u>	4447	1076	NA	NA
<u>AMD Ryzen Embedded V1605B</u>	7390	677	NA	NA
<u>AMD Ryzen Embedded V1756B</u>	8559	551	NA	NA
<u>AMD Ryzen Embedded V1807B</u>	8528	555	NA	NA
<u>AMD Ryzen Threadripper 1900X</u>	16030	165	<u>89.06</u>	<u>\$179.99</u>
<u>AMD Ryzen Threadripper 1920X</u>	20091	93	<u>95.68</u>	<u>\$209.99</u>
<u>AMD Ryzen Threadripper 1950X</u>	21956	65	<u>44.81</u>	<u>\$489.99*</u>
<u>AMD Ryzen Threadripper 2920X</u>	21867	68	<u>42.16</u>	<u>\$518.69</u>
<u>AMD Ryzen Threadripper 2950X</u>	25268	41	<u>36.10</u>	<u>\$699.99</u>
<u>AMD Ryzen Threadripper 2970WX</u>	21833	70	<u>23.23</u>	<u>\$939.99</u>
<u>AMD Ryzen Threadripper 2990WX</u>	23226	58	<u>14.98</u>	<u>\$1,549.99</u>
<u>AMD Ryzen Threadripper 2990X</u>	19227	111	NA	NA
<u>AMD Ryzen Threadripper 3960X</u>	45778	4	<u>32.72</u>	<u>\$1,399.00</u>
<u>AMD Ryzen Threadripper 3970X</u>	47809	1	<u>23.92</u>	<u>\$1,999.00</u>
<u>AMD Sempron 130</u>	700	2505	<u>28.03</u>	<u>\$24.99*</u>
<u>AMD Sempron 140</u>	740	2488	<u>18.70</u>	<u>\$39.59*</u>
<u>AMD Sempron 145</u>	806	2459	<u>8.50</u>	<u>\$94.92</u>
<u>AMD Sempron 150</u>	759	2477	<u>16.91</u>	<u>\$44.95*</u>
<u>AMD Sempron 200U</u>	267	2890	<u>3.08</u>	<u>\$87.00*</u>
<u>AMD Sempron 210U</u>	391	2736	NA	NA
<u>AMD Sempron 240</u>	2110	1764	<u>36.39</u>	<u>\$58.00</u>
<u>AMD Sempron 2100+</u>	392	2734	NA	NA
<u>AMD Sempron 2200+</u>	282	2869	<u>9.42</u>	<u>\$29.99*</u>
<u>AMD Sempron 2300+</u>	318	2811	<u>7.07</u>	<u>\$45.00*</u>
<u>AMD Sempron 2400+</u>	314	2818	<u>13.69</u>	<u>\$22.99</u>
<u>AMD Sempron 2500+</u>	334	2795	<u>2.39</u>	<u>\$139.95</u>
<u>AMD Sempron 2600+</u>	374	2751	<u>10.71</u>	<u>\$34.95</u>
<u>AMD Sempron 2650 APU</u>	951	2380	<u>16.18</u>	<u>\$58.79</u>

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AMD Sempron 2800+	383	2741	9.60	\$39.95
AMD Sempron 3000+	408	2708	20.41	\$20.00
AMD Sempron 3100+	452	2661	7.53	\$60.00*
AMD Sempron 3200+	406	2711	3.31	\$122.81
AMD Sempron 3300+	484	2631	4.39	\$110.27*
AMD Sempron 3400+	454	2659	6.50	\$69.98
AMD Sempron 3500+	379	2744	18.98	\$20.00*
AMD Sempron 3600+	483	2633	40.30	\$12.00*
AMD Sempron 3800+	554	2577	3.62	\$152.92*
AMD Sempron 3850 APU	1718	1950	23.57	\$72.90
AMD Sempron Dual Core 2100	936	2393	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2348	NA	NA
AMD Sempron Dual Core 2300	982	2356	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2384	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron Dual Core 4900	1081	2300	NA	NA
AMD Sempron LE-250	490	2620	NA	NA
AMD Sempron LE-1100	437	2679	NA	NA
AMD Sempron LE-1150	439	2676	NA	NA
AMD Sempron LE-1200	529	2591	NA	NA
AMD Sempron LE-1250	543	2582	5.44	\$99.95*
AMD Sempron LE-1300	598	2554	23.92	\$25.00
AMD Sempron LE-1600	535	2587	NA	NA
AMD Sempron LE-1620	635	2535	NA	NA
AMD Sempron LE-1640	759	2479	NA	NA
AMD Sempron M100	566	2573	47.17	\$12.00*
AMD Sempron M120	582	2562	NA	NA
AMD Sempron SI-40	447	2668	37.27	\$12.00*
AMD Sempron SI-42	455	2658	15.19	\$30.01*
AMD Sempron X2 180	1391	2114	20.05	\$69.40*
AMD Sempron X2 190	1534	2051	18.39	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	2107	NA	NA
AMD Turion 64 Mobile MK-36	465	2646	NA	NA
AMD Turion 64 Mobile MK-3R	513	2603	NA	NA

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AMD Turion 64 Mobile ML-28	390	2738	NA	NA
AMD Turion 64 Mobile ML-30	402	2718	NA	NA
AMD Turion 64 Mobile ML-32	402	2716	NA	NA
AMD Turion 64 Mobile ML-34	425	2693	NA	NA
AMD Turion 64 Mobile ML-37	446	2669	2.27	\$196.50*
AMD Turion 64 Mobile ML-40	522	2597	NA	NA
AMD Turion 64 Mobile ML-42	615	2544	NA	NA
AMD Turion 64 Mobile ML-44	591	2555	NA	NA
AMD Turion 64 Mobile MT-28	419	2696	NA	NA
AMD Turion 64 Mobile MT-30	378	2745	NA	NA
AMD Turion 64 Mobile MT-32	426	2692	NA	NA
AMD Turion 64 Mobile MT-34	429	2688	NA	NA
AMD Turion 64 Mobile MT-37	484	2630	NA	NA
AMD Turion 64 Mobile MT-40	536	2586	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2484	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2473	NA	NA
AMD Turion 64 X2 Mobile TL-56	891	2419	63.89	\$13.95*
AMD Turion 64 X2 Mobile TL-58	949	2382	NA	NA
AMD Turion 64 X2 Mobile TL-60	999	2344	62.67	\$15.95*
AMD Turion 64 X2 Mobile TL-62	1092	2290	3.51	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1090	2291	27.69	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2264	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2252	12.92	\$90.00*
AMD Turion Dual-Core RM-70	912	2409	36.49	\$25.00*
AMD Turion Dual-Core RM-72	860	2429	21.52	\$39.99*
AMD Turion Dual-Core RM-74	1016	2334	NA	NA
AMD Turion Dual-Core RM-75	1019	2331	37.11	\$27.46*
AMD Turion II Dual-Core Mobile M500	1294	2169	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2162	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	2146	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II N530 Dual-Core	1567	2037	52.24	\$30.00*
AMD Turion II N550 Dual-Core	1521	2054	NA	NA
AMD Turion II Neo K625 Dual-Core	977	2358	NA	NA

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<u>AMD Turion II Neo K685 Dual-Core</u>	1186	2235	NA	NA
<u>AMD Turion II Neo N40L Dual-Core</u>	930	2396	NA	NA
<u>AMD Turion II Neo N54L Dual-Core</u>	1357	2137	NA	NA
<u>AMD Turion II P520 Dual-Core</u>	1360	2132	NA	NA
<u>AMD Turion II P540 Dual-Core</u>	1432	2099	<u>28.67</u>	<u>\$49.95*</u>
<u>AMD Turion II P560 Dual-Core</u>	1513	2063	NA	NA
<u>AMD Turion II Ultra Dual-Core Mobile M600</u>	1406	2109	<u>52.55</u>	<u>\$26.76*</u>
<u>AMD Turion II Ultra Dual-Core Mobile M620</u>	1435	2097	NA	NA
<u>AMD Turion II Ultra Dual-Core Mobile M640</u>	1670	1979	NA	NA
<u>AMD Turion II Ultra Dual-Core Mobile M660</u>	1533	2052	NA	NA
<u>AMD Turion Neo X2 Dual Core L625</u>	813	2455	NA	NA
<u>AMD Turion X2 Dual Core L510</u>	923	2402	NA	NA
<u>AMD Turion X2 Dual Core Mobile RM-70</u>	858	2430	<u>6.48</u>	<u>\$132.56*</u>
<u>AMD Turion X2 Dual Core Mobile RM-76</u>	1059	2308	NA	NA
<u>AMD Turion X2 Dual-Core Mobile RM-70</u>	994	2352	NA	NA
<u>AMD Turion X2 Dual-Core Mobile RM-72</u>	1084	2294	<u>4.84</u>	<u>\$224.26*</u>
<u>AMD Turion X2 Dual-Core Mobile RM-74</u>	1064	2305	<u>43.52</u>	<u>\$24.47*</u>
<u>AMD Turion X2 Dual-Core Mobile RM-75</u>	1120	2269	NA	NA
<u>AMD Turion X2 Dual-Core Mobile RM-77</u>	1149	2260	NA	NA
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-80</u>	1023	2326	<u>16.51</u>	<u>\$62.00*</u>
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-82</u>	1084	2296	NA	NA
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-84</u>	1209	2223	<u>63.72</u>	<u>\$18.99*</u>
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-85</u>	1234	2209	<u>27.43</u>	<u>\$45.00*</u>
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-86</u>	1295	2168	<u>23.56</u>	<u>\$55.00*</u>
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-87</u>	1211	2221	<u>30.32</u>	<u>\$39.95*</u>
<u>AMD TurionX2 Dual Core Mobile RM-70</u>	997	2346	NA	NA
<u>AMD TurionX2 Dual Core Mobile RM-72</u>	1026	2323	NA	NA
<u>AMD TurionX2 Ultra DualCore Mobile ZM-85</u>	1454	2089	NA	NA
<u>AMD V105</u>	299	2838	NA	NA
<u>AMD V120</u>	623	2542	NA	NA
<u>AMD V140</u>	643	2532	<u>12.89</u>	<u>\$49.95*</u>

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<u>AMD V160</u>	677	2517	NA	NA
<u>AMD Z-01</u>	523	2595	NA	NA
<u>AMD Z-60 APU</u>	500	2613	NA	NA
<u>AMD-K6 3D</u>	90	3014	NA	NA
<u>AMD-K6-III</u>	108	3011	NA	NA
<u>AMD-K7</u>	403	2715	NA	NA
<u>Athlon 64 Dual Core 3800+</u>	1234	2210	NA	NA
<u>Athlon 64 Dual Core 4200+</u>	1156	2256	<u>5.64</u>	<u>\$204.95*</u>
<u>Athlon 64 Dual Core 4800+</u>	1370	2128	NA	NA
<u>Athlon 64 Dual Core 5000+</u>	1507	2065	NA	NA
<u>Athlon 64 Dual Core 5400+</u>	1614	2017	NA	NA
<u>Athlon 64 Dual Core 5600+</u>	1548	2045	NA	NA
<u>Athlon Dual Core 4050e</u>	968	2364	NA	NA
<u>Athlon Dual Core 4450e</u>	1204	2227	NA	NA
<u>Athlon Dual Core 4850e</u>	1346	2141	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Celeron Dual-Core Q8300 @ 2.50GHz</u>	2837	1496	NA	NA
<u>Celeron Dual-Core T3000 @ 1.80GHz</u>	1083	2297	NA	NA
<u>Celeron Dual-Core T3100 @ 1.90GHz</u>	1176	2241	<u>28.00</u>	<u>\$42.00</u>
<u>Celeron Dual-Core T3300 @ 2.00GHz</u>	1200	2229	NA	NA
<u>Celeron Dual-Core T3500 @ 2.10GHz</u>	1273	2187	NA	NA
<u>Dual-Core AMD Opteron 1220 SE</u>	1206	2225	NA	NA
<u>HP Hexa-Core 2.0GHz</u>	2178	1737	<u>4.32</u>	<u>\$504.27*</u>
<u>Intel 2.80GHz</u>	525	2594	NA	NA
<u>Intel 1300 @ 1.66GHz</u>	857	2431	NA	NA
<u>Intel 1400 @ 1.83GHz</u>	980	2357	NA	NA
<u>Intel 1500 @ 2.00GHz</u>	1024	2324	NA	NA
<u>Intel Atom 230 @ 1.60GHz</u>	307	2825	NA	NA
<u>Intel Atom 330 @ 1.60GHz</u>	586	2559	NA	NA
<u>Intel Atom C2338 @ 1.74GHz</u>	898	2417	NA	NA
<u>Intel Atom C2358 @ 1.74GHz</u>	961	2372	NA	NA
<u>Intel Atom C2538 @ 2.40GHz</u>	2085	1774	<u>20.05</u>	<u>\$104.00*</u>
<u>Intel Atom C2550 @ 2.40GHz</u>	2141	1750	NA	NA
<u>Intel Atom C2558 @ 2.40GHz</u>	2169	1740	<u>15.95</u>	<u>\$136.00*</u>

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Intel Atom C2750 @ 2.40GHz	3768	1216	16.24	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1327	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1384	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1627	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1598	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	997	14.62	\$332.00*
Intel Atom C3958 @ 2.00GHz	6586	755	14.67	\$449.00*
Intel Atom D410 @ 1.66GHz	301	2834	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2786	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	658	2525	6.78	\$97.16*
Intel Atom D525 @ 1.80GHz	705	2501	NA	NA
Intel Atom D2500 @ 1.86GHz	408	2706	NA	NA
Intel Atom D2550 @ 1.86GHz	681	2515	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2497	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2440	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2494	NA	NA
Intel Atom E660 @ 1.30GHz	271	2885	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2783	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2800	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2564	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2621	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2436	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2253	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	2068	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1880	NA	NA
Intel Atom E3950 @ 1.60GHz	1864	1882	NA	NA
Intel Atom K510 @ 1.66GHz	658	2524	NA	NA
Intel Atom N270 @ 1.60GHz	269	2889	NA	NA
Intel Atom N280 @ 1.66GHz	282	2870	NA	NA
Intel Atom N435 @ 1.33GHz	261	2897	NA	NA
Intel Atom N450 @ 1.66GHz	296	2844	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N455 @ 1.66GHz	283	2866	NA	NA
Intel Atom N470 @ 1.83GHz	332	2799	NA	NA

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<u>Intel Atom N475 @ 1.83GHz</u>	314	2816	NA	NA
<u>Intel Atom N550 @ 1.50GHz</u>	523	2596	<u>6.09</u>	<u>\$86.00*</u>
<u>Intel Atom N570 @ 1.66GHz</u>	574	2569	<u>6.68</u>	<u>\$86.00*</u>
<u>Intel Atom N2100 @ 1.60GHz</u>	302	2830	NA	NA
<u>Intel Atom N2600 @ 1.60GHz</u>	527	2592	NA	NA
<u>Intel Atom N2800 @ 1.86GHz</u>	625	2541	NA	NA
<u>Intel Atom S1260 @ 2.00GHz</u>	916	2405	<u>14.32</u>	<u>\$64.00*</u>
<u>Intel Atom T5700 @ 1.70GHz</u>	2039	1795	NA	NA
<u>Intel Atom x5-E3930 @ 1.30GHz</u>	811	2456	NA	NA
<u>Intel Atom x5-E8000 @ 1.04GHz</u>	1568	2036	NA	NA
<u>Intel Atom x5-Z8300 @ 1.44GHz</u>	1190	2232	<u>8.95</u>	<u>\$132.99*</u>
<u>Intel Atom x5-Z8330 @ 1.44GHz</u>	1029	2321	NA	NA
<u>Intel Atom x5-Z8350 @ 1.44GHz</u>	1275	2185	<u>60.76</u>	<u>\$21.00*</u>
<u>Intel Atom x5-Z8500 @ 1.44GHz</u>	1692	1971	<u>27.05</u>	<u>\$62.57*</u>
<u>Intel Atom x5-Z8550 @ 1.44GHz</u>	1832	1900	NA	NA
<u>Intel Atom x7-Z8700 @ 1.60GHz</u>	1892	1870	<u>25.70</u>	<u>\$73.63*</u>
<u>Intel Atom x7-Z8750 @ 1.60GHz</u>	1897	1866	NA	NA
<u>Intel Atom Z510 @ 1.10GHz</u>	194	2965	<u>4.33</u>	<u>\$45.00*</u>
<u>Intel Atom Z515 @ 1.20GHz</u>	218	2941	NA	NA
<u>Intel Atom Z520 @ 1.33GHz</u>	218	2940	NA	NA
<u>Intel Atom Z530 @ 1.60GHz</u>	281	2874	NA	NA
<u>Intel Atom Z540 @ 1.86GHz</u>	348	2780	NA	NA
<u>Intel Atom Z550 @ 2.00GHz</u>	381	2742	NA	NA
<u>Intel Atom Z670 @ 1.50GHz</u>	243	2921	NA	NA
<u>Intel Atom Z2760 @ 1.80GHz</u>	570	2571	NA	NA
<u>Intel Atom Z3735D @ 1.33GHz</u>	937	2391	NA	NA
<u>Intel Atom Z3735E @ 1.33GHz</u>	948	2385	<u>8.10</u>	<u>\$117.00*</u>
<u>Intel Atom Z3735F @ 1.33GHz</u>	914	2406	<u>5.04</u>	<u>\$181.30*</u>
<u>Intel Atom Z3735G @ 1.33GHz</u>	906	2413	NA	NA
<u>Intel Atom Z3736F @ 1.33GHz</u>	912	2408	NA	NA
<u>Intel Atom Z3740 @ 1.33GHz</u>	1068	2303	NA	NA
<u>Intel Atom Z3740D @ 1.33GHz</u>	1011	2335	NA	NA
<u>Intel Atom Z3745 @ 1.33GHz</u>	1079	2301	<u>35.98</u>	<u>\$30.00*</u>
<u>Intel Atom Z3745D @ 1.33GHz</u>	1018	2332	NA	NA

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Intel Atom Z3770 @ 1.46GHz	1252	2200	8.38	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2460	NA	NA
Intel Atom Z3775 @ 1.46GHz	1275	2186	36.45	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2182	NA	NA
Intel Atom Z3795 @ 1.60GHz	1799	1913	NA	NA
Intel Celeron 1.70GHz	129	3006	NA	NA
Intel Celeron 1.80GHz	136	3002	NA	NA
Intel Celeron 2.00GHz	182	2977	NA	NA
Intel Celeron 2.10GHz	244	2919	NA	NA
Intel Celeron 2.13GHz	208	2952	NA	NA
Intel Celeron 2.20GHz	213	2947	NA	NA
Intel Celeron 2.26GHz	223	2936	NA	NA
Intel Celeron 2.30GHz	227	2933	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.40GHz	217	2942	NA	NA
Intel Celeron 2.50GHz	247	2913	NA	NA
Intel Celeron 2.53GHz	245	2917	NA	NA
Intel Celeron 2.60GHz	238	2923	NA	NA
Intel Celeron 2.66GHz	249	2911	NA	NA
Intel Celeron 2.70GHz	245	2918	NA	NA
Intel Celeron 2.80GHz	254	2903	NA	NA
Intel Celeron 2.93GHz	283	2865	NA	NA
Intel Celeron 3.06GHz	284	2863	NA	NA
Intel Celeron 3.20GHz	288	2855	NA	NA
Intel Celeron 3.33GHz	333	2797	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2806	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2808	NA	NA
Intel Celeron 420 @ 1.60GHz	451	2662	11.29	\$39.99*
Intel Celeron 430 @ 1.80GHz	487	2622	10.33	\$47.18
Intel Celeron 440 @ 2.00GHz	544	2580	9.07	\$59.99
Intel Celeron 450 @ 2.20GHz	626	2540	20.90	\$29.99*
Intel Celeron 530 @ 1.73GHz	474	2640	20.62	\$22.99*
Intel Celeron 540 @ 1.86GHz	521	2598	NA	NA
Intel Celeron 550 @ 2.00GHz	519	2599	7.99	\$64.95*

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Intel Celeron 560 @ 2.13GHz	531	2589	6.65	\$79.95
Intel Celeron 570 @ 2.26GHz	517	2600	NA	NA
Intel Celeron 600MHz	147	2998	NA	NA
Intel Celeron 723 @ 1.20GHz	390	2737	NA	NA
Intel Celeron 743 @ 1.30GHz	421	2695	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2482	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2758	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2545	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2395	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1021	2328	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2262	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2244	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1291	2171	NA	NA
Intel Celeron 887 @ 1.50GHz	1276	2184	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2518	23.34	\$28.99
Intel Celeron 925 @ 2.30GHz	689	2510	NA	NA
Intel Celeron 1000M @ 1.80GHz	1669	1982	NA	NA
Intel Celeron 1000MHz	213	2945	NA	NA
Intel Celeron 1005M @ 1.90GHz	1808	1908	NA	NA
Intel Celeron 1007U @ 1.50GHz	1389	2116	7.51	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1504	2066	NA	NA
Intel Celeron 1019Y @ 1.00GHz	954	2378	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1717	NA	NA
Intel Celeron 1020M @ 2.10GHz	2023	1802	NA	NA
Intel Celeron 1037U @ 1.80GHz	1734	1944	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2234	NA	NA
Intel Celeron 1066MHz	259	2899	NA	NA
Intel Celeron 1100MHz	174	2984	NA	NA
Intel Celeron 1133MHz	282	2867	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1200MHz	244	2920	NA	NA
Intel Celeron 1300MHz	288	2857	NA	NA
Intel Celeron 1333MHz	290	2851	NA	NA
Intel Celeron 1400MHz	302	2831	NA	NA

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Intel Celeron 2000E @ 2.20GHz	2365	1664	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	2021	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1984	1818	NA	NA
Intel Celeron 2955U @ 1.40GHz	1413	2108	NA	NA
Intel Celeron 2957U @ 1.40GHz	1433	2098	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2279	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1680	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	2030	NA	NA
Intel Celeron 2981U @ 1.60GHz	1383	2118	NA	NA
Intel Celeron 3205U @ 1.50GHz	1495	2073	5.21	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1652	1998	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1964	NA	NA
Intel Celeron 3765U @ 1.90GHz	1948	1841	NA	NA
Intel Celeron 3855U @ 1.60GHz	1663	1991	NA	NA
Intel Celeron 3865U @ 1.80GHz	1904	1861	NA	NA
Intel Celeron 3867U @ 1.80GHz	1862	1885	17.41	\$107.00*
Intel Celeron 3955U @ 2.00GHz	1962	1831	NA	NA
Intel Celeron 3965U @ 2.20GHz	2369	1661	22.14	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1607	2020	15.03	\$107.00*
Intel Celeron 4205U @ 1.80GHz	1977	1823	18.48	\$107.00*
Intel Celeron 4305UE @ 2.00GHz	2554	1590	NA	NA
Intel Celeron @ 1.30GHz	965	2365	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2971	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2452	NA	NA
Intel Celeron B800 @ 1.50GHz	1273	2188	NA	NA
Intel Celeron B810 @ 1.60GHz	1399	2111	NA	NA
Intel Celeron B815 @ 1.60GHz	1365	2130	NA	NA
Intel Celeron B820 @ 1.70GHz	1430	2100	36.42	\$39.29*
Intel Celeron B830 @ 1.80GHz	1513	2064	NA	NA
Intel Celeron B840 @ 1.90GHz	1715	1953	NA	NA
Intel Celeron D 347 @ 3.06GHz	271	2886	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2832	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2813	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2792	NA	NA

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Intel Celeron D 365 @ 3.60GHz	404	2713	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2634	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2560	NA	NA
Intel Celeron E1200 @ 1.60GHz	861	2427	8.61	\$99.99
Intel Celeron E1400 @ 2.00GHz	1053	2311	11.71	\$89.95
Intel Celeron E1500 @ 2.20GHz	1168	2247	59.47	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2196	NA	NA
Intel Celeron E3200 @ 2.40GHz	1382	2121	26.59	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1389	2117	43.44	\$31.99
Intel Celeron E3400 @ 2.60GHz	1440	2095	2.36	\$610.00*
Intel Celeron E3500 @ 2.70GHz	1454	2088	36.37	\$39.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G440 @ 1.60GHz	694	2507	13.90	\$49.99*
Intel Celeron G460 @ 1.80GHz	1040	2317	16.01	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2306	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2166	NA	NA
Intel Celeron G530 @ 2.40GHz	2128	1756	53.23	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1951	NA	NA
Intel Celeron G540 @ 2.50GHz	2197	1734	48.82	\$45.00*
Intel Celeron G540T @ 2.10GHz	2067	1785	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1688	28.63	\$80.00
Intel Celeron G550T @ 2.20GHz	2032	1798	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1640	15.77	\$153.59
Intel Celeron G1101 @ 2.27GHz	1667	1986	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2488	1618	52.95	\$47.00
Intel Celeron G1610T @ 2.30GHz	2258	1704	56.42	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2578	1580	39.67	\$64.99
Intel Celeron G1620T @ 2.40GHz	2362	1666	56.26	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2507	1610	35.83	\$69.99
Intel Celeron G1820 @ 2.70GHz	2750	1529	63.97	\$42.99
Intel Celeron G1820T @ 2.40GHz	2495	1617	59.42	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1755	NA	NA
Intel Celeron G1830 @ 2.80GHz	2568	1585	27.05	\$94.95*
Intel Celeron G1840 @ 2.80GHz	2860	1492	46.36	\$61.71

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Intel Celeron G1840T @ 2.50GHz	2554	1591	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1471	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3125	1398	58.72	\$53.23
Intel Celeron G3900E @ 2.40GHz	2679	1547	25.05	\$107.00*
Intel Celeron G3900T @ 2.60GHz	2925	1467	26.01	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1574	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3129	1396	27.45	\$113.99*
Intel Celeron G3930 @ 2.90GHz	3040	1426	33.94	\$89.59*
Intel Celeron G3930T @ 2.70GHz	2766	1520	58.92	\$46.95
Intel Celeron G3930TE @ 2.70GHz	2970	1450	70.72	\$42.00*
Intel Celeron G3950 @ 3.00GHz	3049	1425	27.97	\$109.04*
Intel Celeron G4900 @ 3.10GHz	3293	1342	41.17	\$79.99*
Intel Celeron G4900T @ 2.90GHz	3088	1410	73.54	\$42.00*
Intel Celeron G4920 @ 3.20GHz	3255	1351	47.82	\$68.08
Intel Celeron G4930 @ 3.20GHz	3503	1288	59.35	\$59.04
Intel Celeron J1750 @ 2.41GHz	1037	2319	NA	NA
Intel Celeron J1800 @ 2.41GHz	1020	2330	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	2014	NA	NA
Intel Celeron J1900 @ 1.99GHz	1853	1888	NA	NA
Intel Celeron J3060 @ 1.60GHz	977	2359	NA	NA
Intel Celeron J3160 @ 1.60GHz	1794	1915	NA	NA
Intel Celeron J3355 @ 2.00GHz	1164	2251	NA	NA
Intel Celeron J3455 @ 1.50GHz	2107	1766	6.02	\$349.99
Intel Celeron J4005 @ 2.00GHz	1552	2043	9.87	\$157.23
Intel Celeron J4105 @ 1.50GHz	2645	1559	24.72	\$107.00*
Intel Celeron M 1.00GHz	213	2946	17.10	\$12.49
Intel Celeron M 1.30GHz	316	2812	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 1.50GHz	343	2788	NA	NA
Intel Celeron M 1.60GHz	362	2769	NA	NA
Intel Celeron M 1.70GHz	393	2732	NA	NA
Intel Celeron M 360 1.40GHz	328	2802	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2814	NA	NA
Intel Celeron M 420 @ 1.60GHz	334	2796	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 430 @ 1.73GHz	368	2760	NA	NA
Intel Celeron M 440 @ 1.86GHz	392	2733	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2905	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2664	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2687	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2650	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2583	NA	NA
Intel Celeron M 600MHz	151	2996	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2657	NA	NA
Intel Celeron M 900MHz	205	2953	NA	NA
Intel Celeron M 1200MHz	275	2882	NA	NA
Intel Celeron M 1300MHz	303	2828	NA	NA
Intel Celeron M 1500MHz	333	2798	NA	NA
Intel Celeron M ULV 800MHz	184	2975	NA	NA
Intel Celeron N2805 @ 1.46GHz	460	2654	NA	NA
Intel Celeron N2806 @ 1.60GHz	799	2461	NA	NA
Intel Celeron N2807 @ 1.58GHz	861	2428	NA	NA
Intel Celeron N2808 @ 1.58GHz	907	2412	NA	NA
Intel Celeron N2810 @ 2.00GHz	788	2466	5.64	\$139.99*
Intel Celeron N2815 @ 1.86GHz	856	2433	NA	NA
Intel Celeron N2820 @ 2.13GHz	937	2392	4.17	\$225.00
Intel Celeron N2830 @ 2.16GHz	965	2366	NA	NA
Intel Celeron N2840 @ 2.16GHz	1002	2341	NA	NA
Intel Celeron N2910 @ 1.60GHz	1189	2233	NA	NA
Intel Celeron N2920 @ 1.86GHz	1515	2062	NA	NA
Intel Celeron N2930 @ 1.83GHz	1659	1995	NA	NA
Intel Celeron N2940 @ 1.83GHz	1718	1949	NA	NA
Intel Celeron N3000 @ 1.04GHz	899	2415	NA	NA
Intel Celeron N3010 @ 1.04GHz	958	2375	NA	NA
Intel Celeron N3050 @ 1.60GHz	879	2420	4.59	\$191.44
Intel Celeron N3060 @ 1.60GHz	982	2355	NA	NA
Intel Celeron N3150 @ 1.60GHz	1665	1988	NA	NA
Intel Celeron N3160 @ 1.60GHz	1669	1983	5.96	\$279.99
Intel Celeron N3350 @ 1.10GHz	1116	2273	NA	NA

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Intel Celeron N3450 @ 1.10GHz	1851	1890	11.63	\$159.14
Intel Celeron N4000 @ 1.10GHz	1430	2101	13.37	\$107.00*
Intel Celeron N4000C @ 1.10GHz	1226	2214	NA	NA
Intel Celeron N4100 @ 1.10GHz	2243	1710	20.97	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1116	2271	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2350	NA	NA
Intel Celeron P4600 @ 2.00GHz	1328	2150	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2470	NA	NA
Intel Celeron T1600 @ 1.66GHz	944	2388	47.24	\$19.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron T1700 @ 1.83GHz	1058	2309	35.29	\$29.99*
Intel Celeron U1900 @ 1.99GHz	1704	1963	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2492	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2512	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2458	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1052	2312	6.58	\$159.95*
Intel Core2 Duo E4400 @ 2.00GHz	1158	2255	23.18	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1272	2189	17.85	\$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1383	2119	8.76	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	2080	54.89	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1108	2282	85.31	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2237	23.71	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1288	2174	43.01	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1359	2134	27.20	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	2092	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1497	2072	100.17	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1554	2042	103.69	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1692	1970	56.45	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1712	1957	166.29	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1940	1842	38.82	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1625	2012	33.17	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1727	1945	43.32	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1770	1926	61.06	\$28.99*
Intel Core2 Duo F7500 @ 2.93GHz	1873	1877	124.97	\$14.99*

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Intel Core2 Duo E7600 @ 3.06GHz	1959	1833	16.33	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1490	2075	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1789	1917	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1882	1875	37.66	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1836	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1668	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1987	1816	99.44	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1891	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1758	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2148	1749	47.21	\$45.50*
Intel Core2 Duo E8435 @ 3.06GHz	2068	1784	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2279	1694	57.01	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2398	1650	56.51	\$42.45*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1727	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2475	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2513	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2448	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2438	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	961	2371	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	969	2363	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2270	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1081	2299	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1346	2140	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	2173	64.51	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1311	2158	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P7450 @ 2.13GHz	1416	2105	35.43	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2387	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	2058	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1455	2087	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2327	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1452	2090	4.89	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	2050	31.24	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1623	2013	42.73	\$37.99*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P8800 @ 2.66GHz	1740	1940	30.55	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	2039	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1748	1936	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1754	1934	17.72	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1866	1881	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2016	1807	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2558	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1252	2201	4.95	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1976	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	927	2398	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	831	2444	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	839	2442	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2454	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	935	2394	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2407	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2411	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	922	2403	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1040	2318	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2322	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2351	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1094	2288	109.57	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1114	2275	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1206	2226	75.86	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1150	2259	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2222	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2213	81.81	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1284	2178	85.72	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1257	2195	32.67	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1359	2135	71.91	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1360	2133	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1021	2329	46.44	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	2249	11.68	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1114	2274	5.53	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1195	2230	38.57	\$30.99*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core2 Duo T7400 @ 2.16GHz</u>	1250	2204	NA	NA
<u>Intel Core2 Duo T7500 @ 2.20GHz</u>	1271	2190	<u>29.59</u>	<u>\$42.99*</u>
<u>Intel Core2 Duo T7600 @ 2.33GHz</u>	1378	2124	NA	NA
<u>Intel Core2 Duo T7700 @ 2.40GHz</u>	1425	2102	<u>10.18</u>	<u>\$139.95*</u>
<u>Intel Core2 Duo T7800 @ 2.60GHz</u>	1601	2025	<u>2.63</u>	<u>\$607.99*</u>
<u>Intel Core2 Duo T8100 @ 2.10GHz</u>	1298	2167	<u>1.30</u>	<u>\$999.99*</u>
<u>Intel Core2 Duo T8300 @ 2.40GHz</u>	1471	2083	<u>13.51</u>	<u>\$108.95*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core2 Duo T9300 @ 2.50GHz</u>	1675	1978	<u>28.89</u>	<u>\$57.99*</u>
<u>Intel Core2 Duo T9400 @ 2.53GHz</u>	1736	1943	<u>38.63</u>	<u>\$44.95*</u>
<u>Intel Core2 Duo T9500 @ 2.60GHz</u>	1792	1916	NA	NA
<u>Intel Core2 Duo T9550 @ 2.66GHz</u>	1803	1910	<u>6.03</u>	<u>\$298.95*</u>
<u>Intel Core2 Duo T9600 @ 2.80GHz</u>	1927	1850	<u>21.43</u>	<u>\$89.95*</u>
<u>Intel Core2 Duo T9800 @ 2.93GHz</u>	2005	1810	<u>4.73</u>	<u>\$423.89*</u>
<u>Intel Core2 Duo T9900 @ 3.06GHz</u>	2137	1751	<u>5.36</u>	<u>\$398.95*</u>
<u>Intel Core2 Duo U7300 @ 1.30GHz</u>	868	2425	NA	NA
<u>Intel Core2 Duo U7500 @ 1.06GHz</u>	590	2556	NA	NA
<u>Intel Core2 Duo U7600 @ 1.20GHz</u>	668	2520	NA	NA
<u>Intel Core2 Duo U7700 @ 1.33GHz</u>	700	2506	NA	NA
<u>Intel Core2 Duo U9300 @ 1.20GHz</u>	855	2434	NA	NA
<u>Intel Core2 Duo U9600 @ 1.60GHz</u>	1129	2268	NA	NA
<u>Intel Core2 Duo X7360 @ 2.53GHz</u>	1687	1973	NA	NA
<u>Intel Core2 Extreme Q6800 @ 2.93GHz</u>	3655	1250	<u>3.25</u>	<u>\$1,125.00*</u>
<u>Intel Core2 Extreme Q6850 @ 3.00GHz</u>	3624	1253	<u>2.42</u>	<u>\$1,495.95*</u>
<u>Intel Core2 Extreme Q9200 @ 2.40GHz</u>	3415	1306	NA	NA
<u>Intel Core2 Extreme Q9300 @ 2.53GHz</u>	3457	1300	NA	NA
<u>Intel Core2 Extreme X6800 @ 2.93GHz</u>	1873	1878	<u>7.11</u>	<u>\$263.64*</u>
<u>Intel Core2 Extreme X7800 @ 2.60GHz</u>	1802	1912	NA	NA
<u>Intel Core2 Extreme X7850 @ 2.80GHz</u>	1331	2148	NA	NA
<u>Intel Core2 Extreme X7900 @ 2.80GHz</u>	1688	1972	NA	NA
<u>Intel Core2 Extreme X9000 @ 2.80GHz</u>	1894	1867	<u>4.62</u>	<u>\$409.95*</u>
<u>Intel Core2 Extreme X9100 @ 3.06GHz</u>	2076	1779	<u>2.44</u>	<u>\$851.00*</u>
<u>Intel Core2 Extreme X9650 @ 3.00GHz</u>	4155	1138	<u>4.83</u>	<u>\$859.99*</u>
<u>Intel Core2 Extreme X9750 @ 3.16GHz</u>	4504	1064	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme X9770 @ 3.20GHz	4608	1040	2.86	\$1.608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	1029	2.57	\$1.805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2946	1457	73.70	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3277	1345	72.85	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2807	1506	122.10	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2979	1444	59.60	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3162	1385	13.18	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2516	1606	6.47	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1358	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3152	1390	15.80	\$199.50*
Intel Core2 Quad Q9400 @ 2.66GHz	3336	1334	69.47	\$48.03*
Intel Core2 Quad Q9450 @ 2.66GHz	3756	1222	105.22	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3512	1286	100.39	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3518	1283	18.52	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3960	1172	89.02	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4153	1140	25.97	\$159.95
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1176	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2771	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2821	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2699	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	465	2645	NA	NA
Intel Core 330 @ 1.60GHz	643	2531	NA	NA
Intel Core 860 @ 2.80GHz	4555	1051	28.65	\$159.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo L2300 @ 1.50GHz	719	2495	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2503	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2483	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2509	NA	NA
Intel Core Duo T2250 @ 1.73GHz	755	2480	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2490	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2474	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2465	49.65	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	822	2450	NA	NA
Intel Core Duo T2500 @ 2.00GHz	863	2426	7.20	\$119.99*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core Duo T2600 @ 2.16GHz</u>	943	2389	NA	NA
<u>Intel Core Duo T2700 @ 2.33GHz</u>	1024	2325	NA	NA
<u>Intel Core Duo U2400 @ 1.06GHz</u>	544	2581	NA	NA
<u>Intel Core Duo U2500 @ 1.20GHz</u>	507	2609	NA	NA
<u>Intel Core i3-330E @ 2.13GHz</u>	1935	1845	NA	NA
<u>Intel Core i3-330M @ 2.13GHz</u>	1784	1920	<u>11.16</u>	<u>\$159.95*</u>
<u>Intel Core i3-330UM @ 1.20GHz</u>	1075	2302	NA	NA
<u>Intel Core i3-350M @ 2.27GHz</u>	1892	1869	<u>17.37</u>	<u>\$108.95</u>
<u>Intel Core i3-370M @ 2.40GHz</u>	2015	1808	<u>57.90</u>	<u>\$34.81</u>
<u>Intel Core i3-380M @ 2.53GHz</u>	2091	1770	<u>38.39</u>	<u>\$54.49</u>
<u>Intel Core i3-380UM @ 1.33GHz</u>	1159	2254	NA	NA
<u>Intel Core i3-390M @ 2.67GHz</u>	2165	1741	<u>55.59</u>	<u>\$38.95*</u>
<u>Intel Core i3-530 @ 2.93GHz</u>	2564	1587	<u>13.57</u>	<u>\$189.00</u>
<u>Intel Core i3-540 @ 3.07GHz</u>	2684	1546	<u>37.07</u>	<u>\$72.41</u>
<u>Intel Core i3-550 @ 3.20GHz</u>	2828	1498	<u>16.10</u>	<u>\$175.74*</u>
<u>Intel Core i3-560 @ 3.33GHz</u>	2935	1461	<u>16.31</u>	<u>\$179.95</u>
<u>Intel Core i3-1005G1 @ 1.20GHz</u>	6117	798	<u>21.77</u>	<u>\$281.00*</u>
<u>Intel Core i3-2100 @ 3.10GHz</u>	3693	1242	<u>76.56</u>	<u>\$48.24</u>
<u>Intel Core i3-2100T @ 2.50GHz</u>	2980	1443	<u>49.68</u>	<u>\$59.99*</u>
<u>Intel Core i3-2102 @ 3.10GHz</u>	3736	1229	<u>64.41</u>	<u>\$58.00*</u>
<u>Intel Core i3-2105 @ 3.10GHz</u>	3716	1235	<u>32.32</u>	<u>\$114.99*</u>
<u>Intel Core i3-2120 @ 3.30GHz</u>	3931	1183	<u>112.33</u>	<u>\$35.00</u>
<u>Intel Core i3-2120T @ 2.60GHz</u>	3157	1387	<u>126.36</u>	<u>\$24.99</u>
<u>Intel Core i3-2125 @ 3.30GHz</u>	4015	1160	<u>19.40</u>	<u>\$207.00*</u>
<u>Intel Core i3-2130 @ 3.40GHz</u>	4075	1152	<u>114.83</u>	<u>\$35.49</u>
<u>Intel Core i3-2140 @ 3.50GHz</u>	4325	1102	NA	NA
<u>Intel Core i3-2310E @ 2.10GHz</u>	2839	1494	<u>12.62</u>	<u>\$225.00*</u>
<u>Intel Core i3-2310M @ 2.10GHz</u>	2433	1637	<u>62.70</u>	<u>\$38.81*</u>
<u>Intel Core i3-2312M @ 2.10GHz</u>	2374	1660	NA	NA
<u>Intel Core i3-2328M @ 2.20GHz</u>	2547	1593	<u>27.40</u>	<u>\$92.97*</u>
<u>Intel Core i3-2330E @ 2.20GHz</u>	3073	1417	NA	NA
<u>Intel Core i3-2330M @ 2.20GHz</u>	2529	1601	<u>50.63</u>	<u>\$49.95</u>
<u>Intel Core i3-2332M @ 2.20GHz</u>	2382	1657	NA	NA
<u>Intel Core i3-2340UE @ 1.30GHz</u>	1719	1948	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2348M @ 2.30GHz	2624	1564	NA	NA
Intel Core i3-2350M @ 2.30GHz	2629	1563	82.49	\$31.88
Intel Core i3-2357M @ 1.30GHz	1556	2041	NA	NA
Intel Core i3-2365M @ 1.40GHz	1682	1975	NA	NA
Intel Core i3-2367M @ 1.40GHz	1708	1961	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2370M @ 2.40GHz	2777	1517	69.78	\$39.81
Intel Core i3-2375M @ 1.50GHz	1775	1924	NA	NA
Intel Core i3-2377M @ 1.50GHz	1824	1903	NA	NA
Intel Core i3-3110M @ 2.40GHz	3083	1413	38.57	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3227	1363	29.34	\$110.00*
Intel Core i3-3130M @ 2.60GHz	3389	1317	NA	NA
Intel Core i3-3210 @ 3.20GHz	4044	1155	20.33	\$199.00*
Intel Core i3-3217U @ 1.80GHz	2306	1683	10.03	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1744	NA	NA
Intel Core i3-3220 @ 3.30GHz	4247	1118	86.68	\$49.00
Intel Core i3-3220T @ 2.80GHz	3698	1239	27.40	\$135.00
Intel Core i3-3225 @ 3.30GHz	4347	1096	13.38	\$324.99
Intel Core i3-3227U @ 1.90GHz	2470	1623	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1966	NA	NA
Intel Core i3-3240 @ 3.40GHz	4317	1106	80.14	\$53.87
Intel Core i3-3240T @ 2.90GHz	3666	1248	NA	NA
Intel Core i3-3245 @ 3.40GHz	4473	1073	31.96	\$139.95
Intel Core i3-3250 @ 3.50GHz	4449	1075	63.56	\$70.00
Intel Core i3-3250T @ 3.00GHz	3614	1255	NA	NA
Intel Core i3-4000M @ 2.40GHz	3259	1349	16.30	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2446	1633	NA	NA
Intel Core i3-4010U @ 1.70GHz	2444	1634	16.30	\$149.99
Intel Core i3-4010Y @ 1.30GHz	1900	1864	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2161	1745	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2214	1725	NA	NA
Intel Core i3-4025U @ 1.90GHz	2789	1512	NA	NA
Intel Core i3-4030U @ 1.90GHz	2719	1536	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1611	NA	NA

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Intel Core i3-4100M @ 2.50GHz	3439	1303	15.74	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3854	1194	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1478	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1424	NA	NA
Intel Core i3-4130 @ 3.40GHz	4805	1004	54.61	\$88.00
Intel Core i3-4130T @ 2.90GHz	4154	1139	16.71	\$248.56
Intel Core i3-4150 @ 3.50GHz	4904	987	49.54	\$99.00
Intel Core i3-4150T @ 3.00GHz	4227	1121	18.39	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1469	NA	NA
Intel Core i3-4160 @ 3.60GHz	5052	954	56.14	\$89.99
Intel Core i3-4160T @ 3.10GHz	4473	1072	29.82	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5189	929	32.64	\$159.00
Intel Core i3-4170T @ 3.20GHz	4501	1065	21.44	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5088	944	12.72	\$399.95
Intel Core i3-4330T @ 3.00GHz	4497	1066	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1367	NA	NA
Intel Core i3-4340 @ 3.60GHz	5245	920	30.86	\$169.99*
Intel Core i3-4350 @ 3.60GHz	4990	969	29.36	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	1109	NA	NA
Intel Core i3-4360 @ 3.70GHz	5446	887	21.03	\$259.00*
Intel Core i3-4360T @ 3.20GHz	4636	1030	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4370 @ 3.80GHz	5617	859	18.18	\$309.00*
Intel Core i3-4370T @ 3.30GHz	4924	982	35.68	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	978	NA	NA
Intel Core i3-5005U @ 2.00GHz	2903	1476	NA	NA
Intel Core i3-5010U @ 2.10GHz	3060	1421	9.06	\$337.76*
Intel Core i3-5015U @ 2.10GHz	2977	1446	NA	NA
Intel Core i3-5020U @ 2.20GHz	3198	1368	6.97	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	1247	NA	NA
Intel Core i3-6006U @ 2.00GHz	3075	1416	NA	NA
Intel Core i3-6098P @ 3.60GHz	5387	898	40.28	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5484	880	42.52	\$128.99
Intel Core i3-6100F @ 2.70GHz	3769	1215	NA	NA

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Intel Core i3-6100H @ 2.70GHz	4188	1129	NA	NA
Intel Core i3-6100T @ 3.20GHz	4861	995	36.01	\$134.99*
Intel Core i3-6100TE @ 2.70GHz	4328	1101	NA	NA
Intel Core i3-6100U @ 2.30GHz	3603	1259	7.00	\$515.00*
Intel Core i3-6102E @ 1.90GHz	3196	1370	14.20	\$225.00*
Intel Core i3-6157U @ 2.40GHz	3819	1205	NA	NA
Intel Core i3-6300 @ 3.80GHz	5842	830	18.85	\$309.99
Intel Core i3-6300T @ 3.30GHz	5258	918	33.93	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6051	811	22.91	\$264.20
Intel Core i3-7020U @ 2.30GHz	3537	1276	12.59	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5776	837	40.76	\$141.72
Intel Core i3-7100H @ 3.00GHz	4271	1113	18.99	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5048	955	33.07	\$152.69
Intel Core i3-7100U @ 2.40GHz	3758	1221	9.17	\$409.99
Intel Core i3-7101TE @ 3.40GHz	5160	933	44.11	\$117.00*
Intel Core i3-7102E @ 2.10GHz	3266	1347	14.52	\$225.00*
Intel Core i3-7130U @ 2.70GHz	4061	1154	8.83	\$459.99*
Intel Core i3-7167U @ 2.80GHz	4757	1013	NA	NA
Intel Core i3-7300 @ 4.00GHz	6335	779	39.60	\$159.99*
Intel Core i3-7300T @ 3.50GHz	5369	901	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6406	772	35.06	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6597	754	35.86	\$183.99
Intel Core i3-8100 @ 3.60GHz	8005	606	62.24	\$128.63
Intel Core i3-8100B @ 3.60GHz	8544	552	64.24	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7271	684	56.37	\$129.00*
Intel Core i3-8109U @ 3.00GHz	6086	809	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	1006	NA	NA
Intel Core i3-8130U @ 2.20GHz	5003	967	17.81	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5482	881	19.51	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8696	537	34.75	\$250.24
Intel Core i3-8300T @ 3.20GHz	8032	602	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9237	479	46.48	\$198.75
Intel Core i3-9100 @ 3.60GHz	8756	534	67.37	\$129.99
Intel Core i3-9100F @ 3.60GHz	8900	515	98.91	\$89.99

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-9100T @ 3.10GHz	7650	650	62.71	\$122.00*
Intel Core i3-9300 @ 3.70GHz	10018	397	65.91	\$152.00*
Intel Core i3-9300T @ 3.20GHz	8777	529	61.38	\$143.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-9320 @ 3.70GHz	10144	386	62.62	\$162.00*
Intel Core i3-9350KF @ 4.00GHz	10526	361	59.99	\$175.49
Intel Core i3-10110U @ 2.10GHz	5733	846	NA	NA
Intel Core i3-21050 @ 3.10GHz	3862	1193	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1733	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1620	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3540	1272	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3676	1245	NA	NA
Intel Core i5-430M @ 2.27GHz	2093	1769	14.96	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	2144	NA	NA
Intel Core i5-450M @ 2.40GHz	2134	1754	66.80	\$31.95*
Intel Core i5-460M @ 2.53GHz	2319	1674	30.94	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1067	2304	NA	NA
Intel Core i5-480M @ 2.67GHz	2399	1649	29.77	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1709	NA	NA
Intel Core i5-520M @ 2.40GHz	2366	1663	79.38	\$29.81
Intel Core i5-520UM @ 1.07GHz	1348	2139	NA	NA
Intel Core i5-540M @ 2.53GHz	2452	1629	36.06	\$68.00*
Intel Core i5-540UM @ 1.20GHz	1375	2126	NA	NA
Intel Core i5-560M @ 2.67GHz	2578	1579	31.46	\$81.97*
Intel Core i5-560UM @ 1.33GHz	1669	1981	NA	NA
Intel Core i5-580M @ 2.67GHz	2591	1575	23.57	\$109.95*
Intel Core i5-650 @ 3.20GHz	3092	1407	90.97	\$34.00
Intel Core i5-655K @ 3.20GHz	3353	1324	55.90	\$59.99*
Intel Core i5-660 @ 3.33GHz	3246	1354	103.88	\$31.25*
Intel Core i5-661 @ 3.33GHz	3194	1372	13.89	\$229.99*
Intel Core i5-670 @ 3.47GHz	3309	1338	11.86	\$279.00*
Intel Core i5-680 @ 3.60GHz	3513	1285	39.04	\$89.99*
Intel Core i5-750 @ 2.67GHz	3718	1234	18.00	\$206.56*
Intel Core i5-760 @ 2.80GHz	3933	1182	18.82	\$209.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-1035G1 @ 1.00GHz	8813	525	29.67	\$297.00*
Intel Core i5-1035G4 @ 1.10GHz	8958	512	28.99	\$309.00*
Intel Core i5-1035G7 @ 1.20GHz	9720	431	30.38	\$320.00*
Intel Core i5-2300 @ 2.80GHz	5368	902	67.12	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5540	873	39.21	\$141.29*
Intel Core i5-2320 @ 3.00GHz	5776	835	62.11	\$93.00
Intel Core i5-2380P @ 3.10GHz	5743	844	13.34	\$430.59*
Intel Core i5-2390T @ 2.70GHz	4212	1126	42.16	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5975	815	206.11	\$28.99
Intel Core i5-2400S @ 2.50GHz	4996	968	63.25	\$79.00
Intel Core i5-2405S @ 2.50GHz	5082	945	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3173	1377	44.07	\$72.00*
Intel Core i5-2415M @ 2.30GHz	3303	1340	NA	NA
Intel Core i5-2430M @ 2.40GHz	3287	1343	36.93	\$89.02*
Intel Core i5-2435M @ 2.40GHz	3245	1356	NA	NA
Intel Core i5-2450M @ 2.50GHz	3401	1310	46.41	\$73.30*
Intel Core i5-2450P @ 3.20GHz	6149	794	68.34	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2321	1672	NA	NA
Intel Core i5-2500 @ 3.30GHz	6356	776	85.66	\$74.21
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2500K @ 3.30GHz	6490	762	14.95	\$434.26*
Intel Core i5-2500S @ 2.70GHz	5395	896	82.70	\$65.24*
Intel Core i5-2500T @ 2.30GHz	4647	1028	51.64	\$89.99*
Intel Core i5-2510E @ 2.50GHz	3483	1292	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1337	NA	NA
Intel Core i5-2520M @ 2.50GHz	3593	1262	21.19	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2064	1786	NA	NA
Intel Core i5-2540M @ 2.60GHz	3783	1212	65.22	\$58.02*
Intel Core i5-2550K @ 3.40GHz	6677	745	35.14	\$190.00*
Intel Core i5-2557M @ 1.70GHz	2694	1544	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1223	NA	NA
Intel Core i5-3210M @ 2.50GHz	3829	1202	56.12	\$68.24*
Intel Core i5-3230M @ 2.60GHz	3946	1178	18.15	\$217.42*
Intel Core i5-3317U @ 1.70GHz	3091	1408	13.74	\$225.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3320M @ 2.60GHz	4134	1141	59.22	\$69.81*
Intel Core i5-3330 @ 3.00GHz	5954	817	29.79	\$199.88*
Intel Core i5-3330S @ 2.70GHz	5680	851	59.80	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5795	833	NA	NA
Intel Core i5-3337U @ 1.80GHz	3228	1362	14.35	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2225	1722	NA	NA
Intel Core i5-3340 @ 3.10GHz	6106	801	20.84	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4253	1117	53.20	\$79.95
Intel Core i5-3340S @ 2.80GHz	5846	829	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6156	793	41.04	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4441	1080	47.86	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4445	1078	NA	NA
Intel Core i5-3427U @ 1.80GHz	3551	1269	8.46	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3624	1252	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1464	NA	NA
Intel Core i5-3450 @ 3.10GHz	6537	759	30.22	\$216.34
Intel Core i5-3450S @ 2.80GHz	6233	784	42.12	\$147.99*
Intel Core i5-3470 @ 3.20GHz	6733	739	96.33	\$69.90
Intel Core i5-3470S @ 2.90GHz	6405	773	20.67	\$309.95
Intel Core i5-3470T @ 2.90GHz	4496	1067	14.55	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6611	752	46.08	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6969	712	22.48	\$309.99
Intel Core i5-3550S @ 3.00GHz	6928	718	22.91	\$302.45*
Intel Core i5-3570 @ 3.40GHz	7142	698	68.44	\$104.37
Intel Core i5-3570K @ 3.40GHz	7190	695	22.13	\$324.87
Intel Core i5-3570S @ 3.10GHz	6739	738	23.65	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5944	819	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3929	1184	NA	NA
Intel Core i5-4200H @ 2.80GHz	4465	1074	NA	NA
Intel Core i5-4200M @ 2.50GHz	4038	1157	49.79	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3282	1344	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2399	1648	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2252	1706	NA	NA
Intel Core i5-4210H @ 2.90GHz	4534	1058	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4210M @ 2.60GHz	4216	1124	13.60	\$309.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4210U @ 1.70GHz	3404	1309	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2375	1659	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1681	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1477	NA	NA
Intel Core i5-4250U @ 1.30GHz	3373	1320	9.40	\$359.00*
Intel Core i5-4258U @ 2.40GHz	4096	1149	NA	NA
Intel Core i5-4260U @ 1.40GHz	3584	1267	NA	NA
Intel Core i5-4278U @ 2.60GHz	4371	1092	NA	NA
Intel Core i5-4288U @ 2.60GHz	4303	1108	NA	NA
Intel Core i5-4300M @ 2.60GHz	4446	1077	NA	NA
Intel Core i5-4300U @ 1.90GHz	3736	1228	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2502	1613	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1448	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	1123	NA	NA
Intel Core i5-4310M @ 2.70GHz	4665	1025	NA	NA
Intel Core i5-4310U @ 2.00GHz	3782	1213	NA	NA
Intel Core i5-4330M @ 2.80GHz	4551	1053	16.55	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4882	990	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1256	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	1056	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1177	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1507	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6347	777	39.67	\$159.99*
Intel Core i5-4430S @ 2.70GHz	5977	814	37.36	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6518	760	13.12	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6271	781	13.55	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6728	741	29.53	\$227.87
Intel Core i5-4460S @ 2.90GHz	6434	767	9.75	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4986	970	NA	NA
Intel Core i5-4570 @ 3.20GHz	7160	697	80.45	\$89.00
Intel Core i5-4570R @ 2.70GHz	6776	730	NA	NA
Intel Core i5-4570S @ 2.90GHz	6841	724	35.13	\$194.74

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4570T @ 2.90GHz	4826	999	32.18	\$149.99*
Intel Core i5-4570TE @ 2.70GHz	3827	1203	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7352	679	63.93	\$115.00
Intel Core i5-4590S @ 3.00GHz	7081	702	29.04	\$243.83
Intel Core i5-4590T @ 2.00GHz	5627	856	26.80	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7480	665	19.69	\$379.95
Intel Core i5-4670K @ 3.40GHz	7636	653	18.63	\$409.95
Intel Core i5-4670K CPT @ 3.40GHz	7411	675	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	671	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7399	676	34.74	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6175	791	23.84	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7693	646	32.34	\$237.89
Intel Core i5-4690K @ 3.50GHz	7800	633	49.06	\$159.00
Intel Core i5-4690S @ 3.20GHz	7446	669	20.73	\$359.21*
Intel Core i5-4690T @ 2.50GHz	6547	757	NA	NA
Intel Core i5-5200U @ 2.20GHz	3498	1290	12.45	\$281.00*
Intel Core i5-5250U @ 1.60GHz	3600	1260	8.15	\$441.89*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-5257U @ 2.70GHz	4414	1085	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	1022	NA	NA
Intel Core i5-5300U @ 2.30GHz	3852	1196	7.09	\$543.39*
Intel Core i5-5350U @ 1.80GHz	3542	1271	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	664	NA	NA
Intel Core i5-5675C @ 3.10GHz	8125	592	26.22	\$309.95*
Intel Core i5-5675R @ 3.10GHz	7991	612	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4156	1137	NA	NA
Intel Core i5-6200U @ 2.30GHz	4010	1161	NA	NA
Intel Core i5-6260U @ 1.80GHz	4361	1095	12.74	\$342.49
Intel Core i5-6267U @ 2.90GHz	4891	988	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	1014	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6095	805	NA	NA
Intel Core i5-6300U @ 2.40GHz	4364	1094	NA	NA
Intel Core i5-6360U @ 2.00GHz	4612	1038	NA	NA
Intel Core i5-6400 @ 2.70GHz	6755	735	29.52	\$228.83*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6400T @ 2.20GHz	5621	858	21.62	\$259.95*
Intel Core i5-6402P @ 2.80GHz	7099	700	37.37	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6424	769	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6816	726	NA	NA
Intel Core i5-6442EQ @ 1.90GHz	5953	818	23.81	\$250.00*
Intel Core i5-6500 @ 3.20GHz	7252	689	41.45	\$174.98
Intel Core i5-6500T @ 2.50GHz	6311	780	23.38	\$269.95
Intel Core i5-6500TE @ 2.30GHz	6606	753	31.46	\$209.99*
Intel Core i5-6600 @ 3.30GHz	7779	636	29.68	\$262.13*
Intel Core i5-6600K @ 3.50GHz	8062	597	30.64	\$263.11*
Intel Core i5-6600T @ 2.70GHz	7303	682	24.35	\$299.95*
Intel Core i5-7200U @ 2.50GHz	4562	1050	16.24	\$281.00*
Intel Core i5-7260U @ 2.20GHz	5638	855	10.11	\$557.79
Intel Core i5-7267U @ 3.10GHz	5052	953	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	853	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6714	742	NA	NA
Intel Core i5-7300U @ 2.60GHz	5145	935	10.40	\$494.61
Intel Core i5-7360U @ 2.30GHz	5863	826	NA	NA
Intel Core i5-7400 @ 3.00GHz	7239	690	35.11	\$206.18
Intel Core i5-7400T @ 2.40GHz	6336	778	29.43	\$215.26
Intel Core i5-7440HQ @ 2.80GHz	7635	654	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	5901	822	23.60	\$250.00*
Intel Core i5-7500 @ 3.40GHz	7940	619	42.24	\$188.00
Intel Core i5-7500T @ 2.70GHz	6950	716	31.06	\$223.75*
Intel Core i5-7600 @ 3.50GHz	8618	548	35.32	\$243.99
Intel Core i5-7600K @ 3.80GHz	9049	498	29.19	\$309.99
Intel Core i5-7600T @ 2.80GHz	7983	613	28.46	\$280.55*
Intel Core i5-7640X @ 4.00GHz	9440	459	30.55	\$309.00
Intel Core i5-8200Y @ 1.30GHz	4211	1127	14.47	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4227	1122	NA	NA
Intel Core i5-8250U @ 1.60GHz	7645	651	NA	NA
Intel Core i5-8257U @ 1.40GHz	10742	346	33.57	\$320.00*
Intel Core i5-8259U @ 2.30GHz	10994	329	18.96	\$579.95
CPU Name	Passmark CPU Mark	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i5-8265U @ 1.60GHz</u>	8003	609	<u>26.95</u>	<u>\$297.00*</u>
<u>Intel Core i5-8265UC @ 1.60GHz</u>	7783	635	NA	NA
<u>Intel Core i5-8279U @ 2.40GHz</u>	10599	357	<u>33.12</u>	<u>\$320.00*</u>
<u>Intel Core i5-8300H @ 2.30GHz</u>	9476	453	<u>37.91</u>	<u>\$250.00*</u>
<u>Intel Core i5-8305G @ 2.80GHz</u>	9000	501	NA	NA
<u>Intel Core i5-8350U @ 1.70GHz</u>	8130	590	<u>27.38</u>	<u>\$297.00*</u>
<u>Intel Core i5-8365U @ 1.60GHz</u>	8154	588	<u>27.46</u>	<u>\$297.00*</u>
<u>Intel Core i5-8365UE @ 1.60GHz</u>	8010	605	<u>26.97</u>	<u>\$297.00*</u>
<u>Intel Core i5-8400 @ 2.80GHz</u>	11564	310	<u>51.84</u>	<u>\$223.06</u>
<u>Intel Core i5-8400H @ 2.50GHz</u>	10386	370	<u>41.55</u>	<u>\$250.00*</u>
<u>Intel Core i5-8400T @ 1.70GHz</u>	9498	450	<u>50.26</u>	<u>\$189.00*</u>
<u>Intel Core i5-8500 @ 3.00GHz</u>	11817	302	<u>34.56</u>	<u>\$341.92</u>
<u>Intel Core i5-8500B @ 3.00GHz</u>	12756	272	<u>66.44</u>	<u>\$192.00*</u>
<u>Intel Core i5-8500T @ 2.10GHz</u>	9968	406	<u>42.53</u>	<u>\$234.36*</u>
<u>Intel Core i5-8600 @ 3.10GHz</u>	12489	281	<u>45.29</u>	<u>\$275.78*</u>
<u>Intel Core i5-8600K @ 3.60GHz</u>	12682	276	<u>43.48</u>	<u>\$291.70</u>
<u>Intel Core i5-8600T @ 2.30GHz</u>	10981	332	<u>29.92</u>	<u>\$366.99*</u>
<u>Intel Core i5-9300H @ 2.40GHz</u>	9877	414	<u>39.51</u>	<u>\$250.00*</u>
<u>Intel Core i5-9400 @ 2.90GHz</u>	11898	301	<u>54.10</u>	<u>\$219.95</u>
<u>Intel Core i5-9400F @ 2.90GHz</u>	12056	297	<u>83.16</u>	<u>\$144.99</u>
<u>Intel Core i5-9400H @ 2.50GHz</u>	11299	319	<u>45.20</u>	<u>\$250.00*</u>
<u>Intel Core i5-9400T @ 1.80GHz</u>	9777	428	<u>53.72</u>	<u>\$182.00*</u>
<u>Intel Core i5-9500 @ 3.00GHz</u>	12061	296	<u>37.46</u>	<u>\$321.98</u>
<u>Intel Core i5-9500F @ 3.00GHz</u>	13070	261	<u>64.71</u>	<u>\$202.00*</u>
<u>Intel Core i5-9500T @ 2.20GHz</u>	10746	345	<u>55.97</u>	<u>\$192.00*</u>
<u>Intel Core i5-9600 @ 3.10GHz</u>	13683	238	<u>61.09</u>	<u>\$224.00*</u>
<u>Intel Core i5-9600K @ 3.70GHz</u>	13506	248	<u>61.40</u>	<u>\$219.99</u>
<u>Intel Core i5-9600KF @ 3.70GHz</u>	13490	250	<u>67.45</u>	<u>\$199.99</u>
<u>Intel Core i5-9600T @ 2.30GHz</u>	11706	306	<u>54.96</u>	<u>\$213.00*</u>
<u>Intel Core i5-10210U @ 1.60GHz</u>	8563	550	<u>28.83</u>	<u>\$297.00*</u>
<u>Intel Core i5-10210Y @ 1.00GHz</u>	8004	607	NA	NA
<u>Intel Core i5-24050S @ 2.50GHz</u>	4928	979	NA	NA
<u>Intel Core i7-7Y75 @ 1.30GHz</u>	3730	1230	NA	NA
<u>Intel Core i7-610 @ 2.53GHz</u>	1969	1828	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-610E @ 2.53GHz	2544	1596	NA	NA
Intel Core i7-620LM @ 2.00GHz	1956	1835	NA	NA
Intel Core i7-620M @ 2.67GHz	2715	1540	24.68	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	2152	NA	NA
Intel Core i7-640LM @ 2.13GHz	2243	1711	NA	NA
Intel Core i7-640M @ 2.80GHz	2826	1499	14.14	\$199.95
Intel Core i7-640UM @ 1.20GHz	1638	2003	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1938	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1959	NA	NA
Intel Core i7-720QM @ 1.60GHz	3007	1434	8.22	\$365.95*
Intel Core i7-740QM @ 1.73GHz	3188	1374	19.93	\$159.95*
Intel Core i7-820QM @ 1.73GHz	3217	1365	13.41	\$239.95*
Intel Core i7-840QM @ 1.87GHz	3410	1308	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	5019	963	17.31	\$289.95*
Intel Core i7-860S @ 2.53GHz	4919	984	24.60	\$199.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-870 @ 2.93GHz	5336	906	54.46	\$97.99
Intel Core i7-870S @ 2.67GHz	4849	998	NA	NA
Intel Core i7-875K @ 2.93GHz	5415	891	16.88	\$320.76*
Intel Core i7-880 @ 3.07GHz	5508	879	9.45	\$583.00*
Intel Core i7-920 @ 2.67GHz	4909	985	116.93	\$41.99
Intel Core i7-920XM @ 2.00GHz	3727	1231	9.32	\$399.95*
Intel Core i7-930 @ 2.80GHz	5126	938	46.61	\$109.99*
Intel Core i7-940 @ 2.93GHz	5332	908	51.27	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3921	1187	NA	NA
Intel Core i7-950 @ 3.07GHz	5536	874	93.84	\$59.00
Intel Core i7-960 @ 3.20GHz	5791	834	20.68	\$280.00
Intel Core i7-965 @ 3.20GHz	5850	828	41.79	\$139.99*
Intel Core i7-970 @ 3.20GHz	8349	574	16.70	\$499.95
Intel Core i7-975 @ 3.33GHz	6096	804	14.87	\$409.92*
Intel Core i7-980 @ 3.33GHz	8528	554	42.65	\$199.98*
Intel Core i7-980X @ 3.33GHz	8742	535	7.88	\$1,109.95
Intel Core i7-985 @ 3.47GHz	6641	750	NA	NA
Intel Core i7-990X @ 3.47GHz	9049	497	25.86	\$349.99*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i7-995X @ 3.60GHz</u>	9791	422	NA	NA
<u>Intel Core i7-1065G7 @ 1.30GHz</u>	10491	365	NA	NA
<u>Intel Core i7-2600 @ 3.40GHz</u>	8180	586	<u>68.20</u>	<u>\$119.95</u>
<u>Intel Core i7-2600K @ 3.40GHz</u>	8431	565	<u>52.70</u>	<u>\$160.00</u>
<u>Intel Core i7-2600S @ 2.80GHz</u>	7087	701	<u>67.42</u>	<u>\$105.12*</u>
<u>Intel Core i7-2610UE @ 1.50GHz</u>	2481	1622	NA	NA
<u>Intel Core i7-2617M @ 1.50GHz</u>	2812	1504	NA	NA
<u>Intel Core i7-2620M @ 2.70GHz</u>	3840	1199	<u>22.62</u>	<u>\$169.81*</u>
<u>Intel Core i7-2630QM @ 2.00GHz</u>	5523	877	<u>53.73</u>	<u>\$102.81*</u>
<u>Intel Core i7-2630UM @ 1.60GHz</u>	2584	1578	NA	NA
<u>Intel Core i7-2635QM @ 2.00GHz</u>	5426	890	NA	NA
<u>Intel Core i7-2637M @ 1.70GHz</u>	2904	1474	NA	NA
<u>Intel Core i7-2640M @ 2.80GHz</u>	3925	1185	<u>32.77</u>	<u>\$119.81</u>
<u>Intel Core i7-2655LE @ 2.20GHz</u>	3229	1361	NA	NA
<u>Intel Core i7-2670QM @ 2.20GHz</u>	5880	824	<u>42.30</u>	<u>\$139.00*</u>
<u>Intel Core i7-2675QM @ 2.20GHz</u>	5546	872	NA	NA
<u>Intel Core i7-2677M @ 1.80GHz</u>	2837	1495	NA	NA
<u>Intel Core i7-2700K @ 3.50GHz</u>	8689	539	<u>28.96</u>	<u>\$300.00</u>
<u>Intel Core i7-2710QE @ 2.10GHz</u>	5768	840	NA	NA
<u>Intel Core i7-2715QE @ 2.10GHz</u>	5365	903	NA	NA
<u>Intel Core i7-2720QM @ 2.20GHz</u>	6108	800	<u>32.16</u>	<u>\$189.95</u>
<u>Intel Core i7-2760QM @ 2.40GHz</u>	6555	756	<u>31.22</u>	<u>\$209.95</u>
<u>Intel Core i7-2820QM @ 2.30GHz</u>	6646	749	<u>36.72</u>	<u>\$181.02*</u>
<u>Intel Core i7-2840QM @ 2.40GHz</u>	6766	731	NA	NA
<u>Intel Core i7-2860QM @ 2.50GHz</u>	6951	715	<u>12.85</u>	<u>\$541.00*</u>
<u>Intel Core i7-2920XM @ 2.50GHz</u>	7006	708	<u>15.91</u>	<u>\$440.44*</u>
<u>Intel Core i7-2960XM @ 2.70GHz</u>	7224	692	<u>17.62</u>	<u>\$409.95*</u>
<u>Intel Core i7-3517U @ 1.90GHz</u>	3539	1273	NA	NA
<u>Intel Core i7-3517UE @ 1.70GHz</u>	3150	1391	NA	NA
<u>Intel Core i7-3520M @ 2.90GHz</u>	4551	1052	<u>34.47</u>	<u>\$132.02*</u>
<u>Intel Core i7-3537U @ 2.00GHz</u>	3810	1209	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i7-3540M @ 3.00GHz</u>	4667	1024	<u>10.86</u>	<u>\$429.95*</u>
<u>Intel Core i7-3555I F @ 2.50GHz</u>	3966	1169	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3610QE @ 2.30GHz	6544	758	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7459	667	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	743	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6819	725	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	668	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7389	678	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7583	656	31.73	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6927	719	32.36	\$214.05
Intel Core i7-3635QM @ 2.40GHz	6673	746	NA	NA
Intel Core i7-3667U @ 2.00GHz	3980	1168	NA	NA
Intel Core i7-3687U @ 2.10GHz	4124	1143	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1364	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8123	593	22.38	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	8295	577	34.57	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9276	475	71.91	\$129.00
Intel Core i7-3770K @ 3.50GHz	9514	448	45.52	\$209.00
Intel Core i7-3770S @ 3.10GHz	8899	516	29.66	\$300.00
Intel Core i7-3770T @ 2.50GHz	8204	585	24.86	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8987	503	53.18	\$169.00
Intel Core i7-3820QM @ 2.70GHz	8403	569	29.49	\$285.00*
Intel Core i7-3840QM @ 2.80GHz	8762	533	26.16	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	8984	505	8.20	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11973	300	63.02	\$189.99
Intel Core i7-3940XM @ 3.00GHz	9168	484	15.03	\$609.95*
Intel Core i7-3960X @ 3.30GHz	12564	279	114.24	\$109.99
Intel Core i7-3970X @ 3.50GHz	12692	274	31.73	\$399.99
Intel Core i7-4500U @ 1.80GHz	3785	1211	NA	NA
Intel Core i7-4510U @ 2.00GHz	3918	1188	NA	NA
Intel Core i7-4550U @ 1.50GHz	3676	1246	NA	NA
Intel Core i7-4558U @ 2.80GHz	4401	1086	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	1100	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	1010	NA	NA
Intel Core i7-4600M @ 2.90GHz	4908	986	NA	NA
Intel Core i7-4600U @ 2.10GHz	4102	1147	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4610M @ 3.00GHz	4923	983	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1226	NA	NA
Intel Core i7-4650U @ 1.70GHz	3948	1175	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7203	693	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7736	643	20.20	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7688	647	40.68	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7417	673	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7131	699	32.65	\$218.45*
Intel Core i7-4710HQ @ 2.50GHz	7723	644	20.43	\$378.00*
Intel Core i7-4710MQ @ 2.50GHz	7982	614	29.40	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7532	660	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7200	694	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7991	611	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4722HQ @ 2.40GHz	8093	595	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8209	584	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8793	527	NA	NA
Intel Core i7-4765T @ 2.00GHz	7297	683	14.34	\$508.95
Intel Core i7-4770 @ 3.40GHz	9780	425	52.62	\$185.87
Intel Core i7-4770HQ @ 2.20GHz	8961	508	NA	NA
Intel Core i7-4770K @ 3.50GHz	10073	393	29.11	\$345.98
Intel Core i7-4770R @ 3.20GHz	9830	419	NA	NA
Intel Core i7-4770S @ 3.10GHz	9355	465	15.34	\$610.00*
Intel Core i7-4770T @ 2.50GHz	8610	549	21.53	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	740	NA	NA
Intel Core i7-4771 @ 3.50GHz	9856	417	16.16	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7643	652	NA	NA
Intel Core i7-4790 @ 3.60GHz	9991	402	52.76	\$189.39
Intel Core i7-4790K @ 4.00GHz	11164	322	36.02	\$309.99
Intel Core i7-4790S @ 3.20GHz	9562	445	35.55	\$269.00*
Intel Core i7-4790T @ 2.70GHz	9078	492	25.22	\$359.99
Intel Core i7-4800MQ @ 2.70GHz	8445	562	41.40	\$204.00*
Intel Core i7-4810MQ @ 2.80GHz	8656	544	45.57	\$189.95*
Intel Core i7-4820K @ 3.70GHz	9719	432	44.18	\$219.99*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4850HQ @ 2.30GHz	9056	496	20.87	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7900	621	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9275	476	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9353	466	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8976	506	15.30	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9336	467	20.30	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13023	262	16.28	\$799.97*
Intel Core i7-4930MX @ 3.00GHz	9444	458	8.62	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9779	427	13.77	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9856	418	15.82	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13800	235	17.92	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10306	374	NA	NA
Intel Core i7-5500U @ 2.40GHz	3981	1166	NA	NA
Intel Core i7-5550U @ 2.00GHz	3851	1198	NA	NA
Intel Core i7-5557U @ 3.10GHz	4955	976	7.03	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4323	1104	NA	NA
Intel Core i7-5650U @ 2.20GHz	4242	1119	NA	NA
Intel Core i7-5675C @ 3.10GHz	8330	576	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	582	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8348	575	NA	NA
Intel Core i7-5775C @ 3.30GHz	10852	341	15.81	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10879	340	NA	NA
Intel Core i7-5820K @ 3.30GHz	13012	263	61.97	\$209.99
Intel Core i7-5850EQ @ 2.70GHz	9817	420	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	455	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13664	239	56.94	\$239.99
Intel Core i7-5950HQ @ 2.90GHz	10850	342	NA	NA
Intel Core i7-5960X @ 3.00GHz	15984	171	18.78	\$851.31
Intel Core i7-6498DU @ 2.50GHz	4483	1070	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6500U @ 2.50GHz	4420	1081	11.25	\$393.00*
Intel Core i7-6560U @ 2.20GHz	4822	1000	NA	NA
Intel Core i7-6567U @ 3.30GHz	5582	865	NA	NA
Intel Core i7-6600U @ 2.60GHz	4802	1005	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6650U @ 2.20GHz	4978	971	NA	NA
Intel Core i7-6700 @ 3.40GHz	10005	399	28.60	\$349.89*
Intel Core i7-6700HQ @ 2.60GHz	8126	591	21.50	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11108	323	35.56	\$312.39*
Intel Core i7-6700T @ 2.80GHz	8995	502	23.92	\$375.99*
Intel Core i7-6700TE @ 2.40GHz	8674	542	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9717	433	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13563	245	45.98	\$294.99
Intel Core i7-6820EQ @ 2.80GHz	8683	540	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9118	488	24.12	\$378.00*
Intel Core i7-6820HQ @ 2.70GHz	8764	531	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6501	761	NA	NA
Intel Core i7-6850K @ 3.60GHz	14370	215	35.93	\$399.99
Intel Core i7-6900K @ 3.20GHz	17598	130	23.46	\$750.00
Intel Core i7-6920HQ @ 2.90GHz	9552	447	16.82	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19917	94	11.16	\$1,785.00
Intel Core i7-7500U @ 2.70GHz	5120	939	NA	NA
Intel Core i7-7560U @ 2.40GHz	5769	839	NA	NA
Intel Core i7-7567U @ 3.50GHz	6465	763	8.28	\$780.49
Intel Core i7-7600U @ 2.80GHz	5109	942	NA	NA
Intel Core i7-7660U @ 2.50GHz	5991	813	NA	NA
Intel Core i7-7700 @ 3.60GHz	10687	351	33.50	\$319.00
Intel Core i7-7700HQ @ 2.80GHz	8763	532	23.18	\$378.00*
Intel Core i7-7700K @ 4.20GHz	11990	299	26.65	\$449.95
Intel Core i7-7700T @ 2.90GHz	9318	471	24.20	\$385.00
Intel Core i7-7740X @ 4.30GHz	12190	293	31.67	\$384.90*
Intel Core i7-7800X @ 3.50GHz	14656	207	28.74	\$509.99*
Intel Core i7-7820EQ @ 3.00GHz	9144	486	24.19	\$378.00*
Intel Core i7-7820HK @ 2.90GHz	9961	407	26.35	\$378.00*
Intel Core i7-7820HQ @ 2.90GHz	9261	477	24.50	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18517	117	27.85	\$665.00
Intel Core i7-7900X @ 3.30GHz	20474	86	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9991	401	17.59	\$568.00*
Intel Core i7-8086K @ 4.00GHz	16685	145	30.17	\$552.96*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8500Y @ 1.50GHz	3945	1180	10.04	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8240	581	NA	NA
Intel Core i7-8557U @ 1.70GHz	10470	369	24.29	\$431.00*
Intel Core i7-8559U @ 2.70GHz	12209	292	17.32	\$705.00*
Intel Core i7-8565U @ 1.80GHz	8799	526	NA	NA
Intel Core i7-8650U @ 1.90GHz	8673	543	21.15	\$409.99*
Intel Core i7-8665U @ 1.90GHz	8627	546	21.09	\$409.00*
Intel Core i7-8665UE @ 1.70GHz	8731	536	21.35	\$409.00*
Intel Core i7-8700 @ 3.20GHz	15135	195	38.93	\$388.76
Intel Core i7-8700B @ 3.20GHz	14963	200	49.39	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15934	172	36.90	\$431.81
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8700T @ 2.40GHz	12627	277	27.51	\$459.00
Intel Core i7-8705G @ 3.10GHz	9898	411	7.03	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10539	360	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	426	NA	NA
Intel Core i7-8750H @ 2.20GHz	12390	282	31.37	\$395.00*
Intel Core i7-8809G @ 3.10GHz	10994	330	NA	NA
Intel Core i7-8850H @ 2.60GHz	12952	264	32.79	\$395.00*
Intel Core i7-9700 @ 3.00GHz	15985	170	38.99	\$409.99
Intel Core i7-9700F @ 3.00GHz	16527	150	42.88	\$385.45
Intel Core i7-9700K @ 3.60GHz	17205	135	43.01	\$399.99
Intel Core i7-9700KF @ 3.60GHz	16871	143	46.87	\$359.99*
Intel Core i7-9700T @ 2.00GHz	13360	253	41.36	\$323.00*
Intel Core i7-9700TE @ 1.80GHz	12688	275	39.28	\$323.00*
Intel Core i7-9750H @ 2.60GHz	13590	244	34.41	\$395.00*
Intel Core i7-9800X @ 3.80GHz	19781	98	33.02	\$599.00
Intel Core i7-9850H @ 2.60GHz	13743	237	34.79	\$395.00*
Intel Core i7-9850HL @ 1.90GHz	11340	315	28.71	\$395.00*
Intel Core i7-10510U @ 1.80GHz	9638	440	23.57	\$409.00*
Intel Core i7-10710U @ 1.10GHz	12334	284	27.84	\$443.00*
Intel Core i9-7900X @ 3.30GHz	21884	67	21.31	\$1,027.12*
Intel Core i9-7920X @ 2.90GHz	23294	57	17.30	\$1,346.25*
Intel Core i9-7940X @ 3.10GHz	25414	39	27.93	\$999.99*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-7960X @ 2.80GHz	26045	33	19.29	\$1,349.99*
Intel Core i9-7980XE @ 2.60GHz	27680	27	17.64	\$1,569.00
Intel Core i9-8950HK @ 2.90GHz	14191	221	24.34	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21053	79	36.63	\$574.68
Intel Core i9-9880H @ 2.30GHz	16316	157	29.35	\$556.00*
Intel Core i9-9900 @ 3.10GHz	18752	115	35.82	\$523.57
Intel Core i9-9900K @ 3.60GHz	20194	92	38.47	\$524.99
Intel Core i9-9900KF @ 3.60GHz	20370	89	42.54	\$478.89
Intel Core i9-9900KS @ 4.00GHz	21568	72	33.18	\$649.99
Intel Core i9-9900T @ 2.10GHz	15322	190	34.90	\$439.00*
Intel Core i9-9900X @ 3.50GHz	22990	59	26.73	\$859.99
Intel Core i9-9920X @ 3.50GHz	25123	44	22.66	\$1,108.56
Intel Core i9-9940X @ 3.30GHz	26911	29	23.16	\$1,162.15
Intel Core i9-9960X @ 3.10GHz	28487	21	21.26	\$1,339.83
Intel Core i9-9980HK @ 2.40GHz	17579	131	30.15	\$583.00*
Intel Core i9-9980XE @ 3.00GHz	29661	17	12.84	\$2,309.99
Intel Core i9-10900X @ 3.70GHz	24159	51	37.46	\$644.89
Intel Core i9-10920X @ 3.50GHz	26027	34	34.70	\$749.99
Intel Core i9-10940X @ 3.30GHz	27741	25	28.90	\$959.90
Intel Core i9-10980XE @ 3.00GHz	31752	11	32.43	\$979.00*
Intel Core m3-6Y30 @ 0.90GHz	3025	1429	10.77	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3514	1284	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3391	1315	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3741	1227	13.32	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3340	1331	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3234	1359	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3466	1297	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core M-5Y10 @ 0.80GHz	2653	1555	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1656	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2823	1501	10.05	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2782	1516	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2486	1619	NA	NA
Intel Core M-5Y70 @ 1.10GHz	2912	1470	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core M-5Y71 @ 1.20GHz</u>	2996	1440	<u>10.66</u>	<u>\$281.00*</u>
<u>Intel Core Solo T1300 @ 1.66GHz</u>	393	2731	NA	NA
<u>Intel Core Solo T1350 @ 1.86GHz</u>	396	2724	NA	NA
<u>Intel Core Solo T1400 @ 1.83GHz</u>	470	2642	NA	NA
<u>Intel Core Solo U1300 @ 1.06GHz</u>	270	2888	NA	NA
<u>Intel Core Solo U1400 @ 1.20GHz</u>	278	2879	NA	NA
<u>Intel Core Solo U1500 @ 1.33GHz</u>	330	2801	NA	NA
<u>Intel E3000 @ 3.40GHz</u>	2767	1519	NA	NA
<u>Intel Pentium 4 1.40GHz</u>	164	2987	NA	NA
<u>Intel Pentium 4 1.50GHz</u>	131	3004	NA	NA
<u>Intel Pentium 4 1.60GHz</u>	129	3005	NA	NA
<u>Intel Pentium 4 1.70GHz</u>	132	3003	NA	NA
<u>Intel Pentium 4 1.80GHz</u>	161	2990	NA	NA
<u>Intel Pentium 4 1.90GHz</u>	159	2991	NA	NA
<u>Intel Pentium 4 2.00GHz</u>	189	2968	NA	NA
<u>Intel Pentium 4 2.20GHz</u>	209	2950	NA	NA
<u>Intel Pentium 4 2.26GHz</u>	221	2938	NA	NA
<u>Intel Pentium 4 2.40GHz</u>	227	2932	NA	NA
<u>Intel Pentium 4 2.50GHz</u>	245	2916	NA	NA
<u>Intel Pentium 4 2.53GHz</u>	248	2912	NA	NA
<u>Intel Pentium 4 2.60GHz</u>	288	2858	NA	NA
<u>Intel Pentium 4 2.66GHz</u>	254	2904	NA	NA
<u>Intel Pentium 4 2.80GHz</u>	322	2807	NA	NA
<u>Intel Pentium 4 2.93GHz</u>	293	2849	NA	NA
<u>Intel Pentium 4 3.00GHz</u>	353	2778	NA	NA
<u>Intel Pentium 4 3.06GHz</u>	347	2781	NA	NA
<u>Intel Pentium 4 3.20GHz</u>	373	2752	NA	NA
<u>Intel Pentium 4 3.40GHz</u>	395	2726	NA	NA
<u>Intel Pentium 4 3.46GHz</u>	454	2660	NA	NA
<u>Intel Pentium 4 3.60GHz</u>	485	2627	NA	NA
<u>Intel Pentium 4 3.73GHz</u>	486	2624	NA	NA
<u>Intel Pentium 4 3.80GHz</u>	485	2626	NA	NA
<u>Intel Pentium 4 3.83GHz</u>	195	2962	NA	NA
<u>Intel Pentium 4 4.00GHz</u>	184	2973	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 1300MHz	119	3010	NA	NA
Intel Pentium 4 1400MHz	127	3007	NA	NA
Intel Pentium 4 1500MHz	125	3008	NA	NA
Intel Pentium 4 1600MHz	193	2967	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2994	NA	NA
Intel Pentium 4 1800MHz	162	2989	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2997	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2961	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2979	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 Mobile 1.70GHz	208	2951	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2983	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2949	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2957	NA	NA
Intel Pentium 5 2.66GHz	705	2502	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2286	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1140	2266	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2261	NA	NA
Intel Pentium 987 @ 1.50GHz	1223	2215	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	2113	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1530	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1430	NA	NA
Intel Pentium 2020M @ 2.40GHz	2274	1698	16.97	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2398	1651	17.90	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1656	1997	12.36	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1813	1907	13.54	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1062	2307	7.93	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2266	1702	NA	NA
Intel Pentium 3556U @ 1.70GHz	1661	1994	NA	NA
Intel Pentium 3558U @ 1.70GHz	1666	1987	NA	NA
Intel Pentium 3560M @ 2.40GHz	2269	1701	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2192	NA	NA
Intel Pentium 3805U @ 1.90GHz	1960	1832	NA	NA
Intel Pentium 3825U @ 1.90GHz	2508	1609	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4405U @ 2.10GHz	2930	1462	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1789	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2050	1792	12.73	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3149	1392	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2224	1724	13.81	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3190	1373	19.82	\$161.00*
Intel Pentium 5405U @ 2.30GHz	3172	1378	19.70	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	2022	NA	NA
Intel Pentium B940 @ 2.00GHz	1725	1946	57.64	\$29.94*
Intel Pentium B950 @ 2.10GHz	1713	1955	NA	NA
Intel Pentium B960 @ 2.20GHz	1851	1889	37.80	\$48.99*
Intel Pentium B970 @ 2.30GHz	1951	1840	38.27	\$50.99*
Intel Pentium B980 @ 2.40GHz	2019	1806	28.88	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1208	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	529	2590	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2533	NA	NA
Intel Pentium D 915 @ 2.80GHz	584	2561	NA	NA
Intel Pentium D 940 @ 3.20GHz	710	2498	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2486	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2457	NA	NA
Intel Pentium E2140 @ 1.60GHz	871	2422	9.69	\$89.95
Intel Pentium E2160 @ 1.80GHz	997	2347	64.30	\$15.51
Intel Pentium E2180 @ 2.00GHz	1088	2292	36.28	\$29.99*
Intel Pentium E2200 @ 2.20GHz	1202	2228	16.03	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2242	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E2220 @ 2.40GHz	1331	2149	15.48	\$85.99*
Intel Pentium E5200 @ 2.50GHz	1486	2077	24.77	\$60.00
Intel Pentium E5300 @ 2.60GHz	1540	2047	35.57	\$43.31
Intel Pentium E5400 @ 2.70GHz	1596	2027	89.90	\$17.76
Intel Pentium E5500 @ 2.80GHz	1637	2004	62.99	\$25.99*
Intel Pentium E5700 @ 3.00GHz	1737	1942	115.94	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1887	1873	83.88	\$22.50
Intel Pentium F6300 @ 2.80GHz	1705	1962	165.55	\$10.30*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E6500 @ 2.93GHz	1766	1927	11.18	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1861	1886	18.62	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1930	1849	64.37	\$29.99
Intel Pentium E6800 @ 3.33GHz	1974	1825	22.19	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2410	29.21	\$31.23*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2370	NA	NA
Intel Pentium G620 @ 2.60GHz	2285	1691	38.10	\$59.99
Intel Pentium G620T @ 2.20GHz	2033	1797	25.42	\$79.99*
Intel Pentium G630 @ 2.70GHz	2368	1662	23.69	\$100.00
Intel Pentium G630T @ 2.30GHz	2086	1772	26.09	\$79.99*
Intel Pentium G640 @ 2.80GHz	2520	1603	63.01	\$40.00
Intel Pentium G640T @ 2.40GHz	1979	1822	NA	NA
Intel Pentium G645 @ 2.90GHz	2586	1576	64.66	\$40.00
Intel Pentium G645T @ 2.50GHz	2227	1719	NA	NA
Intel Pentium G840 @ 2.80GHz	2560	1588	73.19	\$34.99*
Intel Pentium G850 @ 2.90GHz	2657	1553	88.95	\$29.88
Intel Pentium G860 @ 3.00GHz	2735	1535	32.96	\$82.99
Intel Pentium G870 @ 3.10GHz	2785	1514	28.72	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2594	1573	51.89	\$50.00*
Intel Pentium G2020 @ 2.90GHz	2753	1527	45.93	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2418	1641	50.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2864	1489	59.69	\$48.00
Intel Pentium G2030T @ 2.60GHz	2496	1616	39.01	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1524	NA	NA
Intel Pentium G2120 @ 3.10GHz	3079	1415	19.30	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3195	1371	63.93	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3377	1319	41.41	\$81.56
Intel Pentium G3220 @ 3.00GHz	3125	1399	32.58	\$95.93
Intel Pentium G3220T @ 2.60GHz	2560	1589	40.65	\$62.98*
Intel Pentium G3240 @ 3.10GHz	3155	1388	63.11	\$49.99
Intel Pentium G3240T @ 2.70GHz	2840	1493	NA	NA
Intel Pentium G3250 @ 3.20GHz	3242	1357	13.93	\$232.84*
Intel Pentium G3250T @ 2.80GHz	2969	1451	33.00	\$89.99*

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Intel Pentium G3258 @ 3.20GHz	3863	1192	35.13	\$109.99
Intel Pentium G3260 @ 3.30GHz	3357	1323	23.98	\$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1463	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1653	NA	NA
Intel Pentium G3420 @ 3.20GHz	3393	1312	52.21	\$65.00
Intel Pentium G3420T @ 2.70GHz	3008	1433	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1311	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3324	1335	20.79	\$159.94*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3440T @ 2.80GHz	3101	1405	NA	NA
Intel Pentium G3450 @ 3.40GHz	3696	1241	36.97	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1452	NA	NA
Intel Pentium G3460 @ 3.50GHz	3587	1265	12.45	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3714	1237	35.62	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3531	1278	44.43	\$79.50
Intel Pentium G4400T @ 2.90GHz	3168	1380	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1486	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3792	1210	42.61	\$89.00
Intel Pentium G4500T @ 3.00GHz	3471	1296	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1132	38.05	\$109.99*
Intel Pentium G4560 @ 3.50GHz	4859	996	43.93	\$110.62*
Intel Pentium G4560T @ 2.90GHz	3990	1165	36.28	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5070	946	21.13	\$239.95
Intel Pentium G4600T @ 3.00GHz	4266	1115	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5215	924	45.89	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1855	1887	46.41	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1753	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2043	1794	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5214	925	80.23	\$64.99
Intel Pentium Gold G5400T @ 3.10GHz	4884	989	76.31	\$64.00*
Intel Pentium Gold G5420 @ 3.80GHz	5309	914	60.37	\$87.95
Intel Pentium Gold G5420T @ 3.20GHz	5156	934	80.57	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5195	928	30.58	\$169.90*
Intel Pentium Gold G5500T @ 3.20GHz	4346	1097	57.95	\$75.00*

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<u>Intel Pentium Gold G5600 @ 3.90GHz</u>	5570	867	<u>59.90</u>	<u>\$92.99</u>
<u>Intel Pentium Gold G5600F @ 3.90GHz</u>	5736	845	NA	NA
<u>Intel Pentium Gold G5620 @ 4.00GHz</u>	5655	854	<u>33.84</u>	<u>\$167.13*</u>
<u>Intel Pentium III 933S @ 933MHz</u>	238	2924	NA	NA
<u>Intel Pentium III 1133 @ 1133MHz</u>	284	2862	NA	NA
<u>Intel Pentium III 1200 @ 1200MHz</u>	278	2878	NA	NA
<u>Intel Pentium III 1266S @ 1266MHz</u>	309	2823	NA	NA
<u>Intel Pentium III 1400 @ 1400MHz</u>	297	2842	NA	NA
<u>Intel Pentium III 1400S @ 1400MHz</u>	299	2839	NA	NA
<u>Intel Pentium III Mobile 750MHz</u>	103	3012	NA	NA
<u>Intel Pentium III Mobile 800MHz</u>	182	2976	NA	NA
<u>Intel Pentium III Mobile 866MHz</u>	152	2995	NA	NA
<u>Intel Pentium III Mobile 933MHz</u>	218	2939	<u>7.55</u>	<u>\$28.99*</u>
<u>Intel Pentium III Mobile 1000MHz</u>	245	2915	NA	NA
<u>Intel Pentium III Mobile 1066MHz</u>	246	2914	NA	NA
<u>Intel Pentium III Mobile 1133MHz</u>	251	2908	NA	NA
<u>Intel Pentium III Mobile 1200MHz</u>	240	2922	NA	NA
<u>Intel Pentium J2850 @ 2.41GHz</u>	1775	1923	NA	NA
<u>Intel Pentium J2900 @ 2.41GHz</u>	1974	1826	NA	NA
<u>Intel Pentium J3710 @ 1.60GHz</u>	1918	1856	NA	NA
<u>Intel Pentium J4205 @ 1.50GHz</u>	2264	1703	NA	NA
<u>Intel Pentium M 1.10GHz</u>	282	2868	NA	NA
<u>Intel Pentium M 1.20GHz</u>	298	2840	NA	NA
<u>Intel Pentium M 1.30GHz</u>	301	2833	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Pentium M 1.40GHz</u>	345	2785	NA	NA
<u>Intel Pentium M 1.50GHz</u>	366	2762	NA	NA
<u>Intel Pentium M 1.60GHz</u>	364	2767	NA	NA
<u>Intel Pentium M 1.70GHz</u>	406	2710	NA	NA
<u>Intel Pentium M 1.73GHz</u>	412	2702	NA	NA
<u>Intel Pentium M 1.80GHz</u>	411	2703	NA	NA
<u>Intel Pentium M 1.86GHz</u>	438	2677	NA	NA
<u>Intel Pentium M 2.00GHz</u>	461	2652	NA	NA
<u>Intel Pentium M 2.10GHz</u>	448	2665	NA	NA

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Intel Pentium M 2.13GHz	499	2615	NA	NA
Intel Pentium M 2.26GHz	509	2607	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2632	NA	NA
Intel Pentium M 900MHz	217	2943	NA	NA
Intel Pentium M 1000MHz	233	2928	NA	NA
Intel Pentium M 1100MHz	259	2900	NA	NA
Intel Pentium M 1200MHz	237	2925	NA	NA
Intel Pentium M 1300MHz	303	2827	NA	NA
Intel Pentium M 1400MHz	320	2809	NA	NA
Intel Pentium M 1500MHz	354	2775	NA	NA
Intel Pentium M 1600MHz	335	2794	NA	NA
Intel Pentium M 1700MHz	376	2747	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	2056	NA	NA
Intel Pentium N3520 @ 2.16GHz	1803	1911	NA	NA
Intel Pentium N3530 @ 2.16GHz	1911	1858	NA	NA
Intel Pentium N3540 @ 2.16GHz	1933	1847	7.71	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1833	1898	4.12	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1863	1884	NA	NA
Intel Pentium N4200 @ 1.10GHz	2027	1800	8.67	\$233.98*
Intel Pentium P6000 @ 1.87GHz	1244	2207	NA	NA
Intel Pentium P6100 @ 2.00GHz	1327	2151	46.67	\$28.44*
Intel Pentium P6200 @ 2.13GHz	1350	2138	30.05	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1372	2127	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2903	1475	13.53	\$214.65
Intel Pentium Silver N5000 @ 1.10GHz	2452	1628	15.24	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2712	NA	NA
Intel Pentium SU4100 @ 1.30GHz	853	2435	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2439	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2522	NA	NA
Intel Pentium T2080 @ 1.73GHz	706	2500	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	706	2499	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2489	NA	NA
Intel Pentium T2330 @ 1.60GHz	828	2445	NA	NA
Intel Pentium T2370 @ 1.73GHz	848	2437	24.25	\$35.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2390 @ 1.86GHz	948	2383	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2360	NA	NA
Intel Pentium T3200 @ 2.00GHz	1032	2320	86.07	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1116	2272	12.41	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1152	2258	96.00	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1232	2211	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T4400 @ 2.20GHz	1281	2181	NA	NA
Intel Pentium T4500 @ 2.30GHz	1332	2147	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2451	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2381	NA	NA
Intel T1200 @ 1.50GHz	435	2683	NA	NA
Intel T1400 @ 1.73GHz	929	2397	NA	NA
Intel T1500 @ 1.86GHz	953	2379	NA	NA
Intel T2050 @ 2.00GHz	959	2374	NA	NA
Intel Xeon 2.00GHz	233	2927	NA	NA
Intel XEON 2.20GHz	252	2906	NA	NA
Intel Xeon 2.40GHz	276	2881	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2682	NA	NA
Intel Xeon 2.80GHz	400	2722	NA	NA
Intel Xeon 3.00GHz	391	2735	NA	NA
Intel Xeon 3.06GHz	491	2619	NA	NA
Intel Xeon 3.20GHz	461	2653	NA	NA
Intel Xeon 3.40GHz	478	2635	NA	NA
Intel Xeon 3.60GHz	509	2606	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2316	NA	NA
Intel Xeon 3.80GHz	604	2550	0.71	\$851.00*
Intel Xeon 1500MHz	193	2966	NA	NA
Intel Xeon 3040 @ 1.86GHz	1278	2183	51.05	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2164	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	2057	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	2055	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1921	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1895	5.26	\$349.95*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon 3085 @ 3.00GHz</u>	1772	1925	NA	NA
<u>Intel Xeon 5110 @ 1.60GHz</u>	1084	2295	<u>30.99</u>	<u>\$35.00*</u>
<u>Intel Xeon 5120 @ 1.86GHz</u>	1248	2206	<u>0.77</u>	<u>\$1,619.99*</u>
<u>Intel Xeon 5130 @ 2.00GHz</u>	1366	2129	<u>27.90</u>	<u>\$48.99*</u>
<u>Intel Xeon 5133 @ 2.20GHz</u>	1598	2026	NA	NA
<u>Intel Xeon 5140 @ 2.33GHz</u>	1636	2005	<u>65.49</u>	<u>\$24.99*</u>
<u>Intel Xeon 5148 @ 2.33GHz</u>	1590	2031	<u>121.17</u>	<u>\$13.13*</u>
<u>Intel Xeon 5150 @ 2.66GHz</u>	1740	1939	<u>12.44</u>	<u>\$139.95*</u>
<u>Intel Xeon 5160 @ 3.00GHz</u>	1958	1834	<u>39.17</u>	<u>\$49.99*</u>
<u>Intel Xeon @ 2.00GHz</u>	11327	316	NA	NA
<u>Intel Xeon @ 2.20GHz</u>	1902	1863	NA	NA
<u>Intel Xeon Bronze 3104 @ 1.70GHz</u>	5685	850	<u>24.67</u>	<u>\$230.49*</u>
<u>Intel Xeon Bronze 3106 @ 1.70GHz</u>	6791	728	<u>19.06</u>	<u>\$356.27*</u>
<u>Intel Xeon D-1518 @ 2.20GHz</u>	5322	913	NA	NA
<u>Intel Xeon D-1520 @ 2.20GHz</u>	5755	842	NA	NA
<u>Intel Xeon D-1521 @ 2.40GHz</u>	6980	711	NA	NA
<u>Intel Xeon D-1528 @ 1.90GHz</u>	8210	583	NA	NA
<u>Intel Xeon D-1531 @ 2.20GHz</u>	9643	439	<u>27.71</u>	<u>\$348.00*</u>
<u>Intel Xeon D-1537 @ 1.70GHz</u>	8445	563	<u>14.79</u>	<u>\$571.00*</u>
<u>Intel Xeon D-1539 @ 1.60GHz</u>	8443	564	<u>17.37</u>	<u>\$486.00*</u>
<u>Intel Xeon D-1540 @ 2.00GHz</u>	10740	347	NA	NA
<u>Intel Xeon D-1541 @ 2.10GHz</u>	11083	325	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon D-1548 @ 2.00GHz</u>	10679	352	<u>19.24</u>	<u>\$555.00*</u>
<u>Intel Xeon D-1557 @ 1.50GHz</u>	10950	335	<u>15.78</u>	<u>\$694.00*</u>
<u>Intel Xeon D-1559 @ 1.50GHz</u>	8055	598	NA	NA
<u>Intel Xeon D-1567 @ 2.10GHz</u>	14482	212	NA	NA
<u>Intel Xeon D-1587 @ 1.70GHz</u>	14049	225	NA	NA
<u>Intel Xeon D-2123IT @ 2.20GHz</u>	8150	589	<u>38.26</u>	<u>\$213.00*</u>
<u>Intel Xeon D-2141I @ 2.20GHz</u>	12836	268	<u>23.13</u>	<u>\$555.00*</u>
<u>Intel Xeon D-2143IT @ 2.20GHz</u>	13816	234	<u>24.41</u>	<u>\$566.00*</u>
<u>Intel Xeon D-2146NT @ 2.30GHz</u>	10968	334	<u>17.11</u>	<u>\$641.00*</u>
<u>Intel Xeon D-2166NT @ 2.00GHz</u>	15922	173	<u>15.84</u>	<u>\$1,005.00*</u>
<u>Intel Xeon D-2183IT @ 2.20GHz</u>	19381	109	<u>10.99</u>	<u>\$1,764.00*</u>

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Intel Xeon E3-1220 @ 3.10GHz	6259	782	142.27	\$44.00
Intel Xeon E3-1220 V2 @ 3.10GHz	6748	737	125.00	\$53.99
Intel Xeon E3-1220 v3 @ 3.10GHz	7186	696	53.24	\$134.99
Intel Xeon E3-1220 v5 @ 3.00GHz	7774	638	29.18	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7752	640	33.47	\$231.60
Intel Xeon E3-1220L @ 2.20GHz	3606	1257	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	1082	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2070	1781	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	6103	802	103.47	\$58.99
Intel Xeon E3-1225 V2 @ 3.20GHz	6986	709	107.51	\$64.99
Intel Xeon E3-1225 v3 @ 3.20GHz	7253	688	53.34	\$135.99
Intel Xeon E3-1225 v5 @ 3.30GHz	7834	629	29.23	\$268.04*
Intel Xeon E3-1225 v6 @ 3.30GHz	7958	618	31.67	\$251.28
Intel Xeon E3-1226 v3 @ 3.30GHz	7590	655	12.76	\$595.00*
Intel Xeon E3-1230 @ 3.20GHz	7852	626	84.45	\$92.99
Intel Xeon E3-1230 V2 @ 3.30GHz	8871	522	113.74	\$78.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9329	468	29.06	\$320.99
Intel Xeon E3-1230 v5 @ 3.40GHz	9767	429	28.60	\$341.53*
Intel Xeon E3-1230 v6 @ 3.50GHz	9802	421	35.13	\$279.00
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	691	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9634	441	18.89	\$509.95
Intel Xeon E3-1235 @ 3.20GHz	7759	639	31.80	\$244.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	764	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7980	615	93.89	\$84.99
Intel Xeon E3-1240 V2 @ 3.40GHz	9154	485	85.57	\$106.99
Intel Xeon E3-1240 v3 @ 3.40GHz	9682	435	25.19	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10319	373	30.20	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10487	366	36.40	\$288.10
Intel Xeon E3-1240L v3 @ 2.00GHz	7486	663	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7746	641	27.87	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10024	396	27.09	\$369.99
Intel Xeon E3-1245 @ 3.30GHz	8040	599	86.47	\$92.99
Intel Xeon E3-1245 V2 @ 3.40GHz	9128	487	73.63	\$123.99
Intel Xeon E3-1245 v3 @ 3.40GHz	9593	444	31.05	\$309.00

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Intel Xeon E3-1245 v5 @ 3.50GHz	10175	385	29.47	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10550	358	21.10	\$499.95
Intel Xeon E3-1246 v3 @ 3.50GHz	9866	415	24.12	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6240	783	108.89	\$57.31
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	382	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	5961	816	6.49	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7488	662	50.60	\$148.00*
Intel Xeon E3-1265L v3 @ 2.50GHz	9185	483	12.94	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	495	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	627	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	538	19.05	\$456.54*
Intel Xeon E3-1270 @ 3.40GHz	8249	580	26.19	\$315.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9478	452	49.89	\$189.99
Intel Xeon E3-1270 v3 @ 3.50GHz	9924	408	49.62	\$199.99
Intel Xeon E3-1270 v5 @ 3.60GHz	10290	376	23.54	\$437.22
Intel Xeon E3-1270 v6 @ 3.80GHz	11171	321	31.46	\$355.07
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	350	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10118	388	11.40	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8111	594	26.68	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9424	460	23.88	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	10043	394	25.05	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10353	372	27.28	\$379.52*
Intel Xeon E3-1275 v6 @ 3.80GHz	11028	327	30.38	\$362.95
Intel Xeon E3-1275L v3 @ 2.70GHz	8896	519	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10241	380	9.54	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8420	566	25.35	\$332.20
Intel Xeon E3-1280 V2 @ 3.60GHz	9456	457	26.27	\$360.00*
Intel Xeon E3-1280 v3 @ 3.60GHz	9784	424	21.79	\$449.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	10620	356	15.39	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11041	326	20.65	\$534.78
Intel Xeon E3-1281 v3 @ 3.70GHz	10031	395	11.43	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10503	364	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	363	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1285 v6 @ 4.10GHz	11992	298	23.26	\$515.50
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	404	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10970	333	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	409	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	451	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8768	530	9.91	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9654	438	10.91	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	775	NA	NA
Intel Xeon E3-1505L v6 @ 2.20GHz	7887	622	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8966	507	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9678	436	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10016	398	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9323	470	14.97	\$623.00*
Intel Xeon E3-1535M v6 @ 3.10GHz	10541	359	16.92	\$623.00*
Intel Xeon E3-1545M v5 @ 2.90GHz	10283	377	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10628	355	8.81	\$1,207.00*
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	344	19.42	\$556.00*
Intel Xeon E3-1585L v5 @ 3.00GHz	10248	379	23.03	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7265	687	161.50	\$44.99
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	670	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1428L v2 @ 2.20GHz	8679	541	17.57	\$494.00*
Intel Xeon E5-1603 @ 2.80GHz	5580	866	279.42	\$19.97*
Intel Xeon E5-1603 v3 @ 2.80GHz	6224	786	62.25	\$99.99*
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	766	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5876	825	210.24	\$27.95*
Intel Xeon E5-1607 v2 @ 3.00GHz	6223	787	178.06	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	7029	706	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7270	685	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9072	493	27.50	\$329.93*
Intel Xeon E5-1620 v2 @ 3.70GHz	9501	449	206.55	\$46.00
Intel Xeon E5-1620 v3 @ 3.50GHz	9750	430	76.25	\$127.88*
Intel Xeon E5-1620 v4 @ 3.50GHz	9898	410	28.25	\$350.40
Intel Xeon E5-1630 v3 @ 3.70GHz	10228	381	21.40	\$477.99*

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Intel Xeon E5-1630 v4 @ 3.70GHz	10297	375	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11734	305	23.71	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12765	271	116.05	\$110.00
Intel Xeon E5-1650 v3 @ 3.50GHz	13632	242	104.88	\$129.99
Intel Xeon E5-1650 v4 @ 3.60GHz	14197	220	27.95	\$508.00*
Intel Xeon E5-1660 @ 3.30GHz	12210	291	9.95	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13919	228	49.36	\$281.99*
Intel Xeon E5-1660 v3 @ 3.00GHz	14656	208	35.84	\$408.95
Intel Xeon E5-1660 v4 @ 3.20GHz	16208	161	13.18	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16171	162	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16317	156	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17063	139	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	123	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1281	73.80	\$47.75*
Intel Xeon E5-2403 v2 @ 1.80GHz	3590	1264	161.73	\$22.20*
Intel Xeon E5-2407 @ 2.20GHz	4188	1130	49.32	\$84.92*
Intel Xeon E5-2407 v2 @ 2.40GHz	4810	1003	13.37	\$359.95*
Intel Xeon E5-2418L @ 2.00GHz	5202	927	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7063	704	363.90	\$19.41
Intel Xeon E5-2420 v2 @ 2.20GHz	8822	524	93.38	\$94.48*
Intel Xeon E5-2430 @ 2.20GHz	7695	645	25.23	\$304.99*
Intel Xeon E5-2430 v2 @ 2.50GHz	9061	494	110.52	\$81.99
Intel Xeon E5-2430L @ 2.00GHz	7834	628	242.71	\$32.28*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	751	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9221	481	236.51	\$38.99
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	474	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	513	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10478	368	142.57	\$73.50
Intel Xeon E5-2450L @ 1.80GHz	8261	579	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	10982	331	85.80	\$128.00*
Intel Xeon E5-2470 v2 @ 2.40GHz	11481	312	48.64	\$236.03
Intel Xeon E5-2603 @ 1.80GHz	3591	1263	75.05	\$47.85*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1217	62.78	\$59.99
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	931	75.07	\$69.00

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Intel Xeon E5-2603 v4 @ 1.70GHz	5524	876	21.25	\$260.00*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	625	17.82	\$441.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2609 @ 2.40GHz	4624	1035	49.45	\$93.52
Intel Xeon E5-2609 v2 @ 2.50GHz	5179	932	167.12	\$30.99*
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	821	55.66	\$106.03*
Intel Xeon E5-2609 v4 @ 1.70GHz	6925	720	19.25	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	294	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	210	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7900	620	92.03	\$85.85*
Intel Xeon E5-2620 v2 @ 2.10GHz	8619	547	221.00	\$39.00
Intel Xeon E5-2620 v3 @ 2.40GHz	9977	405	181.40	\$55.00
Intel Xeon E5-2620 v4 @ 2.10GHz	11324	317	29.11	\$389.00
Intel Xeon E5-2623 v3 @ 3.00GHz	8987	504	13.85	\$649.00*
Intel Xeon E5-2623 v4 @ 2.60GHz	8643	545	15.74	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	462	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	287	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	260	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	328	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8910	514	223.10	\$39.94*
Intel Xeon E5-2630 v2 @ 2.60GHz	10378	371	230.64	\$45.00
Intel Xeon E5-2630 v3 @ 2.40GHz	12797	269	101.51	\$126.07
Intel Xeon E5-2630 v4 @ 2.20GHz	13902	230	22.87	\$608.00
Intel Xeon E5-2630L @ 2.00GHz	8004	608	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	491	250.09	\$36.34
Intel Xeon E5-2630L v3 @ 1.80GHz	9666	437	20.14	\$479.90
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	267	NA	NA
Intel Xeon E5-2637 @ 3.00GHz	4508	1062	5.09	\$885.00*
Intel Xeon E5-2637 v2 @ 3.50GHz	9293	473	132.78	\$69.99*
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	389	80.96	\$124.98
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	362	8.84	\$1,188.65*
Intel Xeon E5-2640 @ 2.50GHz	9424	461	98.27	\$95.90*
Intel Xeon E5-2640 v2 @ 2.00GHz	10213	383	256.96	\$39.75*
Intel Xeon E5-2640 v3 @ 2.60GHz	13851	233	102.60	\$135.00*

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Intel Xeon E5-2640 v4 @ 2.40GHz	15420	188	16.76	\$920.27*
Intel Xeon E5-2643 @ 3.30GHz	8453	561	143.36	\$58.97*
Intel Xeon E5-2643 v2 @ 3.50GHz	13129	258	119.36	\$110.00
Intel Xeon E5-2643 v3 @ 3.40GHz	13887	231	55.55	\$250.00
Intel Xeon E5-2643 v4 @ 3.40GHz	13475	251	7.48	\$1,801.96*
Intel Xeon E5-2648L @ 1.80GHz	6698	744	NA	NA
Intel Xeon E5-2648L v2 @ 1.90GHz	11381	314	7.70	\$1,479.00*
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	313	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	240	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	206	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10257	378	235.79	\$43.50
Intel Xeon E5-2650 v2 @ 2.60GHz	13212	255	146.82	\$89.99
Intel Xeon E5-2650 v3 @ 2.30GHz	14893	202	129.51	\$115.00
Intel Xeon E5-2650 v4 @ 2.20GHz	15587	184	15.45	\$1,009.00*
Intel Xeon E5-2650L @ 1.80GHz	8483	560	113.11	\$75.00
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	413	131.74	\$75.00*
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	247	58.19	\$232.22
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	224	9.42	\$1,496.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	318	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9632	443	6.59	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	232	77.09	\$179.99*
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	159	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	17275	134	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11287	320	117.18	\$96.33
Intel Xeon E5-2660 v2 @ 2.20GHz	13156	257	61.80	\$212.89*
Intel Xeon E5-2660 v3 @ 2.60GHz	16665	148	52.09	\$319.95*
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	142	11.25	\$1,499.99*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	226	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11750	304	114.79	\$102.37*
Intel Xeon E5-2667 @ 2.90GHz	10693	349	227.51	\$47.00
Intel Xeon E5-2667 v2 @ 3.30GHz	16077	163	84.62	\$189.99
Intel Xeon E5-2667 v3 @ 3.20GHz	16022	167	51.85	\$309.00
Intel Xeon E5-2667 v4 @ 3.20GHz	16631	149	8.53	\$1,949.03*

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Intel Xeon E5-2670 @ 2.60GHz	12371	283	90.90	\$136.10
Intel Xeon E5-2670 v2 @ 2.50GHz	15026	197	71.90	\$209.00
Intel Xeon E5-2670 v3 @ 2.30GHz	16778	144	112.61	\$149.00
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	155	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16293	160	23.28	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21300	76	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15137	194	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17608	129	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17084	138	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	42	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12889	265	203.73	\$63.27
Intel Xeon E5-2680 v2 @ 2.80GHz	15889	176	90.80	\$175.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18430	120	87.77	\$209.99
Intel Xeon E5-2680 v4 @ 2.40GHz	19775	99	13.10	\$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	87	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17325	133	33.97	\$509.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	18863	114	8.54	\$2,208.93*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	198	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	110	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	97	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14328	217	131.46	\$109.00
Intel Xeon E5-2687W v2 @ 3.40GHz	16343	154	48.79	\$335.00*
Intel Xeon E5-2687W v3 @ 3.10GHz	17795	127	29.22	\$608.99
Intel Xeon E5-2687W v4 @ 3.00GHz	19863	95	9.13	\$2,174.99*
Intel Xeon E5-2689 @ 2.60GHz	13276	254	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	101	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13748	236	140.37	\$97.95
Intel Xeon E5-2690 v2 @ 3.00GHz	16367	153	75.80	\$215.93
Intel Xeon E5-2690 v3 @ 2.60GHz	18959	112	84.26	\$225.00
Intel Xeon E5-2690 v4 @ 2.60GHz	21167	78	9.75	\$2,169.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	168	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	16041	164	76.75	\$209.00
Intel Xeon E5-2695 v3 @ 2.30GHz	19710	103	40.23	\$489.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	90	3.49	\$5,808.00*

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Intel Xeon E5-2696 v2 @ 2.50GHz	16920	141	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22172	63	8.88	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	77	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17170	136	72.15	\$238.00
Intel Xeon E5-2697 v3 @ 2.60GHz	21425	75	43.73	\$489.99
Intel Xeon E5-2697 v4 @ 2.30GHz	21435	74	7.02	\$3,054.99*
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	61	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	80	34.55	\$609.00*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	69	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22340	62	18.48	\$1,208.99
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	56	5.53	\$4,237.99
Intel Xeon E5-2699A v4 @ 2.40GHz	22948	60	4.65	\$4,938.00*
Intel Xeon E5-4603 @ 2.00GHz	5014	965	52.21	\$96.04
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	480	NA	NA
Intel Xeon E5-4610 @ 2.40GHz	9552	446	7.81	\$1,223.00*
Intel Xeon E5-4610 v3 @ 1.70GHz	8853	523	7.26	\$1,219.00*
Intel Xeon E5-4617 @ 2.90GHz	9313	472	103.59	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	9248	478	68.91	\$134.21*
Intel Xeon E5-4627 v2 @ 3.30GHz	12511	280	24.58	\$508.95*
Intel Xeon E5-4627 v3 @ 2.60GHz	14615	209	6.09	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	186	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10807	343	3.96	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	273	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	324	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11685	309	166.96	\$69.99*
Intel Xeon E5-4650L @ 2.60GHz	12145	295	161.98	\$74.98*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	288	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	175	11.36	\$1,399.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	177	3.30	\$4,800.00*
Intel Xeon E5-4667 v3 @ 2.00GHz	16388	152	2.86	\$5,729.00*
Intel Xeon E5-4669 v3 @ 2.10GHz	19615	107	3.63	\$5,400.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	243	NA	NA
Intel Xeon E5-4670 @ 2.13GHz	3118	1401	1.75	\$1,779.00*

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<u>Intel Xeon E3110 @ 3.00GHz</u>	2159	1746	<u>93.93</u>	<u>\$22.99*</u>
<u>Intel Xeon E3113 @ 3.00GHz</u>	2427	1638	<u>247.99</u>	<u>\$9.79*</u>
<u>Intel Xeon E3120 @ 3.16GHz</u>	2241	1713	NA	NA
<u>Intel Xeon E5205 @ 1.86GHz</u>	1401	2110	<u>98.21</u>	<u>\$14.27</u>
<u>Intel Xeon E5240 @ 3.00GHz</u>	2424	1639	<u>27.31</u>	<u>\$88.78*</u>
<u>Intel Xeon E5310 @ 1.60GHz</u>	2214	1726	<u>45.19</u>	<u>\$49.00*</u>
<u>Intel Xeon E5320 @ 1.86GHz</u>	2288	1689	<u>59.05</u>	<u>\$38.75*</u>
<u>Intel Xeon E5335 @ 2.00GHz</u>	2513	1608	<u>141.45</u>	<u>\$17.77*</u>
<u>Intel Xeon E5345 @ 2.33GHz</u>	2886	1485	<u>72.17</u>	<u>\$39.99*</u>
<u>Intel Xeon E5405 @ 2.00GHz</u>	2835	1497	<u>70.97</u>	<u>\$39.95*</u>
<u>Intel Xeon E5410 @ 2.33GHz</u>	3261	1348	<u>15.61</u>	<u>\$208.95*</u>
<u>Intel Xeon E5420 @ 2.50GHz</u>	3476	1294	<u>55.22</u>	<u>\$62.95*</u>
<u>Intel Xeon E5430 @ 2.66GHz</u>	3750	1224	<u>24.20</u>	<u>\$154.95*</u>
<u>Intel Xeon E5440 @ 2.83GHz</u>	3954	1173	<u>39.95</u>	<u>\$99.00*</u>
<u>Intel Xeon E5450 @ 3.00GHz</u>	4179	1133	<u>13.98</u>	<u>\$298.94*</u>
<u>Intel Xeon E5462 @ 2.80GHz</u>	3872	1190	<u>141.84</u>	<u>\$27.30*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E5472 @ 3.00GHz</u>	4083	1150	<u>135.93</u>	<u>\$30.04*</u>
<u>Intel Xeon E5502 @ 1.87GHz</u>	1378	2125	<u>14.51</u>	<u>\$95.00*</u>
<u>Intel Xeon E5503 @ 2.00GHz</u>	1381	2123	<u>4.81</u>	<u>\$287.01*</u>
<u>Intel Xeon E5504 @ 2.00GHz</u>	2673	1550	<u>38.21</u>	<u>\$69.95*</u>
<u>Intel Xeon E5506 @ 2.13GHz</u>	2975	1447	<u>47.22</u>	<u>\$63.01*</u>
<u>Intel Xeon E5507 @ 2.27GHz</u>	3125	1397	<u>6.84</u>	<u>\$456.91*</u>
<u>Intel Xeon E5520 @ 2.27GHz</u>	4373	1091	<u>90.16</u>	<u>\$48.51*</u>
<u>Intel Xeon E5530 @ 2.40GHz</u>	4494	1068	<u>345.72</u>	<u>\$13.00*</u>
<u>Intel Xeon E5540 @ 2.53GHz</u>	4747	1016	<u>80.46</u>	<u>\$59.00*</u>
<u>Intel Xeon E5603 @ 1.60GHz</u>	2364	1665	<u>18.32</u>	<u>\$129.04*</u>
<u>Intel Xeon E5606 @ 2.13GHz</u>	3054	1423	<u>18.29</u>	<u>\$167.00*</u>
<u>Intel Xeon E5607 @ 2.27GHz</u>	3371	1321	<u>48.71</u>	<u>\$69.21*</u>
<u>Intel Xeon E5620 @ 2.40GHz</u>	4769	1012	<u>80.85</u>	<u>\$58.99*</u>
<u>Intel Xeon E5630 @ 2.53GHz</u>	5055	951	<u>144.43</u>	<u>\$35.00*</u>
<u>Intel Xeon E5640 @ 2.67GHz</u>	5250	919	<u>187.60</u>	<u>\$27.99*</u>
<u>Intel Xeon E5645 @ 2.40GHz</u>	6422	770	<u>78.99</u>	<u>\$81.31*</u>
<u>Intel Xeon E5649 @ 2.53GHz</u>	6869	723	<u>66.01</u>	<u>\$104.07*</u>

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Intel Xeon E7320 @ 2.13GHz	2413	1642	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	630	40.54	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9363	464	42.57	\$219.99*
Intel Xeon E-2124G @ 3.40GHz	9891	412	35.80	\$276.32
Intel Xeon E-2126G @ 3.30GHz	13650	241	45.50	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10882	339	39.50	\$275.53
Intel Xeon E-2136 @ 3.30GHz	15793	179	50.97	\$309.88
Intel Xeon E-2144G @ 3.60GHz	11532	311	34.09	\$338.28
Intel Xeon E-2146G @ 3.50GHz	15591	183	43.92	\$354.99*
Intel Xeon E-2174G @ 3.80GHz	12278	289	29.89	\$410.86*
Intel Xeon E-2176G @ 3.70GHz	15592	182	38.34	\$406.67
Intel Xeon E-2176M @ 2.70GHz	13559	246	30.13	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	15838	178	30.17	\$524.99*
Intel Xeon E-2186M @ 2.90GHz	14523	211	23.31	\$623.00*
Intel Xeon E-2224 @ 3.40GHz	10096	391	50.99	\$198.00*
Intel Xeon E-2224G @ 3.50GHz	9863	416	45.25	\$218.00*
Intel Xeon E-2226G @ 3.40GHz	12887	266	49.57	\$260.00*
Intel Xeon E-2236 @ 3.40GHz	15781	180	54.61	\$289.00*
Intel Xeon E-2244G @ 3.80GHz	12782	270	46.99	\$272.00*
Intel Xeon E-2246G @ 3.60GHz	16023	166	51.52	\$311.00*
Intel Xeon E-2254ML @ 1.70GHz	9458	456	NA	NA
Intel Xeon E-2274G @ 4.00GHz	12595	278	37.71	\$334.00*
Intel Xeon E-2276G @ 3.80GHz	14143	222	39.07	\$362.00*
Intel Xeon E-2276M @ 2.80GHz	14445	213	32.10	\$450.00*
Intel Xeon E-2278G @ 3.40GHz	17670	128	35.77	\$494.00*
Intel Xeon E-2278GEL @ 2.00GHz	13914	229	28.17	\$494.00*
Intel Xeon E-2286G @ 4.00GHz	16671	147	37.05	\$450.00*
Intel Xeon E-2286M @ 2.40GHz	18259	121	29.31	\$623.00*
Intel Xeon E-2288G @ 3.70GHz	19658	105	36.47	\$539.00*
Intel Xeon Gold 5117 @ 2.00GHz	16672	146	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16435	151	15.51	\$1,060.00
Intel Xeon Gold 5120 @ 2.20GHz	18253	122	11.69	\$1,561.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 5120T @ 2.20GHz	18145	125	10.51	\$1,727.00*

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Intel Xeon Gold 5122 @ 3.60GHz	10896	338	8.58	\$1,269.99*
Intel Xeon Gold 5218 @ 2.30GHz	20622	84	15.84	\$1,302.03
Intel Xeon Gold 6126 @ 2.60GHz	19711	102	10.43	\$1,889.97*
Intel Xeon Gold 6128 @ 3.40GHz	14961	201	8.31	\$1,799.99
Intel Xeon Gold 6130 @ 2.10GHz	19643	106	10.12	\$1,940.99*
Intel Xeon Gold 6132 @ 2.60GHz	23907	53	10.87	\$2,199.90*
Intel Xeon Gold 6134 @ 3.20GHz	18206	124	8.63	\$2,110.00
Intel Xeon Gold 6136 @ 3.00GHz	21034	81	7.92	\$2,654.82*
Intel Xeon Gold 6137 @ 3.90GHz	20413	88	NA	NA
Intel Xeon Gold 6138 @ 2.00GHz	25421	38	9.70	\$2,619.49*
Intel Xeon Gold 6140 @ 2.30GHz	23964	52	9.82	\$2,439.99*
Intel Xeon Gold 6143 @ 2.80GHz	26128	32	NA	NA
Intel Xeon Gold 6144 @ 3.50GHz	19667	104	6.41	\$3,070.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	43	5.46	\$4,608.95*
Intel Xeon Gold 6148 @ 2.40GHz	25817	35	8.13	\$3,175.93*
Intel Xeon Gold 6152 @ 2.10GHz	23498	55	5.72	\$4,108.95
Intel Xeon Gold 6154 @ 3.00GHz	27722	26	7.45	\$3,718.95*
Intel Xeon Gold 6210U @ 2.50GHz	28560	20	13.87	\$2,059.86*
Intel Xeon Gold 6212U @ 2.40GHz	28060	24	14.03	\$2,000.00*
Intel Xeon Gold 6230 @ 2.10GHz	24600	45	12.22	\$2,013.77
Intel Xeon Gold 6242 @ 2.80GHz	25313	40	9.73	\$2,600.66
Intel Xeon Gold 6246 @ 3.30GHz	25734	37	7.13	\$3,609.00
Intel Xeon Gold 6254 @ 3.10GHz	30018	16	8.25	\$3,639.99
Intel Xeon L3110 @ 3.00GHz	2273	1699	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1219	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2145	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3943	1181	8.82	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1906	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1700	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1695	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1752	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1526	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3014	1431	NA	NA
Intel Xeon L5410 @ 2.33GHz	3358	1322	33.56	\$100.08*

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Intel Xeon L5420 @ 2.50GHz	3501	1289	127.34	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3721	1232	23.56	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1236	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4324	1103	337.35	\$12.82*
Intel Xeon L5530 @ 2.40GHz	4389	1089	227.93	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4338	1099	206.69	\$20.99*
Intel Xeon L5638 @ 2.00GHz	5622	857	80.43	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6869	722	NA	NA
Intel Xeon L5640 @ 2.27GHz	6228	785	74.72	\$83.36*
Intel Xeon L7455 @ 2.13GHz	3836	1200	NA	NA
Intel Xeon MV 3.20GHz	683	2514	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26835	30	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	717	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	18	4.95	\$5,890.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Platinum 8173M @ 2.00GHz	28860	19	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	23	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	24434	50	2.80	\$8,725.00*
Intel Xeon Platinum 8268 @ 2.90GHz	31689	13	5.44	\$5,830.00
Intel Xeon Silver 4108 @ 1.80GHz	10671	353	20.93	\$509.95*
Intel Xeon Silver 4109T @ 2.00GHz	10908	337	21.77	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11689	308	26.54	\$440.50
Intel Xeon Silver 4112 @ 2.60GHz	8526	556	16.59	\$513.99*
Intel Xeon Silver 4114 @ 2.20GHz	14309	218	22.33	\$640.75*
Intel Xeon Silver 4116 @ 2.10GHz	15509	187	17.27	\$898.16*
Intel Xeon Silver 4123 @ 3.00GHz	15185	192	NA	NA
Intel Xeon Silver 4208 @ 2.10GHz	13116	259	16.21	\$808.95*
Intel Xeon Silver 4210 @ 2.20GHz	15898	174	14.45	\$1,099.95
Intel Xeon Silver 4214 @ 2.20GHz	17352	132	22.21	\$781.46
Intel Xeon Silver 4215 @ 2.50GHz	15200	191	15.89	\$956.57*
Intel Xeon Silver 4216 @ 2.10GHz	19538	108	17.74	\$1,101.51
Intel Xeon W3503 @ 2.40GHz	1757	1930	175.95	\$9.99*
Intel Xeon W3505 @ 2.53GHz	1839	1896	73.98	\$24.86*
Intel Xeon W3520 @ 2.67GHz	4940	977	102.92	\$48.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W3530 @ 2.80GHz	5213	926	17.74	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5399	894	271.06	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5563	869	185.51	\$29.99*
Intel Xeon W3565 @ 3.20GHz	5773	838	288.81	\$19.99*
Intel Xeon W3570 @ 3.20GHz	6032	812	12.57	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6183	790	28.83	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8015	604	16.03	\$499.99*
Intel Xeon W3680 @ 3.33GHz	8898	517	55.63	\$159.95
Intel Xeon W3690 @ 3.47GHz	8959	509	45.94	\$195.01
Intel Xeon W5580 @ 3.20GHz	5836	831	84.59	\$68.99*
Intel Xeon W5590 @ 3.33GHz	6088	807	2.43	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	6981	710	29.70	\$235.05*
Intel Xeon W-2104 @ 3.20GHz	7418	672	29.09	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10664	354	32.13	\$331.98
Intel Xeon W-2125 @ 4.00GHz	12304	285	25.20	\$488.27*
Intel Xeon W-2133 @ 3.60GHz	14394	214	23.33	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16305	158	18.19	\$896.60*
Intel Xeon W-2140B @ 3.20GHz	18620	116	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19768	100	16.72	\$1,182.25
Intel Xeon W-2150B @ 3.00GHz	21451	73	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21894	66	14.31	\$1,530.39*
Intel Xeon W-2170B @ 2.50GHz	24561	47	NA	NA
Intel Xeon W-2175 @ 2.50GHz	24589	46	11.86	\$2,073.34*
Intel Xeon W-2195 @ 2.30GHz	24481	49	9.04	\$2,709.22*
Intel Xeon W-3175X @ 3.10GHz	33538	8	10.30	\$3,256.77
Intel Xeon W-3235 @ 3.30GHz	25759	36	15.75	\$1,635.77*
Intel Xeon W-3265 @ 2.70GHz	31691	12	6.96	\$4,551.37*
Intel Xeon W-3275M @ 2.50GHz	34638	7	4.65	\$7,453.00*
Intel Xeon X3210 @ 2.13GHz	2740	1531	14.76	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3089	1409	51.36	\$60.15*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3230 @ 2.66GHz	3391	1314	47.44	\$71.50*
Intel Xeon X3320 @ 2.50GHz	3306	1339	14.41	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3177	1376	164.14	\$19.36*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3330 @ 2.66GHz	3340	1330	15.91	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1204	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1195	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3925	1186	24.86	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3981	1167	116.79	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4284	1110	11.67	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4600	1043	9.02	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3339	1332	104.38	\$31.99*
Intel Xeon X3440 @ 2.53GHz	4510	1061	31.78	\$141.96*
Intel Xeon X3450 @ 2.67GHz	4750	1015	59.42	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5142	936	14.40	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5335	907	33.36	\$159.95*
Intel Xeon X3480 @ 3.07GHz	5658	852	NA	NA
Intel Xeon X5260 @ 3.33GHz	2448	1631	45.35	\$54.00*
Intel Xeon X5270 @ 3.50GHz	2553	1592	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1652	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3165	1382	10.21	\$309.95*
Intel Xeon X5365 @ 3.00GHz	3524	1280	45.19	\$77.99*
Intel Xeon X5450 @ 3.00GHz	4108	1146	68.52	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4319	1105	43.29	\$99.78*
Intel Xeon X5470 @ 3.33GHz	4579	1047	24.23	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4001	1162	17.78	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4528	1059	45.29	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	992	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5270	916	17.29	\$304.85*
Intel Xeon X5560 @ 2.80GHz	5389	897	158.56	\$33.99*
Intel Xeon X5570 @ 2.93GHz	5605	861	23.36	\$239.95*
Intel Xeon X5647 @ 2.93GHz	5797	832	290.91	\$19.93*
Intel Xeon X5650 @ 2.67GHz	7268	686	92.00	\$79.00
Intel Xeon X5660 @ 2.80GHz	7552	659	215.85	\$34.99*
Intel Xeon X5667 @ 3.07GHz	6200	789	265.78	\$23.33*
Intel Xeon X5670 @ 2.93GHz	7800	632	229.42	\$34.00
Intel Xeon X5672 @ 3.20GHz	6461	765	143.61	\$44.99*
Intel Xeon X5675 @ 3.07GHz	7972	617	159.48	\$49.99

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon X5677 @ 3.47GHz</u>	6755	734	<u>242.49</u>	<u>\$27.86*</u>
<u>Intel Xeon X5679 @ 3.20GHz</u>	8958	510	NA	NA
<u>Intel Xeon X5680 @ 3.33GHz</u>	8354	572	<u>119.44</u>	<u>\$69.95</u>
<u>Intel Xeon X5687 @ 3.60GHz</u>	6961	713	<u>174.60</u>	<u>\$39.87*</u>
<u>Intel Xeon X5690 @ 3.47GHz</u>	8782	528	<u>80.57</u>	<u>\$109.00</u>
<u>Intel Xeon X5698 @ 4.40GHz</u>	4272	1112	NA	NA
<u>Intel Xeon X6550 @ 2.00GHz</u>	2977	1445	NA	NA
<u>Mobile AMD Athlon 4</u>	314	2817	<u>3.62</u>	<u>\$86.99*</u>
<u>Mobile AMD Athlon 4 2400+</u>	358	2772	NA	NA
<u>Mobile AMD Athlon 64 2700+</u>	398	2723	NA	NA
<u>Mobile AMD Athlon 64 2800+</u>	440	2673	NA	NA
<u>Mobile AMD Athlon 64 3000+</u>	450	2663	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Mobile AMD Athlon 64 3200+</u>	448	2666	NA	NA
<u>Mobile AMD Athlon 64 3400+</u>	511	2605	NA	NA
<u>Mobile AMD Athlon 64 3700+</u>	435	2684	NA	NA
<u>Mobile AMD Athlon 64 4000+</u>	576	2566	NA	NA
<u>Mobile AMD Athlon 1400+</u>	266	2892	NA	NA
<u>Mobile AMD Athlon 2500+</u>	370	2756	NA	NA
<u>Mobile AMD Athlon MP-M 1800+</u>	265	2893	NA	NA
<u>Mobile AMD Athlon MP-M 2000+</u>	378	2746	NA	NA
<u>Mobile AMD Athlon MP-M 2400+</u>	295	2846	NA	NA
<u>Mobile AMD Athlon MP-M 2800+</u>	496	2617	NA	NA
<u>Mobile AMD Athlon XP</u>	572	2570	<u>45.81</u>	<u>\$12.49</u>
<u>Mobile AMD Athlon XP-M</u>	512	2604	NA	NA
<u>Mobile AMD Athlon XP-M 1400+</u>	184	2974	NA	NA
<u>Mobile AMD Athlon XP-M 1500+</u>	261	2896	NA	NA
<u>Mobile AMD Athlon XP-M 1600+</u>	260	2898	NA	NA
<u>Mobile AMD Athlon XP-M 1700+</u>	323	2805	NA	NA
<u>Mobile AMD Athlon XP-M 1800+</u>	297	2841	NA	NA
<u>Mobile AMD Athlon XP-M 1900+</u>	342	2789	NA	NA
<u>Mobile AMD Athlon XP-M 2000+</u>	300	2835	NA	NA
<u>Mobile AMD Athlon XP-M 2200+</u>	364	2765	NA	NA
<u>Mobile AMD Athlon XP-M 2400+</u>	346	2784	NA	NA

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<u>Mobile AMD Athlon XP-M 2500+</u>	346	2782	NA	NA
<u>Mobile AMD Athlon XP-M 2600+</u>	370	2755	NA	NA
<u>Mobile AMD Athlon XP-M 2800+</u>	365	2764	NA	NA
<u>Mobile AMD Athlon XP-M 3000+</u>	365	2763	NA	NA
<u>Mobile AMD Athlon XP-M 3100+</u>	440	2674	NA	NA
<u>Mobile AMD Athlon XP-M 3200+</u>	487	2623	NA	NA
<u>Mobile AMD Athlon XP-M (LV)</u>	508	2608	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 1500+</u>	288	2854	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 1600+</u>	296	2845	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 2000+</u>	335	2793	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 2200+</u>	373	2753	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 2800+</u>	475	2639	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 3200+</u>	505	2611	NA	NA
<u>Mobile AMD Sempron 2100+</u>	252	2907	NA	NA
<u>Mobile AMD Sempron 2600+</u>	394	2729	NA	NA
<u>Mobile AMD Sempron 2800+</u>	364	2766	NA	NA
<u>Mobile AMD Sempron 3000+</u>	389	2740	NA	NA
<u>Mobile AMD Sempron 3100+</u>	416	2697	NA	NA
<u>Mobile AMD Sempron 3200+</u>	354	2776	NA	NA
<u>Mobile AMD Sempron 3300+</u>	446	2670	NA	NA
<u>Mobile AMD Sempron 3400+</u>	441	2672	NA	NA
<u>Mobile AMD Sempron 3500+</u>	408	2707	NA	NA
<u>Mobile AMD Sempron 3600+</u>	427	2691	NA	NA
<u>Mobile AMD Sempron 3800+</u>	485	2628	NA	NA
<u>Mobile Intel Celeron 1.20GHz</u>	170	2986	NA	NA
<u>Mobile Intel Celeron 1.50GHz</u>	188	2969	NA	NA
<u>Mobile Intel Celeron 1.60GHz</u>	188	2970	NA	NA
<u>Mobile Intel Celeron 1.70GHz</u>	181	2978	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Mobile Intel Celeron 1.80GHz</u>	186	2972	NA	NA
<u>Mobile Intel Celeron 2.00GHz</u>	204	2954	NA	NA
<u>Mobile Intel Celeron 2.20GHz</u>	226	2934	NA	NA
<u>Mobile Intel Celeron 2.40GHz</u>	236	2926	NA	NA
<u>Mobile Intel Celeron 2.50GHz</u>	281	2873	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Mobile Intel Celeron 1200MHz</u>	294	2847	NA	NA
<u>Mobile Intel Celeron 1333MHz</u>	280	2875	NA	NA
<u>Mobile Intel Pentium 4 2.30GHz</u>	278	2880	<u>6.38</u>	<u>\$43.56*</u>
<u>Mobile Intel Pentium 4 2.40GHz</u>	264	2895	NA	NA
<u>Mobile Intel Pentium 4 2.66GHz</u>	279	2877	NA	NA
<u>Mobile Intel Pentium 4 2.80GHz</u>	315	2815	NA	NA
<u>Mobile Intel Pentium 4 3.06GHz</u>	337	2791	NA	NA
<u>Mobile Intel Pentium 4 3.20GHz</u>	356	2773	NA	NA
<u>Mobile Intel Pentium 4 3.33GHz</u>	439	2675	NA	NA
<u>Mobile Intel Pentium 4 3.46GHz</u>	478	2636	NA	NA
<u>Mobile Intel Pentium 4 - M 1.60GHz</u>	195	2963	NA	NA
<u>Mobile Intel Pentium 4 - M 1.70GHz</u>	173	2985	<u>1.10</u>	<u>\$158.00</u>
<u>Mobile Intel Pentium 4 - M 1.80GHz</u>	175	2982	NA	NA
<u>Mobile Intel Pentium 4 - M 1.90GHz</u>	232	2929	NA	NA
<u>Mobile Intel Pentium 4 - M 2.00GHz</u>	202	2958	NA	NA
<u>Mobile Intel Pentium 4 - M 2.20GHz</u>	198	2960	NA	NA
<u>Mobile Intel Pentium 4 - M 2.40GHz</u>	213	2944	NA	NA
<u>Mobile Intel Pentium 4 - M 2.50GHz</u>	256	2902	NA	NA
<u>Mobile Intel Pentium 4 - M 2.60GHz</u>	313	2819	NA	NA
<u>Mobile Intel Pentium III - M 866MHz</u>	211	2948	NA	NA
<u>Mobile Intel Pentium III - M 933MHz</u>	200	2959	NA	NA
<u>Mobile Intel Pentium III - M 1000MHz</u>	250	2910	NA	NA
<u>Mobile Intel Pentium III - M 1133MHz</u>	289	2852	NA	NA
<u>Mobile Intel Pentium III - M 1200MHz</u>	224	2935	NA	NA
<u>Mobile Intel Pentium III - M 1333MHz</u>	289	2853	NA	NA
<u>Pentium Dual-Core E6000 @ 3.46GHz</u>	2501	1614	NA	NA
<u>Quad-Core AMD Opteron 1385</u>	3442	1302	<u>63.75</u>	<u>\$54.00*</u>
<u>Quad-Core AMD Opteron 1389</u>	3446	1301	NA	NA
<u>Six-Core AMD Opteron 2419 EE</u>	2925	1466	NA	NA
<u>VIA C3 Ezra</u>	100	3013	NA	NA
<u>VIA C7 1500MHz</u>	284	2864	NA	NA
<u>VIA C7-D 1500MHz</u>	287	2860	NA	NA
<u>VIA C7-D 1800MHz</u>	203	2955	NA	NA
<u>VIA C7-D 2000MHz</u>	368	2759	NA	NA

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<u>VIA C7-M 1000MHz</u>	164	2988	NA	NA
<u>VIA C7-M 1200MHz</u>	140	3001	NA	NA
<u>VIA C7-M 1600MHz</u>	178	2980	NA	NA
<u>VIA C7-M 6300MHz</u>	222	2937	NA	NA
<u>VIA Eden 800MHz</u>	155	2992	NA	NA
<u>VIA Eden 1000MHz</u>	123	3009	NA	NA
<u>VIA Eden 1200MHz</u>	142	3000	NA	NA
<u>VIA Eden C1050@1.06GHz</u>	352	2779	NA	NA
<u>VIA Eden X2 U4200 @ 1.0+ GHz</u>	499	2614	NA	NA
<u>VIA Eden X4 C4250 @ 1.2+GHz</u>	1262	2194	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>VIA Esther 1000MHz</u>	146	2999	NA	NA
<u>VIA Esther 1300MHz</u>	250	2909	NA	NA
<u>VIA Esther 1500MHz</u>	195	2964	NA	NA
<u>VIA Esther 2000MHz</u>	394	2728	NA	NA
<u>VIA Nano L1900@1400MHz</u>	457	2656	NA	NA
<u>VIA Nano L2007@1600MHz</u>	369	2757	NA	NA
<u>VIA Nano L2100@1800MHz</u>	428	2689	NA	NA
<u>VIA Nano L2207@1600MHz</u>	296	2843	NA	NA
<u>VIA Nano L3025@1600MHz</u>	517	2601	NA	NA
<u>VIA Nano L3050@1800MHz</u>	581	2563	NA	NA
<u>VIA Nano L3600@2000MHz</u>	645	2530	NA	NA
<u>VIA Nano U2250 (1.6GHz Capable)</u>	415	2698	NA	NA
<u>VIA Nano U2250@1300+MHz</u>	274	2883	NA	NA
<u>VIA Nano U2500@1200MHz</u>	306	2826	NA	NA
<u>VIA Nano U3100 (1.6GHz Capable)</u>	501	2612	NA	NA
<u>VIA Nano U3300@1200MHz</u>	409	2705	NA	NA
<u>VIA Nano U3500@1000MHz</u>	272	2884	NA	NA
<u>VIA Nano X2 U4025 @ 1.2 GHz</u>	605	2548	NA	NA
<u>VIA Nehemiah</u>	155	2993	NA	NA
<u>VIA QuadCore C4650@2.0GHz</u>	1897	1865	NA	NA
<u>VIA QuadCore L4700 @ 1.2+ GHz</u>	1363	2131	NA	NA
<u>VIA QuadCore U4650 @ 1.0+ GHz</u>	1173	2243	NA	NA
<u>VIA Samuel 2</u>	79	3015	NA	NA

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<u>ZHAOXIN KaiXian KX-U6780A@2.7GHz</u>	5760	841	NA	NA
<u>ZHAOXIN KaiXian ZX-C+ C4700@2.0GHz</u>	2069	1782	NA	NA

* - Last price seen from our affiliates.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	343	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	161	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	449	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	455	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	501	NA	NA
[Dual CPU] AMD EPYC 7251	12955	219	10.81	\$1,198.60
[Dual CPU] AMD EPYC 7261	12430	225	6.15	\$2,019.96
[Dual CPU] AMD EPYC 7281	15152	189	11.68	\$1,297.50
[Dual CPU] AMD EPYC 7371	19370	141	6.25	\$3,100.00*
[Dual CPU] AMD EPYC 7401	23518	85	6.54	\$3,598.68
[Dual CPU] AMD EPYC 7451	28957	50	11.49	\$2,519.78
[Dual CPU] AMD EPYC 7501	28991	49	5.40	\$5,367.60
[Dual CPU] AMD EPYC 7542	46721	3	6.02	\$7,763.22
[Dual CPU] AMD EPYC 7551	31452	37	8.57	\$3,671.88
[Dual CPU] AMD EPYC 7601	33545	29	4.61	\$7,270.28
[Dual CPU] AMD EPYC 7742	55574	1	3.22	\$17,245.72
[Dual CPU] AMD Opteron 246	1130	490	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	491	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	486	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	487	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	496	NA	NA
[Dual CPU] AMD Opteron 256	1853	483	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	481	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	477	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	480	13.00	\$164.10*
[Dual CPU] AMD Opteron 280	2452	472	18.86	\$130.00*
[Dual CPU] AMD Opteron 285	2769	462	17.32	\$159.90
[Dual CPU] AMD Opteron 290	2716	464	10.06	\$270.00*
[Dual CPU] AMD Opteron 850	1410	488	0.47	\$3,028.00*
[Dual CPU] AMD Opteron 885	2851	457	NA	NA
[Dual CPU] AMD Opteron 2212	2203	478	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	473	40.41	\$58.00*

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[Dual CPU] AMD Opteron 2214 HE	2463	471	NA	NA
[Dual CPU] AMD Opteron 2216	2485	470	46.36	\$53.60
[Dual CPU] AMD Opteron 2216 HE	2593	466	NA	NA
[Dual CPU] AMD Opteron 2218	2732	463	17.09	\$159.90
[Dual CPU] AMD Opteron 2218 HE	2514	467	NA	NA
[Dual CPU] AMD Opteron 2220	2839	458	17.75	\$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	456	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	453	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	447	45.30	\$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	437	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	444	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	438	25.50	\$159.90*
[Dual CPU] AMD Opteron 2354	4554	426	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	429	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	407	73.82	\$72.00
[Dual CPU] AMD Opteron 2373 EE	4164	434	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	422	36.92	\$130.00
[Dual CPU] AMD Opteron 2376	5238	409	15.70	\$333.62*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2378	5318	406	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5261	408	58.46	\$90.00
[Dual CPU] AMD Opteron 2384	5449	401	3.24	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	380	NA	NA
[Dual CPU] AMD Opteron 2389	5677	394	48.11	\$118.00*
[Dual CPU] AMD Opteron 2419	5191	411	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	381	NA	NA
[Dual CPU] AMD Opteron 2427	5907	391	45.44	\$130.00
[Dual CPU] AMD Opteron 2431	6438	373	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7053	359	54.25	\$130.00
[Dual CPU] AMD Opteron 2439 SE	8071	328	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	439	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	396	24.58	\$229.90*
[Dual CPU] AMD Opteron 4170 HE	6344	377	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	375	7.77	\$819.90*

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RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 4184	7813	333	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	327	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	330	NA	NA
[Dual CPU] AMD Opteron 4234	8953	303	19.46	\$459.98*
[Dual CPU] AMD Opteron 4274 HE	6797	365	84.98	\$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	287	NA	NA
[Dual CPU] AMD Opteron 4280	4525	427	45.25	\$100.00*
[Dual CPU] AMD Opteron 4284	9151	296	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9462	294	21.86	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	267	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	274	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11410	247	40.75	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	366	178.04	\$37.98
[Dual CPU] AMD Opteron 6128 HE	5582	399	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	313	NA	NA
[Dual CPU] AMD Opteron 6134	7586	345	86.22	\$87.98*
[Dual CPU] AMD Opteron 6136	7255	353	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	414	NA	NA
[Dual CPU] AMD Opteron 6168	7741	339	6.67	\$1,159.90
[Dual CPU] AMD Opteron 6172	7621	344	19.24	\$396.00*
[Dual CPU] AMD Opteron 6174	7783	335	59.87	\$130.00
[Dual CPU] AMD Opteron 6176 SE	8448	318	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	450	16.40	\$189.90
[Dual CPU] AMD Opteron 6204	7134	355	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	307	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10558	262	88.00	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	280	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	269	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	9818	284	70.14	\$139.98
[Dual CPU] AMD Opteron 6274	10536	263	117.09	\$89.98
[Dual CPU] AMD Opteron 6275	10900	259	NA	NA
[Dual CPU] AMD Opteron 6276	10101	279	29.88	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	240	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8349	320	13.47	\$619.96

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RAM

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6320	10716	261	20.88	\$513.18
[Dual CPU] AMD Opteron 6328	12013	239	16.73	\$718.00
[Dual CPU] AMD Opteron 6344	11203	252	14.40	\$778.00*
[Dual CPU] AMD Opteron 6348	11412	246	18.64	\$612.20
[Dual CPU] AMD Opteron 6366 HE	12147	233	202.52	\$59.98*
[Dual CPU] AMD Opteron 6376	10452	266	80.40	\$130.00
[Dual CPU] AMD Opteron 6378	9145	297	24.07	\$380.00
[Dual CPU] AMD Opteron 6380	14200	199	120.34	\$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	232	42.05	\$289.98
[Dual CPU] AMD Opteron 8218	2831	459	61.54	\$46.00*
[Dual CPU] AMD Opteron 8220	2510	469	15.70	\$159.90
[Dual CPU] AMD Opteron 8222 SE	2793	461	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	448	64.46	\$50.00
[Dual CPU] AMD Opteron 8380	5643	397	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	410	NA	NA
[Dual CPU] AMD Opteron 8389	6517	371	41.25	\$158.00*
[Dual CPU] AMD Opteron 8431	5813	392	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	367	46.80	\$144.00*
[Dual CPU] AMD Opteron 8439 SE	7691	342	64.09	\$120.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	489	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	475	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	443	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	332	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	510	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	508	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	539	505	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	540	504	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	511	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	512	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	509	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon 2.40GHz	473	507	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	502	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	679	498	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	497	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	500	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	495	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	885	494	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	927	493	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1854	482	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	492	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	479	30.53	\$70.00*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2315	474	0.71	\$3,239.98*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2620	465	26.74	\$97.98*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	451	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2975	454	59.52	\$49.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	452	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3409	445	12.18	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3825	441	38.26	\$99.98*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8938	305	19.39	\$460.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11007	257	15.45	\$712.54*
[Dual CPU] Intel Xeon Bronze 3204 @ 1.90GHz	10503	264	19.31	\$544.04
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	382	64.96	\$95.50*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	379	141.98	\$44.40*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	351	43.00	\$169.84*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	300	12.53	\$719.90*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11299	249	291.06	\$38.82
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	241	63.03	\$188.96*
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	323	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13220	217	21.67	\$609.98*
[Dual CPU] Intel Xeon E5-2430 v2 @	13986	200	85.29	\$163.98

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	10818	260	167.57	\$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	229	NA	NA
[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	12419	226	159.26	\$77.98
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	220	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2448L @ 1.80GHz	11334	248	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	14276	198	97.12	\$147.00
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	15106	190	76.84	\$196.58*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11807	242	45.41	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	13442	211	52.51	\$256.00*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	151	39.34	\$472.06
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	378	66.25	\$95.70*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	370	54.34	\$119.98
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	319	60.64	\$138.00
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8932	306	17.18	\$520.00*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8158	326	43.62	\$187.04
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	9026	299	145.63	\$61.98*
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	281	47.29	\$212.06*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	11010	256	15.30	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12216	231	71.15	\$171.70*
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13215	218	169.42	\$78.00
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15262	187	138.75	\$110.00
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16439	172	21.13	\$778.00
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14339	197	11.05	\$1,298.00*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12620	223	11.49	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	195	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13423	213	168.04	\$79.88*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15927	178	176.97	\$90.00
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18456	154	73.20	\$252.14
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18745	148	15.42	\$1,216.00
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11172	253	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	205	188.58	\$72.68
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	188	15.82	\$959.80
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7706	341	4.35	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15888	180	113.50	\$139.98*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16421	173	65.69	\$249.96
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16703	170	7.03	\$2,377.30*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14649	194	76.38	\$191.80*
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14553	196	183.06	\$79.50*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19657	134	72.80	\$270.00*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20206	130	10.98	\$1,840.54*
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13656	206	115.79	\$117.94*
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20686	123	94.03	\$220.00
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21049	115	42.10	\$500.00
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21533	109	5.97	\$3,603.92*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12399	228	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	202	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	156	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15028	191	172.74	\$87.00
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18787	147	104.38	\$179.98
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20212	128	87.88	\$230.00

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20809	121	10.31	\$2,018.00*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	13621	209	90.81	\$150.00
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	13788	203	91.92	\$150.00*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	117	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2652 v3 @ 2.30GHz	19588	137	8.36	\$2,342.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13855	201	4.74	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	146	52.29	\$359.98*
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	140	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	160	4.85	\$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16403	174	85.14	\$192.66
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17860	159	41.95	\$425.78*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22339	102	34.91	\$639.90*
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23105	91	7.70	\$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	90	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	16987	166	82.97	\$204.74*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	76	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16391	175	174.37	\$94.00
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22729	96	59.82	\$379.98
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22626	98	36.61	\$618.00
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22916	93	5.88	\$3,898.06*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18149	155	66.68	\$272.20
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20642	125	49.38	\$418.00
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22280	104	74.77	\$298.00
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	87	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	21751	108	15.54	\$1,400.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	66	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19762	133	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	20856	120	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	43	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18598	150	146.97	\$126.54
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21493	110	61.41	\$350.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24195	82	57.61	\$419.98
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22761	95	7.54	\$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	167	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21194	114	20.78	\$1,019.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	74	5.66	\$4,417.86*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	105	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26907	63	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	53	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20773	122	95.29	\$218.00
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23341	88	34.84	\$670.00*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24293	81	19.95	\$1,217.98
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26664	64	6.13	\$4,349.98*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	18654	149	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	25703	70	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19648	135	100.30	\$195.90
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23531	84	54.49	\$431.86
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25568	71	56.82	\$450.00

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27442	60	6.32	\$4,339.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20861	118	49.91	\$418.00
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24673	78	25.18	\$979.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	80	2.12	\$11,616.00*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23518	86	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30334	42	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31774	36	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23252	89	48.85	\$476.00
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27383	61	27.94	\$979.98
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30440	41	4.98	\$6,109.98*
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	29426	47	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	28325	56	23.26	\$1,218.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	40	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	34	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	83	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26542	65	10.98	\$2,417.98
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	27	4.01	\$8,475.98
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	124	NA	NA
[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz	15383	184	85.56	\$179.80*
[Dual CPU] Intel Xeon E5-4620 v3 @ 2.00GHz	16684	171	5.00	\$3,336.00*
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	139	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	179	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	143	35.31	\$544.08*
[Dual CPU] Intel Xeon E5-4640 v3 @ 1.90GHz	20468	126	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	138	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18565	152	132.63	\$139.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	192	1.94	\$7.676.00*
[Dual CPU] Intel Xeon E5-4650 v4 @ 2.20GHz	21855	107	2.85	\$7.676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	13742	204	91.64	\$149.96*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	100	2.34	\$9.600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	59	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	234	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	181	NA	NA
[Dual CPU] Intel Xeon E7-4830 @ 2.13GHz	9539	293	147.66	\$64.60*
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	101	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	238	1.42	\$8.454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15263	186	40.38	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10965	258	27.41	\$399.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz	10207	277	1.02	\$10,017.02*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	476	79.85	\$28.54
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	440	22.74	\$177.56*
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3554	442	36.27	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4155	435	53.61	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	417	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	425	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5119	413	64.00	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5129	412	64.19	\$79.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6007	388	14.37	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6346	376	50.41	\$125.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6824	364	22.02	\$309.90*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7117	356	35.94	\$198.00*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7499	348	12.54	\$597.88*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7083	358	129.73	\$54.60*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2511	468	13.22	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2805	460	4.89	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4854	421	34.70	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4992	416	39.61	\$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5414	403	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7288	352	75.12	\$97.02*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7574	346	291.31	\$26.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7709	340	65.33	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	436	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	400	16.48	\$334.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5916	390	42.74	\$138.42*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	7977	331	67.61	\$117.98*
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8329	321	118.99	\$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8666	312	154.81	\$55.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10216	276	62.82	\$162.62*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10259	273	49.29	\$208.14*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	402	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	405	29.87	\$179.98*
[Dual CPU] Intel Xeon E7540 @ 2.00GHz	6738	368	210.96	\$31.94*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	106	9.92	\$2,218.00
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21437	111	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	113	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22810	94	10.76	\$2,120.00
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	73	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17463	162	6.88	\$2,539.98*
[Dual CPU] Intel Xeon Gold 5215 @ 2.50GHz	22537	99	9.23	\$2,442.00*
[Dual CPU] Intel Xeon Gold 5217 @ 3.00GHz	22282	103	7.32	\$3,044.00*
[Dual CPU] Intel Xeon Gold 5218 @ 2.30GHz	17384	164	6.68	\$2,604.06
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	62	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	22983	92	6.92	\$3,319.90*
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	144	7.19	\$2,657.06*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28610	54	7.57	\$3,779.94*
[Dual CPU] Intel Xeon Gold 6126T @ 2.60GHz	20391	127	5.47	\$3,730.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22725	97	6.31	\$3,599.98
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26366	67	6.79	\$3,881.98*
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	58	6.26	\$4,399.80*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	24666	79	5.85	\$4,220.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29725	45	5.60	\$5,309.64*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	57	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34320	26	6.55	\$5,238.98*
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	33	6.68	\$4,879.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	51	4.72	\$6,116.66*
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	29907	44	NA	NA
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28802	52	4.69	\$6,140.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29655	46	3.22	\$9,217.90*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36731	19	5.78	\$6,351.86*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32941	32	5.01	\$6,569.90*
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33142	30	4.03	\$8,217.90
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	17	5.00	\$7,437.90*
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	24959	75	4.89	\$5,104.72*
[Dual CPU] Intel Xeon Gold 6240 @ 2.60GHz	36644	20	7.48	\$4,902.00*
[Dual CPU] Intel Xeon Gold 6242 @ 2.80GHz	33019	31	6.35	\$5,201.32
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31282	38	4.81	\$6,509.68*
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	33741	28	4.67	\$7,218.00
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38755	11	5.87	\$6,599.98*
[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz	37405	15	4.91	\$7,620.00
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41148	7	5.65	\$7,279.98
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	428	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	432	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	419	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	398	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	384	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6437	374	117.04	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	387	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	418	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	362	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6961	361	271.49	\$25.64*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7553	347	196.08	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	6973	360	166.10	\$41.98*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8693	310	62.18	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9607	289	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9637	288	57.80	\$166.72*
[Dual CPU] Intel Xeon MP 2.50GHz	550	503	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	506	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	499	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	484	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36271	22	NA	NA
[Dual CPU] Intel Xeon Platinum 8153 @ 2.00GHz	19091	145	3.06	\$6,230.00*
[Dual CPU] Intel Xeon Platinum 8160 @ 2.10GHz	38364	12	4.27	\$8,978.00
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	37838	14	2.46	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	48	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39589	10	3.36	\$11,780.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36410	21	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	23	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	16	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Platinum 8260 @ 2.40GHz	38202	13	4.14	\$9,220.00*
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	8	3.53	\$11,660.00
[Dual CPU] Intel Xeon Platinum 8275CL @ 3.00GHz	43870	5	NA	NA
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	177	15.66	\$1,019.90*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16855	169	19.13	\$881.00
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13327	215	12.96	\$1,027.98*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19362	142	15.11	\$1,281.50*
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	112	11.93	\$1,796.32*
[Dual CPU] Intel Xeon Silver 4208 @ 2.10GHz	17904	158	11.07	\$1,617.90*
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	132	19.96	\$1,002.00*
[Dual CPU] Intel Xeon Silver 4210 @ 2.20GHz	20974	116	9.53	\$2,199.90
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz	25329	72	16.21	\$1,562.92
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10019	282	72.61	\$137.98*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10243	275	2.04	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	271	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	423	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	424	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	420	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5729	393	9.24	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6194	383	39.71	\$155.98*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7436	349	62.01	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7791	334	39.04	\$199.56*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8059	329	21.32	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7769	337	17.26	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8159	325	40.80	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8672	311	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8750	308	14.35	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	8993	301	132.29	\$67.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9274	295	19.32	\$479.90*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9563	291	239.91	\$39.86*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11230	251	71.08	\$158.00
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11639	244	166.32	\$69.98*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10277	272	220.25	\$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12076	235	177.59	\$68.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10321	270	114.70	\$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12407	227	124.09	\$99.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11163	254	200.34	\$55.72*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13428	212	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13341	214	95.36	\$139.90
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11733	243	147.14	\$79.74*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13648	207	62.61	\$218.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	317	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	369	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	309	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7542 @ 2.67GHz	8972	302	13.22	\$678.48*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	283	18.07	\$550.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11230	250	255.23	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	433	46.34	\$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	415	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	431	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	430	33.66	\$130.00
[Dual CPU] Quad-Core AMD Opteron 8378	5382	404	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	363	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	395	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	389	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	322	NA	NA
[Quad CPU] AMD Opteron 6136	9767	285	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	315	33.05	\$260.00
[Quad CPU] AMD Opteron 6272	12292	230	43.91	\$279.96
[Quad CPU] AMD Opteron 6274	10488	265	58.28	\$179.96
[Quad CPU] AMD Opteron 6276	15342	185	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	236	24.31	\$495.80
[Quad CPU] AMD Opteron 6282 SE	11044	255	4.31	\$2,560.00
[Quad CPU] AMD Opteron 6376	13257	216	50.99	\$260.00
[Quad CPU] AMD Opteron 6378	20859	119	27.45	\$760.00
[Quad CPU] AMD Opteron 6380	12442	224	52.72	\$236.00
[Quad CPU] AMD Opteron 8360 SE	6490	372	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	385	NA	NA
[Quad CPU] AMD Opteron 8382	8553	316	10.74	\$796.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 8425 HE	7359	350	NA	NA
[Quad CPU] AMD Opteron 8431	8252	324	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	357	24.65	\$288.00*
[Quad CPU] AMD Opteron 8439 SE	8943	304	37.26	\$240.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	485	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	446	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	168	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	14669	193	27.32	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	208	42.59	\$319.96*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	77	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4640 @ 2.40GHz	19643	136	1.80	\$10,920.00*
[Quad CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	20036	131	18.41	\$1,088.16*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	17127	165	61.18	\$279.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	68	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650L @ 2.60GHz	18557	153	61.87	\$299.92*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	39	2.14	\$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	129	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4830 @ 2.13GHz	13606	210	105.31	\$129.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	176	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	25	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	55	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	35	NA	NA
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	36830	18	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	15433	182	96.48	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17398	163	131.84	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15429	183	20.41	\$756.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	222	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	17065	157	20.00	\$600.00**

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	6081	386	17.89	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	338	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	278	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	290	9.99	\$958.52*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	298	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	69	5.15	\$5,079.96*
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	24	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	9	2.48	\$16,435.80
[Quad CPU] Intel Xeon Gold 6248 @ 2.50GHz	41863	6	3.17	\$13,199.96*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	286	NA	NA
[Quad CPU] Intel Xeon L7555 @ 1.87GHz	10406	268	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	4	1.10	\$40,060.00*
[Quad CPU] Intel Xeon Platinum 8180M @ 2.50GHz	48904	2	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	292	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	237	4.24	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	314	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	245	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	12824	221	145.73	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	354	27.58	\$260.00

* - Last price seen from our affiliates.

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OSForensics	PCIe Test Cards	Hard Drive Benchmarks	The Press Room	Forums	Privacy
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			
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