

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

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 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

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2807	NA	NA
AMD A4 Micro-6400T APU	1544	1997	NA	NA
AMD A4 PRO-3340B	2402	1602	NA	NA
AMD A4 PRO-7300B APU	2353	1624	NA	NA
AMD A4 PRO-7350B	2227	1677	NA	NA
AMD A4-1200 APU	632	2487	NA	NA
AMD A4-1250 APU	622	2494	NA	NA
AMD A4-3300 APU	1503	2022	115.75	\$12.99
AMD A4-3300M APU	1188	2186	39.62	\$29.99*
AMD A4-3305M APU	1227	2164	39.84	\$30.81
AMD A4-3310MX APU	1286	2127	NA	NA
AMD A4-3320M APU	1253	2150	34.93	\$35.90

Power Performance CPU Mark by Socket Type	AMD A4-3330MX APU	1218	2167	NA	NA
	AMD A4-3400 APU	1594	1981	18.13	\$87.95
CPU Mega List Search Model	AMD A4-3420 APU	1664	1942	NA	NA
	AMD A4-4000 APU	1833	1854	14.30	\$128.27*
Compare ⁰	AMD A4-4020 APU	1909	1813	23.00	\$83.00
	AMD A4-4300M APU	1613	1970	40.48	\$39.86
Common Most Benchmarked	AMD A4-4355M APU	1177	2190	NA	NA
	AMD A4-5000 APU	1917	1808	NA	NA
AMD vs Intel Market Share	AMD A4-5050 APU	2113	1720	NA	NA
	AMD A4-5100 APU	2060	1744	NA	NA
	AMD A4-5150M APU	1864	1836	NA	NA
	AMD A4-5300 APU	2017	1761	18.29	\$110.32*
	AMD A4-5300B APU	2149	1704	56.56	\$38.00*
	AMD A4-6210 APU	2171	1696	NA	NA
	AMD A4-6250J APU	2556	1546	NA	NA
	AMD A4-6300 APU	2225	1679	37.09	\$59.99*
	AMD A4-6300B APU	2159	1702	21.59	\$100.00*
	AMD A4-6320 APU	2329	1627	33.29	\$69.99*
	AMD A4-7210 APU	2527	1554	NA	NA
	AMD A4-7300 APU	2311	1636	20.64	\$112.00
	AMD A4-9120	1962	1785	NA	NA
	AMD A4-9120C	1539	2000	NA	NA
	AMD A4-9125	2001	1767	NA	NA
	AMD A6 Micro-6500T APU	1834	1853	NA	NA
	AMD A6 PRO-7050B APU	1616	1968	NA	NA
	AMD A6 PRO-7400B	2621	1520	NA	NA
	AMD A6-1450 APU	1539	2001	NA	NA
	AMD A6-3400M APU	1888	1827	63.01	\$29.97*
	AMD A6-3410MX APU	2059	1747	516.08	\$3.99*
	AMD A6-3420M APU	2004	1766	NA	NA
	AMD A6-3430MX APU	2200	1688	NA	NA
	AMD A6-3500 APU	2029	1756	50.76	\$39.99*

AMD A6-3600 APU	2707	1498	117.76	\$22.99*
AMD A6-3620 APU	2793	1468	46.57	\$59.99*
AMD A6-3650 APU	3148	1350	98.41	\$31.99*
AMD A6-3670 APU	3166	1338	5.19	\$610.00*
AMD A6-4400M APU	1642	1955	205.54	\$7.99*
AMD A6-4455M APU	1286	2128	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	2435	1591	NA	NA
AMD A6-5345M APU	1476	2033	NA	NA
AMD A6-5350M APU	1906	1815	44.20	\$43.12
AMD A6-5357M APU	1953	1791	NA	NA
AMD A6-5400B APU	2250	1666	21.43	\$105.04*
AMD A6-5400K APU	2161	1700	34.85	\$62.02
AMD A6-6310 APU	2464	1582	NA	NA
AMD A6-6400B APU	2281	1649	NA	NA
AMD A6-6400K APU	2313	1634	29.71	\$77.85
AMD A6-6420B APU	2612	1523	NA	NA
AMD A6-6420K APU	2388	1610	15.92	\$149.99*
AMD A6-7000	1667	1939	NA	NA
AMD A6-7310 APU	2672	1506	NA	NA
AMD A6-7400K APU	2789	1471	43.06	\$64.79
AMD A6-7470K	2727	1491	20.52	\$132.91
AMD A6-7480	3135	1351	71.28	\$43.99*
AMD A6-8500P	2202	1687	NA	NA
AMD A6-8550	3032	1384	NA	NA
AMD A6-9200	1747	1890	NA	NA
AMD A6-9210	1768	1878	NA	NA
AMD A6-9220	2171	1695	NA	NA
AMD A6-9220C	2071	1738	NA	NA
AMD A6-9220e	1629	1963	NA	NA
AMD A6-9225	2125	1714	NA	NA

AMD A6-9230	2102	1724	NA	NA
AMD A6-9500	3054	1378	59.12	\$51.67
AMD A6-9500E	2889	1440	39.85	\$72.50
AMD A8 PRO-7150B APU	2655	1510	NA	NA
AMD A8 PRO-7600B APU	4752	970	NA	NA
AMD A8-3500M APU	1980	1774	28.32	\$69.95
AMD A8-3510MX APU	2414	1597	NA	NA
AMD A8-3520M APU	2170	1697	NA	NA
AMD A8-3530MX APU	2354	1622	NA	NA
AMD A8-3550MX APU	2610	1524	NA	NA
AMD A8-3800 APU	3011	1388	52.84	\$56.99*
AMD A8-3820 APU	3106	1361	24.86	\$124.99*
AMD A8-3850 APU	3458	1256	32.72	\$105.68*
AMD A8-3870K APU	3537	1233	23.64	\$149.67*
AMD A8-4500M APU	2666	1507	NA	NA
AMD A8-4555M APU	2121	1716	NA	NA
AMD A8-5500 APU	3998	1120	70.77	\$56.50*
AMD A8-5500B APU	4023	1116	NA	NA
AMD A8-5545M APU	2580	1534	NA	NA
AMD A8-5550M APU	3003	1393	NA	NA
AMD A8-5557M APU	2954	1409	NA	NA
AMD A8-5600K APU	4341	1056	18.93	\$229.30
AMD A8-6410 APU	2576	1537	NA	NA
AMD A8-6500 APU	4393	1046	46.26	\$94.99*
AMD A8-6500B APU	4612	998	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	1302	NA	NA
AMD A8-6600K APU	4591	1005	47.34	\$96.99*
AMD A8-7050	1824	1858	NA	NA
AMD A8-7100 APU	2805	1466	NA	NA
AMD A8-7200P	3338	1289	NA	NA

AMD A8-7410 APU	2748	1485	NA	NA
AMD A8-7600 APU	5063	909	34.46	\$146.94*
AMD A8-7650K	4929	937	42.87	\$114.99
AMD A8-7670K	5083	902	31.56	\$161.10*
AMD A8-7680	5322	869	88.73	\$59.99*
AMD A8-8600P	3248	1308	NA	NA
AMD A8-8650	5465	844	NA	NA
AMD A8-9600	4968	931	73.08	\$67.99
AMD A9-9400	2306	1638	NA	NA
AMD A9-9410	2542	1552	NA	NA
AMD A9-9420	2340	1626	NA	NA
AMD A9-9420e	1820	1862	NA	NA
AMD A9-9425	2505	1568	NA	NA
AMD A9-9430	2524	1557	NA	NA
AMD A10 Micro-6700T APU	1970	1780	NA	NA
AMD A10 PRO-7350B APU	3157	1343	NA	NA
AMD A10 PRO-7800B APU	4979	927	NA	NA
AMD A10 PRO-7850B APU	5380	858	NA	NA
AMD A10-4600M APU	3115	1360	NA	NA
AMD A10-4655M APU	2605	1526	NA	NA
AMD A10-4657M APU	2906	1428	NA	NA
AMD A10-5700 APU	4214	1084	65.35	\$64.50*
AMD A10-5745M APU	2762	1480	NA	NA
AMD A10-5750M APU	3341	1286	NA	NA
AMD A10-5757M APU	3084	1367	NA	NA
AMD A10-5800B APU	4614	997	NA	NA
AMD A10-5800K APU	4648	988	30.99	\$149.99*
AMD A10-6700 APU	4605	1001	39.37	\$116.99*
AMD A10-6700T APU	3693	1197	25.02	\$147.61*
AMD A10-6790K APU	4714	976	49.64	\$94.99*
AMD A10-6800B APU	4822	957	NA	NA
AMD A10-6800K APU	4861	953	55.39	\$87.76*

AMD A10-7300 APU	2905	1430	NA	NA
AMD A10-7400P	3609	1213	NA	NA
AMD A10-7700K APU	5119	897	40.80	\$125.47
AMD A10-7800 APU	4974	929	48.11	\$103.39*
AMD A10-7850K APU	5468	843	32.68	\$167.33*
AMD A10-7860K	5047	913	28.84	\$175.00*
AMD A10-7870K	5476	840	24.12	\$226.99*
AMD A10-7890K	5706	809	28.53	\$199.99*
AMD A10-8700P	3442	1260	NA	NA
AMD A10-8750	5064	908	NA	NA
AMD A10-8850	5604	820	NA	NA
AMD A10-9600P	3766	1175	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9620P	3672	1202	NA	NA
AMD A10-9630P	4474	1029	NA	NA
AMD A10-9700	5385	857	64.18	\$83.91
AMD A10-9700E	4747	973	43.17	\$109.98
AMD A12-9700P	3712	1192	NA	NA
AMD A12-9720P	3993	1121	NA	NA
AMD A12-9730P	4417	1043	NA	NA
AMD A12-9800	5579	824	37.64	\$148.24*
AMD A12-9800E	5087	900	38.72	\$131.38*
AMD Athlon64 X2 Dual Core 4600+	1108	2232	NA	NA
AMD Athlon 4	279	2827	4.00	\$69.99
AMD Athlon 64 2000+	116	2961	NA	NA
AMD Athlon 64 2200+	575	2519	NA	NA
AMD Athlon 64 2600+	374	2701	NA	NA
AMD Athlon 64 2800+	438	2630	4.38	\$99.99*
AMD Athlon 64 3000+	464	2598	4.26	\$108.95
AMD Athlon 64 3200+	492	2568	3.29	\$149.95*
AMD Athlon 64 3300+	576	2518	NA	NA

<u>AMD Athlon 64 3400+</u>	545	2529	NA	NA
<u>AMD Athlon 64 3500+</u>	541	2535	<u>4.97</u>	<u>\$108.95</u>
<u>AMD Athlon 64 3600+</u>	601	2503	NA	NA
<u>AMD Athlon 64 3700+</u>	598	2504	<u>8.67</u>	<u>\$69.00*</u>
<u>AMD Athlon 64 3800+</u>	589	2508	<u>3.28</u>	<u>\$179.95*</u>
<u>AMD Athlon 64 4000+</u>	608	2498	<u>3.32</u>	<u>\$183.27*</u>
<u>AMD Athlon 64 FX-25</u>	794	2414	NA	NA
<u>AMD Athlon 64 FX-34</u>	380	2694	NA	NA
<u>AMD Athlon 64 FX-51</u>	437	2631	NA	NA
<u>AMD Athlon 64 FX-53</u>	646	2479	<u>21.57</u>	<u>\$29.99*</u>
<u>AMD Athlon 64 FX-55</u>	721	2444	<u>4.01</u>	<u>\$179.95*</u>
<u>AMD Athlon 64 FX-57</u>	730	2440	NA	NA
<u>AMD Athlon 64 FX-59</u>	715	2447	NA	NA
<u>AMD Athlon 64 FX-60 Dual Core</u>	1282	2132	NA	NA
<u>AMD Athlon 64 FX-62 Dual Core</u>	1573	1987	NA	NA
<u>AMD Athlon 64 FX-72</u>	1794	1870	NA	NA
<u>AMD Athlon 64 FX-74</u>	1495	2026	<u>2.99</u>	<u>\$499.50*</u>
<u>AMD Athlon 64 X2 3800+</u>	958	2327	NA	NA
<u>AMD Athlon 64 X2 4200+</u>	1285	2129	<u>4.16</u>	<u>\$308.95*</u>
<u>AMD Athlon 64 X2 Dual Core 3400+</u>	994	2300	NA	NA
<u>AMD Athlon 64 X2 Dual Core 3600+</u>	962	2321	<u>16.03</u>	<u>\$60.00</u>
<u>AMD Athlon 64 X2 Dual Core 3800+</u>	999	2294	NA	NA
<u>AMD Athlon 64 X2 Dual Core 4000+</u>	1045	2265	NA	NA
<u>AMD Athlon 64 X2 Dual Core 4200+</u>	1098	2235	<u>5.49</u>	<u>\$199.95</u>
<u>AMD Athlon 64 X2 Dual Core 4400+</u>	1145	2214	<u>19.09</u>	<u>\$60.00</u>
<u>AMD Athlon 64 X2 Dual Core 4600+</u>	1218	2168	<u>3.39</u>	<u>\$359.95</u>
<u>AMD Athlon 64 X2 Dual Core 4800+</u>	1253	2151	<u>2.73</u>	<u>\$459.95*</u>
<u>AMD Athlon 64 X2 Dual Core 5000+</u>	1313	2109	<u>3.96</u>	<u>\$331.49*</u>
<u>AMD Athlon 64 X2 Dual Core 5200+</u>	1381	2074	<u>9.87</u>	<u>\$139.95</u>
<u>AMD Athlon 64 X2 Dual Core 5400+</u>	1450	2044	<u>27.37</u>	<u>\$52.99*</u>
<u>AMD Athlon 64 X2 Dual Core 5600+</u>	1485	2030	<u>9.90</u>	<u>\$149.95</u>
CPU Name	Passmark CPU Mark	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

(higher is better)				
<u>AMD Athlon 64 X2 Dual Core 5800+</u>	1516	2013	<u>60.68</u>	<u>\$24.99*</u>
<u>AMD Athlon 64 X2 Dual Core 6000+</u>	1603	1974	<u>34.89</u>	<u>\$45.95</u>
<u>AMD Athlon 64 X2 Dual Core 6400+</u>	1787	1872	<u>6.87</u>	<u>\$259.95</u>
<u>AMD Athlon 64 X2 Dual Core BE-230</u>	1095	2238	NA	NA
<u>AMD Athlon 64 X2 Dual Core BE-2300</u>	1082	2249	NA	NA
<u>AMD Athlon 64 X2 Dual Core BE-2350</u>	1044	2266	NA	NA
<u>AMD Athlon 64 X2 Dual Core TK-53</u>	839	2391	<u>28.02</u>	<u>\$29.97*</u>
<u>AMD Athlon 64 X2 Dual Core TK-55</u>	839	2393	<u>14.53</u>	<u>\$57.74*</u>
<u>AMD Athlon 64 X2 Dual Core TK-57</u>	971	2315	NA	NA
<u>AMD Athlon 64 X2 Dual-Core TK-42</u>	877	2371	NA	NA
<u>AMD Athlon 64 X2 Dual-Core TK-53</u>	819	2400	NA	NA
<u>AMD Athlon 64 X2 Dual-Core TK-55</u>	874	2372	<u>12.02</u>	<u>\$72.74*</u>
<u>AMD Athlon 64 X2 Dual-Core TK-57</u>	924	2350	NA	NA
<u>AMD Athlon 64 X2 QL-60</u>	925	2348	NA	NA
<u>AMD Athlon 64 X2 QL-62</u>	1003	2290	NA	NA
<u>AMD Athlon 64 X2 QL-64</u>	990	2304	NA	NA
<u>AMD Athlon 64 X2 QL-65</u>	1050	2264	NA	NA
<u>AMD Athlon 64 X2 QL-66</u>	947	2336	NA	NA
<u>AMD Athlon 64 X2 QL-67</u>	1006	2288	NA	NA
<u>AMD Athlon 64 X2 TK-55</u>	955	2328	NA	NA
<u>AMD Athlon 64 X2 TK-57</u>	988	2305	NA	NA
<u>AMD Athlon 200GE</u>	4946	934	<u>86.79</u>	<u>\$56.99</u>
<u>AMD Athlon 220GE</u>	5237	878	<u>75.00</u>	<u>\$69.83</u>
<u>AMD Athlon 240GE</u>	5478	838	<u>88.64</u>	<u>\$61.81</u>
<u>AMD Athlon 300U</u>	4711	977	NA	NA
<u>AMD Athlon 1500+</u>	294	2799	NA	NA
<u>AMD Athlon 1640B</u>	670	2470	<u>13.42</u>	<u>\$50.00*</u>
<u>AMD Athlon 2000+</u>	390	2690	NA	NA
<u>AMD Athlon 2100+</u>	412	2653	NA	NA
<u>AMD Athlon 2200+</u>	363	2719	<u>4.55</u>	<u>\$79.99*</u>
<u>AMD Athlon 2400+</u>	462	2602	NA	NA

AMD Athlon 2500+	374	2699	2.04	\$183.99*
AMD Athlon 2600+	444	2623	4.23	\$104.95*
AMD Athlon 2650e	407	2659	21.47	\$19.00*
AMD Athlon 2800+	447	2618	3.20	\$139.95*
AMD Athlon 2850e	506	2561	NA	NA
AMD Athlon 3100+	485	2579	NA	NA
AMD Athlon 3200+	458	2606	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	2122	10.78	\$119.95
AMD Athlon 5150 APU	2105	1722	13.16	\$159.95
AMD Athlon 5200 Dual-Core	1266	2145	42.23	\$29.99*
AMD Athlon 5350 APU	2609	1525	20.39	\$127.95
AMD Athlon 5370 APU	2914	1424	45.76	\$63.70*
AMD Athlon 7450 Dual-Core	1449	2045	NA	NA
AMD Athlon 7550 Dual-Core	1472	2034	24.54	\$60.00*
AMD Athlon 7750 Dual-Core	1570	1988	10.26	\$152.99
AMD Athlon 7850 Dual-Core	1710	1908	8.16	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2810	NA	NA
AMD Athlon Dual Core 4050e	1086	2244	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 4450B	1168	2199	37.69	\$31.00*
AMD Athlon Dual Core 4450e	1110	2229	NA	NA
AMD Athlon Dual Core 4850B	1391	2067	NA	NA
AMD Athlon Dual Core 4850e	1315	2108	33.73	\$39.00*
AMD Athlon Dual Core 5000B	1308	2111	13.77	\$95.00*
AMD Athlon Dual Core 5050e	1343	2094	22.39	\$60.00*
AMD Athlon Dual Core 5200B	1316	2107	NA	NA
AMD Athlon Dual Core 5400B	1420	2056	NA	NA
AMD Athlon Dual Core 5600B	1304	2115	NA	NA
AMD Athlon II 160u	563	2525	18.78	\$29.99*
AMD Athlon II 170u	626	2490	20.91	\$29.95*
AMD Athlon II Dual-Core M300	1112	2226	NA	NA

AMD Athlon II Dual-Core M320	1141	2216	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2261	NA	NA
AMD Athlon II N330 Dual-Core	1154	2208	NA	NA
AMD Athlon II N350 Dual-Core	1249	2157	NA	NA
AMD Athlon II N370 Dual-Core	1559	1993	NA	NA
AMD Athlon II Neo K125	473	2592	NA	NA
AMD Athlon II Neo K145	525	2544	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2419	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2383	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2413	NA	NA
AMD Athlon II P320 Dual-Core	1217	2169	40.64	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2155	27.82	\$44.95*
AMD Athlon II P360 Dual-Core	1319	2106	55.00	\$24.00*
AMD Athlon II X2 210e	1486	2029	NA	NA
AMD Athlon II X2 215	1566	1991	130.68	\$11.99*
AMD Athlon II X2 220	1634	1960	50.77	\$32.19
AMD Athlon II X2 225	1526	2006	NA	NA
AMD Athlon II X2 235e	1661	1947	9.13	\$181.88*
AMD Athlon II X2 240	1643	1954	47.01	\$34.95
AMD Athlon II X2 240e	1700	1920	48.64	\$34.95*
AMD Athlon II X2 245	1662	1946	47.55	\$34.95*
AMD Athlon II X2 245e	1709	1912	21.37	\$80.00*
AMD Athlon II X2 250	1741	1892	44.71	\$38.95
AMD Athlon II X2 250e	1939	1795	25.28	\$76.73*
AMD Athlon II X2 250u	1004	2289	28.74	\$34.95*
AMD Athlon II X2 255	1841	1848	28.24	\$65.22*
AMD Athlon II X2 260	1876	1830	93.87	\$19.99*
AMD Athlon II X2 260u	1107	2233	13.28	\$83.44*
AMD Athlon II X2 265	1892	1821	22.84	\$82.88*
AMD Athlon II X2 270	1975	1776	82.35	\$23.99*
AMD Athlon II X2 270u	1285	2131	18.99	\$67.67*

AMD Athlon II X2 280	2129	1711	21.30	\$99.99*
AMD Athlon II X2 4300e	1483	2031	NA	NA
AMD Athlon II X2 4400e	1632	1962	NA	NA
AMD Athlon II X2 4450e	1504	2020	NA	NA
AMD Athlon II X2 B22	1714	1906	41.13	\$41.69*
AMD Athlon II X2 B24	1780	1875	44.57	\$39.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 B26	1906	1814	54.56	\$34.95
AMD Athlon II X2 B28	2085	1732	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1765	18.70	\$107.43*
AMD Athlon II X3 405e	2000	1769	25.00	\$79.99*
AMD Athlon II X3 415e	2247	1667	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1646	19.68	\$116.15*
AMD Athlon II X3 425	2314	1633	85.74	\$26.99*
AMD Athlon II X3 425e	2239	1673	NA	NA
AMD Athlon II X3 435	2470	1579	82.38	\$29.99*
AMD Athlon II X3 440	2567	1541	95.12	\$26.99*
AMD Athlon II X3 445	2574	1539	28.29	\$91.00*
AMD Athlon II X3 450	2620	1522	68.94	\$38.01
AMD Athlon II X3 455	2765	1478	70.92	\$38.99*
AMD Athlon II X3 460	2864	1446	73.46	\$38.99*
AMD Athlon II X4 553	3814	1163	NA	NA
AMD Athlon II X4 555	3830	1159	NA	NA
AMD Athlon II X4 559	4125	1100	NA	NA
AMD Athlon II X4 600e	2465	1581	18.93	\$130.23*
AMD Athlon II X4 605e	2716	1495	26.69	\$101.80*
AMD Athlon II X4 610e	2793	1467	39.92	\$69.99*
AMD Athlon II X4 615e	2899	1436	49.15	\$59.00*
AMD Athlon II X4 620	2928	1421	48.86	\$59.95
AMD Athlon II X4 620e	2906	1429	NA	NA
AMD Athlon II X4 630	3131	1353	49.75	\$62.95

AMD Athlon II X4 631 Quad-Core	3149	1349	39.36	\$80.00*
AMD Athlon II X4 635	3234	1313	46.23	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1326	120.73	\$26.49*
AMD Athlon II X4 640	3314	1292	41.46	\$79.95
AMD Athlon II X4 641 Quad-Core	3343	1284	36.54	\$91.50*
AMD Athlon II X4 645	3466	1254	69.34	\$49.99*
AMD Athlon II X4 650	3482	1250	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3575	1224	20.08	\$178.04*
AMD Athlon II X4 655	2998	1395	NA	NA
AMD Athlon II X4 6400e	2594	1529	NA	NA
AMD Athlon L110	303	2780	NA	NA
AMD Athlon LE-1600	557	2527	26.57	\$21.00*
AMD Athlon LE-1620	578	2516	32.12	\$18.00*
AMD Athlon LE-1640	626	2489	NA	NA
AMD Athlon LE-1660	679	2467	NA	NA
AMD Athlon MP	230	2881	18.46	\$12.49
AMD Athlon MP 1700+	339	2741	NA	NA
AMD Athlon MP 2400+	436	2632	NA	NA
AMD Athlon MP 2800+	497	2566	NA	NA
AMD Athlon Neo MV-40	410	2655	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2293	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2418	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2396	NA	NA
AMD Athlon PRO 200GE	5163	890	NA	NA
AMD Athlon PRO 300GE	5560	830	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon QI-46	473	2591	NA	NA
AMD Athlon TF-20	413	2651	NA	NA
AMD Athlon TF-36	395	2678	NA	NA
AMD Athlon X2 215	1543	1999	NA	NA
AMD Athlon X2 235e	1806	1866	NA	NA

AMD Athlon X2 240	1602	1975	NA	NA
AMD Athlon X2 240e	1670	1937	NA	NA
AMD Athlon X2 250	1696	1923	NA	NA
AMD Athlon X2 255	1627	1964	NA	NA
AMD Athlon X2 280	2303	1641	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1932	1801	38.66	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1665	NA	NA
AMD Athlon X2 440	1424	2054	NA	NA
AMD Athlon X2 Dual Core 3250e	778	2417	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2296	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2354	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2230	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2170	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2153	NA	NA
AMD Athlon X2 Dual Core L310	645	2480	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2286	NA	NA
AMD Athlon X3 425	2191	1691	NA	NA
AMD Athlon X3 435	2574	1540	26.96	\$95.49*
AMD Athlon X3 440	2078	1734	23.62	\$87.99*
AMD Athlon X3 445	2314	1632	NA	NA
AMD Athlon X3 455	2401	1603	NA	NA
AMD Athlon X4 605e	2505	1569	NA	NA
AMD Athlon X4 620	2861	1447	47.74	\$59.95
AMD Athlon X4 635	2891	1439	23.71	\$121.99*
AMD Athlon X4 640	3172	1334	NA	NA
AMD Athlon X4 740 Quad Core	4029	1115	14.55	\$277.00*
AMD Athlon X4 750 Quad Core	4551	1011	NA	NA
AMD Athlon X4 750K Quad Core	4273	1070	55.50	\$76.99*
AMD Athlon X4 760K Quad Core	4597	1003	109.51	\$41.98*
AMD Athlon X4 830	4701	979	NA	NA
AMD Athlon X4 840	5070	905	64.39	\$78.74*
AMD Athlon X4 845	5408	851	101.80	\$53.13*

AMD Athlon X4 860K	5410	850	40.09	\$134.95*
AMD Athlon X4 870K	5320	871	66.52	\$79.99*
AMD Athlon X4 880K	5590	822	55.91	\$99.99*
AMD Athlon X4 950	5220	880	64.47	\$80.98
AMD Athlon XP1600+	281	2823	NA	NA
AMD Athlon XP1900+	353	2728	NA	NA
AMD Athlon XP2100+	287	2812	NA	NA
AMD Athlon XP2200+	401	2670	NA	NA
AMD Athlon XP2400+	374	2700	NA	NA
AMD Athlon XP 1500	282	2822	NA	NA
AMD Athlon XP 1500+	257	2852	NA	NA
AMD Athlon XP 1600+	267	2842	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 1700	344	2738	NA	NA
AMD Athlon XP 1700+	271	2838	4.43	\$61.25*
AMD Athlon XP 1800+	300	2787	5.10	\$58.95*
AMD Athlon XP 1900+	312	2771	NA	NA
AMD Athlon XP 2000+	299	2788	12.00	\$24.99*
AMD Athlon XP 2100+	323	2755	NA	NA
AMD Athlon XP 2200+	328	2754	3.87	\$84.95*
AMD Athlon XP 2300+	464	2599	NA	NA
AMD Athlon XP 2400+	360	2721	4.01	\$89.99*
AMD Athlon XP 2500+	355	2725	NA	NA
AMD Athlon XP 2600+	372	2705	16.18	\$23.03*
AMD Athlon XP 2700+	393	2681	4.64	\$84.79*
AMD Athlon XP 2800+	400	2672	NA	NA
AMD Athlon XP 2900+	424	2645	NA	NA
AMD Athlon XP 3000+	402	2668	5.06	\$79.70*
AMD Athlon XP 3100+	433	2636	NA	NA
AMD Athlon XP 3200+	432	2637	NA	NA
AMD Athlon XP 3400+	570	2522	NA	NA

<u>AMD Athlon XP Pro3+</u>	367	2712	NA	NA
<u>AMD Athlon XP-M</u>	541	2536	15.48	\$34.95*
<u>AMD C-30</u>	310	2773	NA	NA
<u>AMD C-50</u>	462	2601	NA	NA
<u>AMD C-60</u>	466	2595	NA	NA
<u>AMD C-60 APU</u>	545	2530	NA	NA
<u>AMD C-70 APU</u>	558	2526	NA	NA
<u>AMD E1 Micro-6200T APU</u>	960	2324	NA	NA
<u>AMD E1-1200 APU</u>	655	2477	NA	NA
<u>AMD E1-1500 APU</u>	687	2462	NA	NA
<u>AMD E1-2100 APU</u>	642	2484	NA	NA
<u>AMD E1-2200 APU</u>	767	2421	NA	NA
<u>AMD E1-2500 APU</u>	893	2368	NA	NA
<u>AMD E1-6010 APU</u>	868	2375	NA	NA
<u>AMD E1-6015 APU</u>	900	2364	NA	NA
<u>AMD E1-7010 APU</u>	1018	2281	NA	NA
<u>AMD E2-1800 APU</u>	815	2401	NA	NA
<u>AMD E2-2000 APU</u>	825	2397	NA	NA
<u>AMD E2-3000 APU</u>	1140	2217	NA	NA
<u>AMD E2-3000M APU</u>	1093	2239	54.65	\$20.00*
<u>AMD E2-3200 APU</u>	1380	2075	172.79	\$7.99*
<u>AMD E2-3800 APU</u>	1645	1953	NA	NA
<u>AMD E2-6110 APU</u>	1916	1809	NA	NA
<u>AMD E2-7110 APU</u>	2291	1642	NA	NA
<u>AMD E2-9000</u>	1654	1950	NA	NA
<u>AMD E2-9000e</u>	1324	2104	NA	NA
<u>AMD E2-9010</u>	1705	1915	NA	NA
<u>AMD E2-9030</u>	1515	2015	NA	NA
<u>AMD E-240</u>	319	2761	NA	NA
<u>AMD E-300 APU</u>	609	2497	NA	NA
<u>AMD E-350</u>	745	2435	NA	NA
CPU Name	Passmark CPU Mark	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

(higher is better)				
<u>AMD E-350 APU</u>	759	2427	NA	NA
<u>AMD E-350D APU</u>	726	2442	NA	NA
<u>AMD E-450 APU</u>	765	2422	NA	NA
<u>AMD Embedded G-Series GX-215JJ Radeon R2E</u>	1758	1881	NA	NA
<u>AMD Embedded G-Series GX-224IJ Radeon R4E</u>	2088	1729	NA	NA
<u>AMD Embedded G-Series GX-420GI Radeon R7E</u>	2508	1565	NA	NA
<u>AMD Embedded R-Series RX-216GD</u>	2409	1600	NA	NA
<u>AMD Embedded R-Series RX-418GD Radeon R6</u>	5068	906	NA	NA
<u>AMD Embedded R-Series RX-421BD</u>	4635	992	NA	NA
<u>AMD EPYC 3201</u>	9634	406	NA	NA
<u>AMD EPYC 3251</u>	11690	275	<u>37.11</u>	<u>\$315.00*</u>
<u>AMD EPYC 7251</u>	11811	271	<u>26.01</u>	<u>\$454.18</u>
<u>AMD EPYC 7301</u>	14978	172	<u>22.47</u>	<u>\$666.70</u>
<u>AMD EPYC 7351</u>	18081	106	<u>24.66</u>	<u>\$733.19</u>
<u>AMD EPYC 7351P</u>	14887	174	<u>11.30</u>	<u>\$1,317.00</u>
<u>AMD EPYC 7371</u>	22071	49	NA	NA
<u>AMD EPYC 7401P</u>	20221	71	<u>21.32</u>	<u>\$948.45</u>
<u>AMD EPYC 7501</u>	18942	94	<u>9.19</u>	<u>\$2,060.86</u>
<u>AMD EPYC 7502P</u>	23465	39	<u>10.20</u>	<u>\$2,300.00*</u>
<u>AMD EPYC 7551</u>	18483	98	<u>13.17</u>	<u>\$1,403.49</u>
<u>AMD EPYC 7551P</u>	18443	101	<u>13.14</u>	<u>\$1,403.49</u>
<u>AMD EPYC 7571</u>	20858	65	NA	NA
<u>AMD EPYC 7702P</u>	46067	2	<u>10.41</u>	<u>\$4,425.00*</u>
<u>AMD EPYC 7742</u>	47365	1	<u>6.82</u>	<u>\$6,950.00*</u>
<u>AMD FirePro A320 APU</u>	4540	1017	NA	NA
<u>AMD FX-670K Quad-Core</u>	4550	1013	NA	NA
<u>AMD FX-770K Quad-Core</u>	4814	960	NA	NA
<u>AMD FX-870K Quad Core</u>	5021	919	NA	NA
<u>AMD FX-4100 Quad-Core</u>	4075	1108	<u>26.56</u>	<u>\$153.45*</u>

AMD FX-4130 Quad-Core	4162	1091	54.78	\$75.99*
AMD FX-4150 Quad-Core	4594	1004	NA	NA
AMD FX-4170 Quad-Core	4868	948	48.69	\$99.99*
AMD FX-4200 Quad-Core	4260	1074	18.67	\$228.21*
AMD FX-4300 Quad-Core	4694	981	29.91	\$156.97
AMD FX-4320	4997	924	NA	NA
AMD FX-4330	5328	866	NA	NA
AMD FX-4350 Quad-Core	5342	863	12.42	\$430.00
AMD FX-6100 Six-Core	5405	853	20.95	\$258.00*
AMD FX-6120 Six-Core	5749	804	NA	NA
AMD FX-6130 Six-Core	6215	748	NA	NA
AMD FX-6200 Six-Core	6107	761	17.97	\$339.95
AMD FX-6300 Six-Core	6407	732	25.52	\$251.08
AMD FX-6330 Six-Core	6954	677	NA	NA
AMD FX-6350 Six-Core	7021	668	78.02	\$89.99
AMD FX-7500 APU	3206	1323	NA	NA
AMD FX-7600P	4050	1111	NA	NA
AMD FX-7600P APU	4627	994	NA	NA
AMD FX-8100 Eight-Core	5964	775	42.00	\$142.00*
AMD FX-8120 Eight-Core	6640	711	29.81	\$222.73*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8140 Eight-Core	6133	757	NA	NA
AMD FX-8150 Eight-Core	7656	610	64.37	\$118.95
AMD FX-8300 Eight-Core	7769	598	64.75	\$119.99*
AMD FX-8310 Eight-Core	7735	601	NA	NA
AMD FX-8320 Eight-Core	8037	564	53.94	\$149.00
AMD FX-8320E Eight-Core	7575	617	31.66	\$239.24
AMD FX-8350 Eight-Core	8956	480	45.24	\$198.00
AMD FX-8370 Eight-Core	9048	465	41.13	\$220.00*
AMD FX-8370E Eight-Core	7864	584	24.57	\$320.09
AMD FX-8800P	4135	1097	NA	NA

<u>AMD FX-9370 Eight-Core</u>	9460	421	<u>52.56</u>	<u>\$179.99</u>
<u>AMD FX-9590 Eight-Core</u>	10190	348	<u>50.97</u>	<u>\$199.95</u>
<u>AMD FX-9800P</u>	3967	1126	NA	NA
<u>AMD FX-9830P</u>	4783	965	NA	NA
<u>AMD FX-B4150 Quad-Core</u>	4611	999	NA	NA
<u>AMD G-T40E</u>	467	2594	NA	NA
<u>AMD G-T40N</u>	516	2553	NA	NA
<u>AMD G-T40R</u>	203	2908	NA	NA
<u>AMD G-T44R</u>	229	2882	NA	NA
<u>AMD G-T48E</u>	667	2472	NA	NA
<u>AMD G-T52R</u>	308	2775	NA	NA
<u>AMD G-T56E</u>	751	2430	NA	NA
<u>AMD G-T56N</u>	796	2412	NA	NA
<u>AMD Geode NX</u>	264	2845	NA	NA
<u>AMD Geode NX 1750</u>	291	2801	NA	NA
<u>AMD GX-210JA SOC</u>	401	2671	NA	NA
<u>AMD GX-212JC SOC</u>	744	2436	NA	NA
<u>AMD GX-217GA SOC</u>	1107	2234	NA	NA
<u>AMD GX-218GL SOC</u>	1207	2174	NA	NA
<u>AMD GX-222GC SOC</u>	1255	2149	NA	NA
<u>AMD GX-412HC</u>	1497	2025	NA	NA
<u>AMD GX-415GA SOC</u>	1944	1794	NA	NA
<u>AMD GX-420CA SOC</u>	2412	1599	NA	NA
<u>AMD GX-424CC SOC</u>	2491	1573	NA	NA
<u>AMD K7</u>	403	2665	NA	NA
<u>AMD Opteron 140</u>	396	2676	<u>0.62</u>	<u>\$640.00</u>
<u>AMD Opteron 142</u>	428	2641	NA	NA
<u>AMD Opteron 144</u>	486	2576	<u>7.48</u>	<u>\$65.00*</u>
<u>AMD Opteron 146</u>	532	2539	<u>8.87</u>	<u>\$59.99*</u>
<u>AMD Opteron 148</u>	603	2502	NA	NA
<u>AMD Opteron 150</u>	604	2500	NA	NA
<u>AMD Opteron 152</u>	658	2474	NA	NA

AMD Opteron 154	703	2455	NA	NA
AMD Opteron 165	899	2366	1.63	\$550.00
AMD Opteron 170	1097	2236	NA	NA
AMD Opteron 175	1167	2201	NA	NA
AMD Opteron 180	1236	2160	9.51	\$129.95*
AMD Opteron 185	1342	2095	NA	NA
AMD Opteron 246	632	2488	31.62	\$19.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 248	476	2588	4.77	\$99.95
AMD Opteron 250	649	2478	59.01	\$11.00*
AMD Opteron 252	760	2426	12.00	\$63.36*
AMD Opteron 254	693	2459	NA	NA
AMD Opteron 256	963	2319	50.72	\$19.00*
AMD Opteron 265	963	2320	13.20	\$73.00
AMD Opteron 270	1170	2197	1.93	\$607.47*
AMD Opteron 275	1291	2123	15.74	\$82.05*
AMD Opteron 280	1176	2191	18.10	\$65.00
AMD Opteron 285	1470	2036	18.39	\$79.95
AMD Opteron 290	1464	2038	10.85	\$135.00*
AMD Opteron 1210	923	2351	14.21	\$65.00
AMD Opteron 1210 HE	971	2314	NA	NA
AMD Opteron 1212	1009	2287	3.48	\$290.00*
AMD Opteron 1212 HE	1308	2112	NA	NA
AMD Opteron 1214	1191	2184	4.11	\$290.00*
AMD Opteron 1214 HE	1299	2117	NA	NA
AMD Opteron 1216	1311	2110	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2196	NA	NA
AMD Opteron 1218	1468	2037	NA	NA
AMD Opteron 1218 HE	1444	2046	NA	NA
AMD Opteron 1220	1653	1951	NA	NA
AMD Opteron 1222	1757	1883	NA	NA

AMD Opteron 1352	2316	1631	17.04	\$135.99*
AMD Opteron 1354	2630	1519	19.49	\$135.00*
AMD Opteron 1356	2765	1477	30.73	\$89.99*
AMD Opteron 1381	3065	1375	NA	NA
AMD Opteron 2212	1270	2142	63.53	\$20.00*
AMD Opteron 2214	1358	2089	46.85	\$29.00*
AMD Opteron 2214 HE	1415	2058	NA	NA
AMD Opteron 2216	1518	2012	58.84	\$25.80
AMD Opteron 2218	1594	1982	19.94	\$79.95
AMD Opteron 2220	1701	1918	21.29	\$79.95
AMD Opteron 2220 SE	1398	2063	55.92	\$25.00*
AMD Opteron 2222	1843	1846	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1806	NA	NA
AMD Opteron 2350	2820	1458	35.28	\$79.95*
AMD Opteron 2354	2450	1587	7.38	\$332.03*
AMD Opteron 2356	2814	1461	54.12	\$52.00*
AMD Opteron 2373 EE	2789	1472	NA	NA
AMD Opteron 2374 HE	2951	1410	45.40	\$65.00
AMD Opteron 2376	2283	1647	13.69	\$166.81*
AMD Opteron 2378	3179	1332	17.76	\$179.00*
AMD Opteron 2380	2640	1516	58.69	\$45.00
AMD Opteron 2384	3538	1231	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1232	NA	NA
AMD Opteron 2393 SE	2246	1668	NA	NA
AMD Opteron 2427	3069	1373	47.22	\$65.00
AMD Opteron 2431	4516	1020	112.91	\$40.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2435	4708	978	72.44	\$65.00
AMD Opteron 3250 HE	2942	1414	29.73	\$99.00*
AMD Opteron 3260 HE	3259	1305	NA	NA
AMD Opteron 3280	5403	854	19.78	\$273.18*

AMD Opteron 3320 EE	2675	1505	NA	NA
AMD Opteron 3350 HE	4105	1103	NA	NA
AMD Opteron 3365	6088	769	NA	NA
AMD Opteron 3380	6384	734	7.89	\$809.00*
AMD Opteron 4122	2942	1415	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1337	NA	NA
AMD Opteron 4170 HE	3664	1205	62.11	\$59.00*
AMD Opteron 4184	4418	1042	8.50	\$519.95*
AMD Opteron 4280	6430	729	128.60	\$50.00*
AMD Opteron 4284	6660	708	111.03	\$59.99*
AMD Opteron 4332 HE	5614	818	NA	NA
AMD Opteron 4334	6099	765	28.18	\$216.42*
AMD Opteron 4365 EE	5025	917	NA	NA
AMD Opteron 4386	6761	695	48.30	\$139.99*
AMD Opteron 6128	4505	1023	225.37	\$19.99
AMD Opteron 6134	2938	1416	66.81	\$43.99*
AMD Opteron 6136	4631	993	42.10	\$110.00*
AMD Opteron 6164 HE	5351	862	NA	NA
AMD Opteron 6172	5261	874	26.57	\$198.00
AMD Opteron 6174	6171	752	94.94	\$65.00
AMD Opteron 6176 SE	5465	845	34.37	\$159.00*
AMD Opteron 6212	5776	797	192.62	\$29.99*
AMD Opteron 6220	6785	691	113.11	\$59.99*
AMD Opteron 6234	5938	779	198.27	\$29.95*
AMD Opteron 6238	7673	608	21.32	\$359.89*
AMD Opteron 6272	6748	698	84.41	\$79.95
AMD Opteron 6274	4865	950	108.15	\$44.99
AMD Opteron 6276	8889	490	52.60	\$169.00
AMD Opteron 6282 SE	9116	455	14.24	\$640.00
AMD Opteron 6287 SE	9789	389	NA	NA
AMD Opteron 6328	7813	592	13.13	\$595.00
AMD Opteron 6344	9372	429	24.09	\$389.00*

AMD Opteron 6366 HE	7503	622	250.19	\$29.99*
AMD Opteron 6376	9212	447	141.72	\$65.00
AMD Opteron 6378	9094	457	47.87	\$190.00
AMD Opteron 6380	10081	357	170.88	\$59.00
AMD Opteron 6386 SE	10912	304	75.26	\$144.99
AMD Opteron 8354	2255	1664	93.98	\$24.00
AMD Opteron 8439 SE	3813	1164	63.56	\$60.00*
AMD Opteron X2170 APU	3059	1376	NA	NA
AMD Opteron X3216 APU	2366	1619	NA	NA
AMD Opteron X3418 APU	4659	985	NA	NA
AMD Opteron X3421 APU	4886	945	NA	NA
AMD Phenom 2 X4 12000	3005	1392	NA	NA
AMD Phenom 7950 Quad-Core	2991	1397	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8250 Triple-Core	1668	1938	NA	NA
AMD Phenom 8250e Triple-Core	1635	1959	34.81	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1961	NA	NA
AMD Phenom 8450 Triple-Core	1888	1825	63.07	\$29.95*
AMD Phenom 8450e Triple-Core	2026	1758	NA	NA
AMD Phenom 8600 Triple-Core	1673	1933	31.57	\$52.99*
AMD Phenom 8600B Triple-Core	1924	1804	36.33	\$52.99*
AMD Phenom 8650 Triple-Core	1986	1772	39.73	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1748	NA	NA
AMD Phenom 8750B Triple-Core	2034	1753	NA	NA
AMD Phenom 8850 Triple-Core	1968	1782	NA	NA
AMD Phenom 8850B Triple-Core	2080	1733	NA	NA
AMD Phenom 9100e Quad-Core	1833	1855	45.89	\$39.95*
AMD Phenom 9150e Quad-Core	2114	1719	52.92	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1629	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1527	24.76	\$105.00*
AMD Phenom 9500 Quad-Core	2203	1686	76.01	\$28.99*

<u>AMD Phenom 9550 Quad-Core</u>	2544	1550	<u>87.77</u>	<u>\$28.99*</u>
<u>AMD Phenom 9600 Quad-Core</u>	2303	1640	<u>46.11</u>	<u>\$49.95*</u>
<u>AMD Phenom 9600B Quad-Core</u>	2575	1538	<u>17.50</u>	<u>\$147.19*</u>
<u>AMD Phenom 9650 Quad-Core</u>	2635	1517	<u>58.63</u>	<u>\$44.95*</u>
<u>AMD Phenom 9750 Quad-Core</u>	2810	1463	<u>95.32</u>	<u>\$29.49*</u>
<u>AMD Phenom 9750B Quad-Core</u>	2709	1497	NA	NA
<u>AMD Phenom 9850 Quad-Core</u>	2887	1441	<u>24.07</u>	<u>\$119.99*</u>
<u>AMD Phenom 9850B Quad-Core</u>	3160	1342	NA	NA
<u>AMD Phenom 9950 Quad-Core</u>	3008	1390	<u>22.29</u>	<u>\$134.99*</u>
<u>AMD Phenom FX-5000 Quad-Core</u>	2517	1560	NA	NA
<u>AMD Phenom FX-5200 Quad-Core</u>	2948	1412	NA	NA
<u>AMD Phenom FX-7750 Quad-Core</u>	3616	1210	NA	NA
<u>AMD Phenom II 42 TWKR Black Edition</u>	3489	1248	NA	NA
<u>AMD Phenom II N620 Dual-Core</u>	1684	1927	<u>422.27</u>	<u>\$3.99*</u>
<u>AMD Phenom II N640 Dual-Core</u>	1721	1900	<u>26.51</u>	<u>\$64.95*</u>
<u>AMD Phenom II N660 Dual-Core</u>	1844	1844	<u>18.64</u>	<u>\$99.00*</u>
<u>AMD Phenom II N830 3+1</u>	2652	1512	NA	NA
<u>AMD Phenom II N830 Triple-Core</u>	1890	1824	NA	NA
<u>AMD Phenom II N850 Triple-Core</u>	1937	1796	<u>77.51</u>	<u>\$25.00*</u>
<u>AMD Phenom II N870 Triple-Core</u>	2000	1768	NA	NA
<u>AMD Phenom II N930 Quad-Core</u>	2274	1651	<u>17.50</u>	<u>\$129.95*</u>
<u>AMD Phenom II N950 Quad-Core</u>	2485	1577	<u>22.07</u>	<u>\$112.60*</u>
<u>AMD Phenom II N970 Quad-Core</u>	2515	1562	<u>16.77</u>	<u>\$149.99*</u>
<u>AMD Phenom II P650 Dual-Core</u>	1579	1985	<u>45.12</u>	<u>\$35.00*</u>
<u>AMD Phenom II P820 Triple-Core</u>	1602	1976	NA	NA
<u>AMD Phenom II P840 Triple-Core</u>	1709	1910	NA	NA
<u>AMD Phenom II P860 Triple-Core</u>	1756	1885	NA	NA
<u>AMD Phenom II P920 Quad-Core</u>	1866	1835	<u>24.89</u>	<u>\$75.00*</u>
<u>AMD Phenom II P940 Quad-Core</u>	1831	1856	NA	NA
<u>AMD Phenom II P960 Quad-Core</u>	2086	1730	<u>74.51</u>	<u>\$28.00*</u>
<u>AMD Phenom II X2 511</u>	2104	1723	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 X2 521</u>	2071	1737	NA	NA
<u>AMD Phenom II X2 545</u>	1918	1807	<u>43.62</u>	<u>\$43.98*</u>
<u>AMD Phenom II X2 550</u>	2022	1759	<u>40.46</u>	<u>\$49.99*</u>
<u>AMD Phenom II X2 555</u>	2042	1750	<u>72.99</u>	<u>\$27.98*</u>
<u>AMD Phenom II X2 560</u>	2062	1743	<u>31.73</u>	<u>\$64.99*</u>
<u>AMD Phenom II X2 565</u>	2225	1678	<u>10.60</u>	<u>\$209.95</u>
<u>AMD Phenom II X2 570</u>	2068	1741	NA	NA
<u>AMD Phenom II X2 B53</u>	1709	1911	NA	NA
<u>AMD Phenom II X2 B55</u>	1921	1805	<u>40.02</u>	<u>\$48.00*</u>
<u>AMD Phenom II X2 B57</u>	1823	1859	NA	NA
<u>AMD Phenom II X2 B59</u>	2124	1715	<u>48.25</u>	<u>\$44.04</u>
<u>AMD Phenom II X3 700e</u>	2242	1671	NA	NA
<u>AMD Phenom II X3 705e</u>	2227	1676	<u>14.63</u>	<u>\$152.34*</u>
<u>AMD Phenom II X3 710</u>	2448	1588	<u>28.97</u>	<u>\$84.53*</u>
<u>AMD Phenom II X3 715</u>	2649	1514	<u>31.17</u>	<u>\$84.99*</u>
<u>AMD Phenom II X3 720</u>	2666	1508	<u>38.10</u>	<u>\$69.99*</u>
<u>AMD Phenom II X3 740</u>	2985	1399	<u>33.55</u>	<u>\$88.99*</u>
<u>AMD Phenom II X3 B73</u>	2735	1490	<u>36.47</u>	<u>\$75.00*</u>
<u>AMD Phenom II X3 B75</u>	2897	1437	<u>72.45</u>	<u>\$39.99*</u>
<u>AMD Phenom II X3 B77</u>	3067	1374	<u>137.64</u>	<u>\$22.29*</u>
<u>AMD Phenom II X4 805</u>	2998	1394	<u>17.23</u>	<u>\$173.99*</u>
<u>AMD Phenom II X4 810</u>	3121	1357	<u>26.91</u>	<u>\$115.99*</u>
<u>AMD Phenom II X4 820</u>	3393	1270	<u>45.28</u>	<u>\$74.95*</u>
<u>AMD Phenom II X4 830</u>	3434	1261	<u>42.95</u>	<u>\$79.95*</u>
<u>AMD Phenom II X4 840</u>	3509	1244	<u>39.01</u>	<u>\$89.95*</u>
<u>AMD Phenom II X4 840T</u>	3597	1216	<u>51.41</u>	<u>\$69.99*</u>
<u>AMD Phenom II X4 850</u>	3550	1226	<u>54.64</u>	<u>\$64.99*</u>
<u>AMD Phenom II X4 900e</u>	2882	1444	NA	NA
<u>AMD Phenom II X4 905e</u>	3080	1369	<u>57.06</u>	<u>\$53.99*</u>
<u>AMD Phenom II X4 910</u>	3247	1309	<u>32.48</u>	<u>\$100.00*</u>

AMD Phenom II X4 910e	3254	1307	20.73	\$156.99*
AMD Phenom II X4 920	3389	1271	42.37	\$79.99*
AMD Phenom II X4 925	3411	1263	77.56	\$43.99*
AMD Phenom II X4 940	3591	1218	60.52	\$59.34*
AMD Phenom II X4 945	3652	1207	56.24	\$64.95
AMD Phenom II X4 955	3917	1145	30.10	\$130.16*
AMD Phenom II X4 960T	3774	1171	8.05	\$469.00
AMD Phenom II X4 965	4178	1089	24.72	\$169.01
AMD Phenom II X4 970	4316	1066	29.14	\$148.11*
AMD Phenom II X4 973	3759	1178	NA	NA
AMD Phenom II X4 975	4453	1033	31.88	\$139.69*
AMD Phenom II X4 977	3750	1181	NA	NA
AMD Phenom II X4 980	4488	1027	19.52	\$229.99*
AMD Phenom II X4 8700e	2377	1613	NA	NA
AMD Phenom II X4 B05e	2792	1469	NA	NA
AMD Phenom II X4 B15e	2736	1488	NA	NA
AMD Phenom II X4 B25	3297	1297	NA	NA
AMD Phenom II X4 B35	3387	1272	NA	NA
AMD Phenom II X4 B40	3352	1280	NA	NA
AMD Phenom II X4 B45	3469	1253	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B50	3696	1195	NA	NA
AMD Phenom II X4 B55	3853	1152	NA	NA
AMD Phenom II X4 B60	4032	1114	NA	NA
AMD Phenom II X4 B65	4172	1090	NA	NA
AMD Phenom II X4 B70	4261	1073	NA	NA
AMD Phenom II X4 B93	3345	1282	NA	NA
AMD Phenom II X4 B95	3677	1199	50.40	\$72.95*
AMD Phenom II X4 B97	3868	1148	67.87	\$56.99*
AMD Phenom II X4 B99	4126	1099	NA	NA
AMD Phenom II X6 1035T	4665	984	24.68	\$189.00*

<u>AMD Phenom II X6 1045T</u>	4800	964	<u>44.45</u>	<u>\$108.01*</u>
<u>AMD Phenom II X6 1055T</u>	4966	932	<u>45.55</u>	<u>\$109.03*</u>
<u>AMD Phenom II X6 1065T</u>	5029	916	NA	NA
<u>AMD Phenom II X6 1075T</u>	5326	868	<u>47.15</u>	<u>\$112.99*</u>
<u>AMD Phenom II X6 1090T</u>	5562	829	<u>36.11</u>	<u>\$154.04</u>
<u>AMD Phenom II X6 1100T</u>	5708	807	<u>32.16</u>	<u>\$177.49*</u>
<u>AMD Phenom II X6 1405T</u>	5042	914	NA	NA
<u>AMD Phenom II X620 Dual-Core</u>	2189	1692	NA	NA
<u>AMD Phenom II X640 Dual-Core</u>	2021	1760	NA	NA
<u>AMD Phenom II X920 Quad-Core</u>	2650	1513	NA	NA
<u>AMD Phenom II X940 Quad-Core</u>	2695	1499	NA	NA
<u>AMD Phenom Ultra X4 24500</u>	3945	1136	NA	NA
<u>AMD Phenom X2 Dual-Core GE-4060</u>	1697	1921	NA	NA
<u>AMD Phenom X2 Dual-Core GE-5560</u>	2206	1685	NA	NA
<u>AMD Phenom X2 Dual-Core GE-7060</u>	1752	1889	NA	NA
<u>AMD Phenom X2 Dual-Core GP-5000</u>	1180	2189	NA	NA
<u>AMD Phenom X2 Dual-Core GP-7730</u>	1435	2048	NA	NA
<u>AMD Phenom X3 8550</u>	1931	1802	<u>11.36</u>	<u>\$169.95*</u>
<u>AMD Phenom X4 Quad-Core GP-9500</u>	1757	1882	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9530</u>	1994	1770	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9600</u>	2235	1674	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9730</u>	2897	1438	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9830</u>	2715	1496	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9930</u>	2690	1501	NA	NA
<u>AMD Phenom X4 Quad-Core GS-5560</u>	1211	2171	NA	NA
<u>AMD PRO A4-3350B APU</u>	2274	1652	NA	NA
<u>AMD PRO A4-8350B</u>	2776	1474	NA	NA
<u>AMD PRO A6-7350B</u>	2759	1481	NA	NA
<u>AMD PRO A6-8500B</u>	2516	1561	NA	NA
<u>AMD PRO A6-8530B</u>	2388	1609	NA	NA
<u>AMD PRO A6-8550B</u>	2970	1405	NA	NA
<u>AMD PRO A6-8570</u>	3049	1382	NA	NA

<u>AMD PRO A6-8570E</u>	2824	1457	NA	NA
<u>AMD PRO A6-9500</u>	2950	1411	<u>39.88</u>	<u>\$74.00*</u>
<u>AMD PRO A6-9500B</u>	2076	1735	NA	NA
<u>AMD PRO A6-9500E</u>	2717	1493	<u>36.73</u>	<u>\$74.00*</u>
<u>AMD PRO A8-8600B</u>	3512	1243	NA	NA
<u>AMD PRO A8-8650B</u>	5223	879	NA	NA
<u>AMD PRO A8-8670E</u>	5015	921	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD PRO A8-9600</u>	5277	872	<u>44.35</u>	<u>\$119.00*</u>
<u>AMD PRO A8-9600B</u>	3964	1129	NA	NA
<u>AMD PRO A10-8700B</u>	3552	1225	NA	NA
<u>AMD PRO A10-8730B</u>	3962	1131	NA	NA
<u>AMD PRO A10-8750B</u>	5473	841	NA	NA
<u>AMD PRO A10-8770</u>	5707	808	NA	NA
<u>AMD PRO A10-8770E</u>	5035	915	NA	NA
<u>AMD PRO A10-8850B</u>	5852	787	NA	NA
<u>AMD PRO A10-9700</u>	5599	821	<u>33.13</u>	<u>\$169.00*</u>
<u>AMD PRO A10-9700B</u>	4380	1048	NA	NA
<u>AMD PRO A10-9700E</u>	5066	907	<u>36.45</u>	<u>\$139.00*</u>
<u>AMD PRO A12-8800B</u>	4111	1101	NA	NA
<u>AMD PRO A12-8830B</u>	4259	1075	NA	NA
<u>AMD PRO A12-8870</u>	6067	770	NA	NA
<u>AMD PRO A12-8870E</u>	5186	888	NA	NA
<u>AMD PRO A12-9800</u>	6132	758	<u>36.29</u>	<u>\$169.00*</u>
<u>AMD PRO A12-9800B</u>	4095	1105	NA	NA
<u>AMD PRO A12-9800E</u>	4769	968	<u>28.22</u>	<u>\$169.00*</u>
<u>AMD QC-4000</u>	1663	1945	NA	NA
<u>AMD R-260H APU</u>	1576	1986	NA	NA
<u>AMD R-460L APU</u>	1954	1788	NA	NA
<u>AMD R-464L APU</u>	3117	1359	NA	NA
<u>AMD RX-427BB</u>	4364	1052	NA	NA

AMD Ryzen 3 1200	6797	690	113.31	\$59.99
AMD Ryzen 3 1300X	7552	619	59.07	\$127.85
AMD Ryzen 3 2200G	7329	641	93.48	\$78.41
AMD Ryzen 3 2200GE	6976	673	NA	NA
AMD Ryzen 3 2200U	4583	1006	NA	NA
AMD Ryzen 3 2300U	6104	762	NA	NA
AMD Ryzen 3 2300X	8367	532	NA	NA
AMD Ryzen 3 3200G	7983	574	89.71	\$88.99
AMD Ryzen 3 3200U	4724	975	NA	NA
AMD Ryzen 3 3300U	6143	756	NA	NA
AMD Ryzen 3 PRO 1200	7075	663	NA	NA
AMD Ryzen 3 PRO 1300	7994	568	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	898	NA	NA
AMD Ryzen 3 PRO 2200G	7904	581	NA	NA
AMD Ryzen 3 PRO 2200GE	7524	621	NA	NA
AMD Ryzen 3 PRO 2300U	7053	666	NA	NA
AMD Ryzen 3 PRO 3200G	8316	539	NA	NA
AMD Ryzen 3 PRO 3200GE	8244	544	NA	NA
AMD Ryzen 3 PRO 3300U	6888	685	NA	NA
AMD Ryzen 5 1400	8358	536	61.64	\$135.60
AMD Ryzen 5 1500X	10111	356	77.64	\$130.23
AMD Ryzen 5 1600	12282	257	111.76	\$109.90
AMD Ryzen 5 1600X	13199	225	89.80	\$146.99
AMD Ryzen 5 2400G	9321	435	78.33	\$119.00
AMD Ryzen 5 2400GE	9027	468	NA	NA
AMD Ryzen 5 2500U	7348	639	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 2500X	9704	401	NA	NA
AMD Ryzen 5 2600	13516	216	114.86	\$117.68
AMD Ryzen 5 2600H	8366	533	NA	NA
AMD Ryzen 5 2600X	14361	187	97.04	\$148.00

AMD Ryzen 5 3400G	9975	373	69.10	\$144.35
AMD Ryzen 5 3500	13064	230	NA	NA
AMD Ryzen 5 3500U	7928	579	NA	NA
AMD Ryzen 5 3550H	8363	534	NA	NA
AMD Ryzen 5 3580U	7429	631	NA	NA
AMD Ryzen 5 3600	19914	75	102.19	\$194.89
AMD Ryzen 5 3600X	20497	66	83.92	\$244.25
AMD Ryzen 5 PRO 1500	10133	353	NA	NA
AMD Ryzen 5 PRO 1600	12213	261	NA	NA
AMD Ryzen 5 PRO 2400G	9990	369	NA	NA
AMD Ryzen 5 PRO 2400GE	8408	529	NA	NA
AMD Ryzen 5 PRO 2500U	8213	546	NA	NA
AMD Ryzen 5 PRO 2600	14221	192	NA	NA
AMD Ryzen 5 PRO 3400G	10615	323	NA	NA
AMD Ryzen 5 PRO 3400GE	10300	338	NA	NA
AMD Ryzen 5 PRO 3500U	8484	522	NA	NA
AMD Ryzen 5 PRO 3600	21601	56	NA	NA
AMD Ryzen 7 1700	13929	199	77.39	\$179.99
AMD Ryzen 7 1700X	14812	176	86.62	\$171.00
AMD Ryzen 7 1800X	15536	157	59.76	\$259.99
AMD Ryzen 7 2700	15091	168	88.78	\$169.99
AMD Ryzen 7 2700E	13410	221	NA	NA
AMD Ryzen 7 2700U	7402	637	NA	NA
AMD Ryzen 7 2700X	16970	120	87.18	\$194.65
AMD Ryzen 7 2800H	8498	521	NA	NA
AMD Ryzen 7 3700U	8045	561	NA	NA
AMD Ryzen 7 3700X	23863	37	72.76	\$327.99
AMD Ryzen 7 3750H	8964	477	NA	NA
AMD Ryzen 7 3780U	9238	444	NA	NA
AMD Ryzen 7 3800X	24575	30	66.42	\$369.99
AMD Ryzen 7 PRO 1700	14112	193	NA	NA
AMD Ryzen 7 PRO 1700X	15324	163	NA	NA

AMD Ryzen 7 PRO 2700	15406	162	NA	NA
AMD Ryzen 7 PRO 2700U	8888	491	NA	NA
AMD Ryzen 7 PRO 2700X	17161	116	NA	NA
AMD Ryzen 7 PRO 3700	25748	22	NA	NA
AMD Ryzen 7 PRO 3700U	8648	510	NA	NA
AMD Ryzen 9 3900	30679	7	NA	NA
AMD Ryzen 9 3900X	31867	5	60.24	\$529.00
AMD Ryzen 9 PRO 3900	33303	4	NA	NA
AMD Ryzen Embedded R1505G	4555	1010	NA	NA
AMD Ryzen Embedded V1202B	4447	1036	NA	NA
AMD Ryzen Embedded V1605B	7087	662	NA	NA
AMD Ryzen Embedded V1756B	8559	517	NA	NA
AMD Ryzen Embedded V1807B	8528	519	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Threadripper 1900X	16089	143	76.62	\$209.99
AMD Ryzen Threadripper 1920X	20012	73	95.30	\$209.99
AMD Ryzen Threadripper 1950X	21935	50	44.77	\$489.99*
AMD Ryzen Threadripper 2920X	22100	48	59.73	\$369.99
AMD Ryzen Threadripper 2950X	25387	24	37.33	\$679.99
AMD Ryzen Threadripper 2970WX	21875	53	23.91	\$914.99
AMD Ryzen Threadripper 2990WX	23167	42	14.79	\$1,566.29
AMD Ryzen Threadripper 2990X	19227	92	NA	NA
AMD Sempron 130	700	2456	28.03	\$24.99*
AMD Sempron 140	739	2438	18.67	\$39.59*
AMD Sempron 145	807	2409	8.51	\$94.92
AMD Sempron 150	747	2432	16.64	\$44.95*
AMD Sempron 200U	267	2841	3.08	\$87.00*
AMD Sempron 210U	391	2687	NA	NA
AMD Sempron 240	2110	1721	36.39	\$58.00
AMD Sempron 2100+	392	2685	NA	NA
AMD Sempron 2200+	282	2821	9.42	\$29.99*

AMD Sempron 2300+	318	2762	7.07	\$45.00*
AMD Sempron 2400+	314	2769	12.10	\$26.00*
AMD Sempron 2500+	335	2744	6.11	\$54.95*
AMD Sempron 2600+	374	2702	10.71	\$34.95
AMD Sempron 2650 APU	951	2330	14.65	\$64.95
AMD Sempron 2800+	383	2692	6.40	\$59.95
AMD Sempron 3000+	408	2658	20.41	\$20.00
AMD Sempron 3100+	452	2612	7.53	\$60.00*
AMD Sempron 3200+	406	2660	3.10	\$131.22*
AMD Sempron 3300+	484	2581	8.07	\$60.00
AMD Sempron 3400+	454	2610	15.21	\$29.89
AMD Sempron 3500+	379	2695	18.98	\$20.00*
AMD Sempron 3600+	483	2583	40.30	\$12.00*
AMD Sempron 3800+	554	2528	3.62	\$152.92*
AMD Sempron 3850 APU	1715	1905	20.25	\$84.75
AMD Sempron Dual Core 2100	936	2342	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2299	NA	NA
AMD Sempron Dual Core 2300	982	2307	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2333	NA	NA
AMD Sempron Dual Core 4900	1081	2250	NA	NA
AMD Sempron LE-250	490	2570	NA	NA
AMD Sempron LE-1100	438	2629	NA	NA
AMD Sempron LE-1150	444	2622	NA	NA
AMD Sempron LE-1200	527	2542	NA	NA
AMD Sempron LE-1250	543	2533	5.44	\$99.95*
AMD Sempron LE-1300	595	2505	28.37	\$21.00
AMD Sempron LE-1600	535	2538	NA	NA
AMD Sempron LE-1620	635	2486	NA	NA
AMD Sempron LE-1640	759	2428	NA	NA
AMD Sempron M100	566	2524	47.17	\$12.00*
AMD Sempron M120	582	2513	NA	NA
AMD Sempron SI-40	447	2619	37.27	\$12.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron SI-42	456	2609	15.22	\$30.01*
AMD Sempron X2 180	1391	2066	20.05	\$69.40*
AMD Sempron X2 190	1534	2004	18.39	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	2059	NA	NA
AMD Turion 64 Mobile MK-36	465	2596	NA	NA
AMD Turion 64 Mobile MK-38	513	2554	NA	NA
AMD Turion 64 Mobile ML-28	390	2689	NA	NA
AMD Turion 64 Mobile ML-30	402	2669	NA	NA
AMD Turion 64 Mobile ML-32	402	2667	NA	NA
AMD Turion 64 Mobile ML-34	425	2644	NA	NA
AMD Turion 64 Mobile ML-37	446	2620	2.27	\$196.50*
AMD Turion 64 Mobile ML-40	522	2548	NA	NA
AMD Turion 64 Mobile ML-42	615	2495	NA	NA
AMD Turion 64 Mobile ML-44	591	2506	NA	NA
AMD Turion 64 Mobile MT-28	419	2647	NA	NA
AMD Turion 64 Mobile MT-30	378	2696	NA	NA
AMD Turion 64 Mobile MT-32	426	2643	NA	NA
AMD Turion 64 Mobile MT-34	429	2639	NA	NA
AMD Turion 64 Mobile MT-37	484	2580	NA	NA
AMD Turion 64 Mobile MT-40	536	2537	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2434	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2423	NA	NA
AMD Turion 64 X2 Mobile TL-56	891	2369	63.89	\$13.95*
AMD Turion 64 X2 Mobile TL-58	947	2337	NA	NA
AMD Turion 64 X2 Mobile TL-60	997	2298	62.53	\$15.95*
AMD Turion 64 X2 Mobile TL-62	1092	2241	3.51	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1090	2242	27.69	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2215	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2202	12.92	\$90.00*
AMD Turion Dual-Core RM-70	912	2359	36.49	\$25.00*

AMD Turion Dual-Core RM-72	860	2378	21.52	\$39.99*
AMD Turion Dual-Core RM-74	1016	2283	NA	NA
AMD Turion Dual-Core RM-75	1003	2291	36.53	\$27.46*
AMD Turion II Dual-Core Mobile M500	1293	2121	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2114	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	2098	NA	NA
AMD Turion II N530 Dual-Core	1567	1990	52.24	\$30.00*
AMD Turion II N550 Dual-Core	1521	2007	NA	NA
AMD Turion II Neo K625 Dual-Core	977	2309	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2187	NA	NA
AMD Turion II Neo N40L Dual-Core	930	2346	NA	NA
AMD Turion II Neo N54L Dual-Core	1364	2081	NA	NA
AMD Turion II P520 Dual-Core	1360	2085	NA	NA
AMD Turion II P540 Dual-Core	1432	2051	28.67	\$49.95*
AMD Turion II P560 Dual-Core	1515	2014	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	2061	52.55	\$26.76*
AMD Turion II Ultra Dual-Core Mobile M620	1435	2049	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1670	1936	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	2005	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion Neo X2 Dual Core L625	813	2405	NA	NA
AMD Turion X2 Dual Core L510	923	2352	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2381	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2259	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	994	2303	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2246	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2258	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1120	2220	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2210	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1023	2276	16.51	\$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-	1084	2248	NA	NA

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<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-84</u>	1209	2173	63.72	\$18.99*
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-85</u>	1234	2161	27.43	\$45.00*
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-86</u>	1295	2120	23.56	\$55.00*
<u>AMD Turion X2 Ultra Dual-Core Mobile ZM-87</u>	1205	2176	30.18	\$39.95*
<u>AMD TurionX2 Dual Core Mobile RM-70</u>	997	2297	NA	NA
<u>AMD TurionX2 Dual Core Mobile RM-72</u>	1026	2273	NA	NA
<u>AMD TurionX2 Ultra DualCore Mobile ZM-85</u>	1454	2041	NA	NA
<u>AMD V105</u>	299	2789	NA	NA
<u>AMD V120</u>	623	2493	NA	NA
<u>AMD V140</u>	643	2483	12.89	\$49.95*
<u>AMD V160</u>	677	2468	NA	NA
<u>AMD Z-01</u>	523	2547	NA	NA
<u>AMD Z-60 APU</u>	500	2564	NA	NA
<u>AMD-K6 3D</u>	90	2965	NA	NA
<u>AMD-K6-III</u>	108	2962	NA	NA
<u>AMD-K7</u>	403	2666	NA	NA
<u>Athlon 64 Dual Core 3800+</u>	1234	2162	NA	NA
<u>Athlon 64 Dual Core 4200+</u>	1156	2206	5.64	\$204.95*
<u>Athlon 64 Dual Core 4800+</u>	1370	2079	NA	NA
<u>Athlon 64 Dual Core 5000+</u>	1507	2019	NA	NA
<u>Athlon 64 Dual Core 5400+</u>	1614	1969	NA	NA
<u>Athlon 64 Dual Core 5600+</u>	1548	1996	NA	NA
<u>Athlon Dual Core 4050e</u>	968	2316	NA	NA
<u>Athlon Dual Core 4450e</u>	1204	2177	NA	NA
<u>Athlon Dual Core 4850e</u>	1346	2093	NA	NA
<u>Celeron Dual-Core Q8300 @ 2.50GHz</u>	2837	1451	NA	NA
<u>Celeron Dual-Core T3000 @ 1.80GHz</u>	1086	2245	NA	NA
<u>Celeron Dual-Core T3100 @ 1.90GHz</u>	1172	2195	27.91	\$42.00
<u>Celeron Dual-Core T3300 @ 2.00GHz</u>	1201	2181	NA	NA

Celeron Dual-Core T3500 @ 2.10GHz	1274	2139	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2175	NA	NA
HP Hexa-Core 2.0GHz	2178	1693	4.32	\$504.27*
Intel 2.80GHz	525	2545	NA	NA
Intel 1300 @ 1.66GHz	857	2382	NA	NA
Intel 1400 @ 1.83GHz	980	2308	NA	NA
Intel 1500 @ 2.00GHz	1024	2274	NA	NA
Intel Atom 230 @ 1.60GHz	307	2776	NA	NA
Intel Atom 330 @ 1.60GHz	587	2510	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C2338 @ 1.74GHz	898	2367	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2323	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1731	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1661	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1698	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3768	1173	16.24	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1283	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1340	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1585	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1553	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	954	14.62	\$332.00*
Intel Atom C3958 @ 2.00GHz	6586	715	14.67	\$449.00*
Intel Atom D410 @ 1.66GHz	301	2785	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2737	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	658	2476	6.78	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2451	NA	NA
Intel Atom D2500 @ 1.86GHz	403	2664	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2466	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2448	NA	NA
Intel Atom D2700 @ 2.13GHz	839	2390	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2445	NA	NA

Intel Atom E660 @ 1.30GHz	271	2837	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2734	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2751	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2515	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2571	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2386	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2203	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	2021	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1833	NA	NA
Intel Atom E3950 @ 1.60GHz	1876	1829	NA	NA
Intel Atom K510 @ 1.66GHz	658	2475	NA	NA
Intel Atom N270 @ 1.60GHz	270	2840	NA	NA
Intel Atom N280 @ 1.66GHz	282	2819	NA	NA
Intel Atom N435 @ 1.33GHz	261	2848	NA	NA
Intel Atom N450 @ 1.66GHz	296	2795	NA	NA
Intel Atom N455 @ 1.66GHz	283	2817	NA	NA
Intel Atom N470 @ 1.83GHz	332	2750	NA	NA
Intel Atom N475 @ 1.83GHz	314	2767	NA	NA
Intel Atom N550 @ 1.50GHz	524	2546	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	574	2520	6.68	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2781	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2543	NA	NA
Intel Atom N2800 @ 1.86GHz	625	2491	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2355	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1751	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2406	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1600	1977	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1192	2183	8.97	\$132.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom x5-Z8330 @ 1.44GHz	1015	2284	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1273	2140	60.66	\$21.00*

Intel Atom x5-Z8500 @ 1.44GHz	1696	1922	27.11	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1835	1852	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1890	1823	25.68	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1894	1819	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2916	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2892	NA	NA
Intel Atom Z520 @ 1.33GHz	217	2893	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2825	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2731	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2693	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2872	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2523	NA	NA
Intel Atom Z3735D @ 1.33GHz	937	2341	NA	NA
Intel Atom Z3735E @ 1.33GHz	948	2335	8.10	\$117.00*
Intel Atom Z3735F @ 1.33GHz	914	2356	5.04	\$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2363	NA	NA
Intel Atom Z3736F @ 1.33GHz	912	2358	NA	NA
Intel Atom Z3740 @ 1.33GHz	1068	2255	NA	NA
Intel Atom Z3740D @ 1.33GHz	1011	2285	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2253	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1018	2282	NA	NA
Intel Atom Z3770 @ 1.46GHz	1252	2152	8.38	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2410	NA	NA
Intel Atom Z3775 @ 1.46GHz	1275	2138	36.44	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2135	NA	NA
Intel Atom Z3795 @ 1.60GHz	1804	1867	NA	NA
Intel Celeron 1.70GHz	130	2955	NA	NA
Intel Celeron 1.80GHz	136	2952	NA	NA
Intel Celeron 2.00GHz	182	2928	NA	NA
Intel Celeron 2.10GHz	244	2870	NA	NA
Intel Celeron 2.13GHz	208	2903	NA	NA
Intel Celeron 2.20GHz	213	2898	NA	NA

Intel Celeron 2.26GHz	223	2887	NA	NA
Intel Celeron 2.30GHz	227	2884	NA	NA
Intel Celeron 2.40GHz	217	2894	NA	NA
Intel Celeron 2.50GHz	247	2864	NA	NA
Intel Celeron 2.53GHz	245	2868	NA	NA
Intel Celeron 2.60GHz	238	2874	NA	NA
Intel Celeron 2.66GHz	249	2862	NA	NA
Intel Celeron 2.70GHz	245	2869	NA	NA
Intel Celeron 2.80GHz	254	2854	NA	NA
Intel Celeron 2.93GHz	283	2816	NA	NA
Intel Celeron 3.06GHz	284	2814	NA	NA
Intel Celeron 3.20GHz	288	2806	NA	NA
Intel Celeron 3.33GHz	333	2748	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2757	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2759	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 420 @ 1.60GHz	450	2614	11.27	\$39.99*
Intel Celeron 430 @ 1.80GHz	487	2574	10.33	\$47.18
Intel Celeron 440 @ 2.00GHz	544	2531	24.38	\$22.33
Intel Celeron 450 @ 2.20GHz	625	2492	20.86	\$29.99*
Intel Celeron 530 @ 1.73GHz	474	2590	20.62	\$22.99*
Intel Celeron 540 @ 1.86GHz	521	2549	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2551	7.96	\$64.95
Intel Celeron 560 @ 2.13GHz	531	2540	6.65	\$79.95
Intel Celeron 570 @ 2.26GHz	517	2550	NA	NA
Intel Celeron 600MHz	147	2948	NA	NA
Intel Celeron 723 @ 1.20GHz	390	2688	NA	NA
Intel Celeron 743 @ 1.30GHz	421	2646	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2431	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2709	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2496	NA	NA

Intel Celeron 847 @ 1.10GHz	935	2344	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1021	2278	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2213	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2194	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1290	2124	NA	NA
Intel Celeron 887 @ 1.50GHz	1280	2134	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2469	23.34	\$28.99
Intel Celeron 925 @ 2.30GHz	691	2461	NA	NA
Intel Celeron 1000M @ 1.80GHz	1675	1931	NA	NA
Intel Celeron 1000MHz	213	2897	NA	NA
Intel Celeron 1005M @ 1.90GHz	1808	1863	NA	NA
Intel Celeron 1007U @ 1.50GHz	1390	2068	7.52	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1511	2018	NA	NA
Intel Celeron 1019Y @ 1.00GHz	946	2338	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1675	NA	NA
Intel Celeron 1037U @ 1.80GHz	1737	1896	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2185	NA	NA
Intel Celeron 1066MHz	259	2850	NA	NA
Intel Celeron 1100MHz	174	2934	NA	NA
Intel Celeron 1133MHz	282	2818	NA	NA
Intel Celeron 1200MHz	244	2871	NA	NA
Intel Celeron 1300MHz	288	2808	NA	NA
Intel Celeron 1333MHz	290	2802	NA	NA
Intel Celeron 1400MHz	302	2782	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1620	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1972	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1984	1773	NA	NA
Intel Celeron 2955U @ 1.40GHz	1413	2060	NA	NA
Intel Celeron 2957U @ 1.40GHz	1432	2050	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2228	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1635	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1983	NA	NA

Intel Celeron 2981U @ 1.60GHz	1364	2082	NA	NA
Intel Celeron 3205U @ 1.50GHz	1501	2023	5.23	\$287.04*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3215U @ 1.70GHz	1647	1952	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1917	NA	NA
Intel Celeron 3765U @ 1.90GHz	1948	1792	NA	NA
Intel Celeron 3855U @ 1.60GHz	1687	1925	NA	NA
Intel Celeron 3865U @ 1.80GHz	1913	1811	NA	NA
Intel Celeron 3867U @ 1.80GHz	1843	1847	17.23	\$107.00*
Intel Celeron 3955U @ 2.00GHz	1934	1798	NA	NA
Intel Celeron 3965U @ 2.20GHz	2363	1621	22.09	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1607	1971	15.03	\$107.00*
Intel Celeron 4205U @ 1.80GHz	1971	1779	18.43	\$107.00*
Intel Celeron @ 1.30GHz	965	2318	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2922	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2403	NA	NA
Intel Celeron B800 @ 1.50GHz	1278	2137	NA	NA
Intel Celeron B810 @ 1.60GHz	1395	2065	NA	NA
Intel Celeron B815 @ 1.60GHz	1363	2083	NA	NA
Intel Celeron B820 @ 1.70GHz	1430	2052	36.41	\$39.29*
Intel Celeron B830 @ 1.80GHz	1512	2017	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1902	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2839	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2783	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2764	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2743	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2663	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2584	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2511	NA	NA
Intel Celeron E1200 @ 1.60GHz	860	2379	7.83	\$109.95*
Intel Celeron E1400 @ 2.00GHz	1053	2262	15.05	\$69.99

Intel Celeron E1500 @ 2.20GHz	1169	2198	59.51	\$19.65*
Intel Celeron E1600 @ 2.40GHz	1255	2148	NA	NA
Intel Celeron E3200 @ 2.40GHz	1382	2072	26.59	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1389	2069	55.62	\$24.98
Intel Celeron E3400 @ 2.60GHz	1441	2047	2.36	\$610.00*
Intel Celeron E3500 @ 2.70GHz	1454	2040	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	694	2458	13.90	\$49.99*
Intel Celeron G460 @ 1.80GHz	1035	2270	15.93	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2256	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2118	NA	NA
Intel Celeron G530 @ 2.40GHz	2128	1712	53.22	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1903	NA	NA
Intel Celeron G540 @ 2.50GHz	2197	1689	48.83	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1717	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1643	28.63	\$80.00
Intel Celeron G550T @ 2.20GHz	2032	1755	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1595	22.23	\$109.00
Intel Celeron G1101 @ 2.27GHz	1667	1940	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2488	1574	52.95	\$47.00
Intel Celeron G1610T @ 2.30GHz	2256	1662	56.35	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2576	1536	39.64	\$64.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1620T @ 2.40GHz	2353	1625	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1572	35.63	\$69.99
Intel Celeron G1820 @ 2.70GHz	2754	1483	45.92	\$59.99
Intel Celeron G1820T @ 2.40GHz	2495	1571	59.42	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1710	NA	NA
Intel Celeron G1830 @ 2.80GHz	2559	1544	26.95	\$94.95*
Intel Celeron G1840 @ 2.80GHz	2860	1448	44.21	\$64.71
Intel Celeron G1840T @ 2.50GHz	2554	1547	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1427	36.38	\$79.99*

Intel Celeron G3900 @ 2.80GHz	3133	1352	66.71	\$46.98
Intel Celeron G3900E @ 2.40GHz	2679	1504	NA	NA
Intel Celeron G3900T @ 2.60GHz	2925	1423	26.01	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1530	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1356	27.40	\$113.99*
Intel Celeron G3930 @ 2.90GHz	3037	1383	33.90	\$89.59
Intel Celeron G3930T @ 2.70GHz	2766	1476	46.11	\$59.99
Intel Celeron G3930TE @ 2.70GHz	2970	1406	70.72	\$42.00*
Intel Celeron G3950 @ 3.00GHz	3049	1381	27.97	\$109.04
Intel Celeron G4900 @ 3.10GHz	3288	1298	73.61	\$44.68
Intel Celeron G4900T @ 2.90GHz	3096	1364	NA	NA
Intel Celeron G4920 @ 3.20GHz	3220	1320	42.10	\$76.50*
Intel Celeron G4930 @ 3.20GHz	3503	1245	71.87	\$48.75
Intel Celeron J1750 @ 2.41GHz	1037	2269	NA	NA
Intel Celeron J1800 @ 2.41GHz	1019	2280	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1967	NA	NA
Intel Celeron J1900 @ 1.99GHz	1852	1841	NA	NA
Intel Celeron J3060 @ 1.60GHz	975	2311	NA	NA
Intel Celeron J3160 @ 1.60GHz	1797	1869	NA	NA
Intel Celeron J3355 @ 2.00GHz	1155	2207	NA	NA
Intel Celeron J3455 @ 1.50GHz	2114	1718	5.87	\$359.99
Intel Celeron J4005 @ 2.00GHz	1543	1998	10.41	\$148.31
Intel Celeron J4105 @ 1.50GHz	2642	1515	24.70	\$107.00*
Intel Celeron M 1.00GHz	207	2904	16.60	\$12.49
Intel Celeron M 1.30GHz	316	2763	NA	NA
Intel Celeron M 1.50GHz	343	2739	NA	NA
Intel Celeron M 1.60GHz	364	2718	NA	NA
Intel Celeron M 1.70GHz	393	2683	NA	NA
Intel Celeron M 360 1.40GHz	328	2753	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2765	NA	NA
Intel Celeron M 420 @ 1.60GHz	334	2747	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2711	NA	NA

Intel Celeron M 440 @ 1.86GHz	392	2684	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2856	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2615	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2638	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2600	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2534	NA	NA
Intel Celeron M 600MHz	151	2946	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2608	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 900MHz	204	2906	NA	NA
Intel Celeron M 1200MHz	275	2834	NA	NA
Intel Celeron M 1300MHz	303	2779	NA	NA
Intel Celeron M 1500MHz	333	2749	NA	NA
Intel Celeron M ULV 800MHz	184	2926	NA	NA
Intel Celeron N2805 @ 1.46GHz	460	2605	NA	NA
Intel Celeron N2806 @ 1.60GHz	802	2411	NA	NA
Intel Celeron N2807 @ 1.58GHz	861	2377	NA	NA
Intel Celeron N2808 @ 1.58GHz	907	2362	NA	NA
Intel Celeron N2810 @ 2.00GHz	787	2416	5.62	\$139.99*
Intel Celeron N2815 @ 1.86GHz	859	2380	NA	NA
Intel Celeron N2820 @ 2.13GHz	936	2343	5.20	\$179.99
Intel Celeron N2830 @ 2.16GHz	966	2317	NA	NA
Intel Celeron N2840 @ 2.16GHz	1002	2292	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2178	NA	NA
Intel Celeron N2920 @ 1.86GHz	1514	2016	NA	NA
Intel Celeron N2930 @ 1.83GHz	1658	1948	NA	NA
Intel Celeron N2940 @ 1.83GHz	1722	1899	NA	NA
Intel Celeron N3000 @ 1.04GHz	899	2365	NA	NA
Intel Celeron N3010 @ 1.04GHz	973	2312	NA	NA
Intel Celeron N3050 @ 1.60GHz	879	2370	5.50	\$159.99
Intel Celeron N3060 @ 1.60GHz	984	2306	NA	NA

Intel Celeron N3150 @ 1.60GHz	1666	1941	NA	NA
Intel Celeron N3160 @ 1.60GHz	1664	1944	5.75	\$289.18
Intel Celeron N3350 @ 1.10GHz	1111	2227	NA	NA
Intel Celeron N3450 @ 1.10GHz	1850	1842	13.61	\$135.99
Intel Celeron N4000 @ 1.10GHz	1425	2053	13.32	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2268	1659	21.20	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1116	2222	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2301	NA	NA
Intel Celeron P4600 @ 2.00GHz	1328	2102	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2420	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2332	47.54	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2260	35.29	\$29.99*
Intel Celeron U1900 @ 1.99GHz	1704	1916	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2443	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2463	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2408	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2263	6.57	\$159.95*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2205	23.16	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1270	2143	17.83	\$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1384	2071	8.77	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	2032	54.88	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1108	2231	85.33	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2188	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1288	2126	43.04	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1360	2086	27.21	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	2043	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1497	2024	100.18	\$14.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6600 @ 2.40GHz	1554	1995	103.71	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1924	56.46	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1712	1907	166.27	\$10.30*

Intel Core2 Duo E6850 @ 3.00GHz	1945	1793	38.92	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1625	1965	33.17	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1726	1898	43.30	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1769	1877	61.04	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1874	1832	125.03	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1963	1784	16.37	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1490	2027	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1761	1880	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1882	1828	37.66	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1787	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1623	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1990	1771	99.58	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1843	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1713	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2148	1705	47.23	\$45.50*
Intel Core2 Duo E8435 @ 3.06GHz	2097	1725	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2281	1648	57.06	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2398	1605	56.50	\$42.45*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1684	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2425	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2464	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2399	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2388	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	959	2325	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2313	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2221	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1080	2251	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1346	2092	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	2125	64.51	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1307	2113	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	2057	35.42	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2339	NA	NA

Intel Core2 Duo P7550 @ 2.26GHz	1518	2011	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1455	2039	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2277	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1453	2042	4.89	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	2003	31.25	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1966	42.77	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1739	1893	30.53	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1992	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1753	1887	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1754	1886	17.72	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1866	1834	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2015	1763	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2509	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1251	2154	4.95	\$253.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1930	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	925	2349	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	833	2394	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	839	2392	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2404	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	933	2345	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2357	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2361	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2353	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1039	2268	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2272	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2302	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1092	2240	109.39	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1114	2223	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1203	2179	75.69	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1148	2211	NA	NA

Intel Core2 Duo T5900 @ 2.20GHz	1211	2172	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2165	81.80	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1285	2130	85.78	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1259	2147	32.72	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1359	2087	71.92	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1358	2088	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1020	2279	46.39	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	2200	11.68	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1114	2224	5.53	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1193	2182	38.52	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1250	2156	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1271	2141	29.57	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1378	2077	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1423	2055	10.17	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1597	1979	2.63	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1298	2119	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1470	2035	13.50	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1673	1932	28.86	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1738	1894	38.67	\$44.95*
Intel Core2 Duo T9500 @ 2.60GHz	1793	1871	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1806	1865	6.04	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1803	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2016	1762	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2137	1706	5.36	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	873	2373	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2507	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	669	2471	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2457	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	855	2384	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1129	2219	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1926	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1206	3.25	\$1,125.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme Q6850 @ 3.00GHz	3632	1208	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1257	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1875	1831	7.11	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1868	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2100	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1678	1929	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1820	4.62	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2075	1736	2.44	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4156	1093	4.83	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	1024	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	996	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	990	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2947	1413	73.72	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3281	1300	72.93	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2808	1464	122.16	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2980	1401	59.62	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3161	1341	13.18	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2525	1556	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1312	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3154	1346	15.81	\$199.50*
Intel Core2 Quad Q9400 @ 2.66GHz	3338	1288	69.51	\$48.03*
Intel Core2 Quad Q9450 @ 2.66GHz	3757	1179	105.24	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3521	1238	100.63	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3524	1235	18.55	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3962	1130	89.07	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4156	1092	25.99	\$159.95
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1134	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2722	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2772	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2650	NA	NA

Intel Core2 Solo U3500 @ 1.40GHz	464	2597	NA	NA
Intel Core 330 @ 1.60GHz	643	2482	NA	NA
Intel Core 860 @ 2.80GHz	4555	1009	26.96	\$169.00*
Intel Core Duo L2300 @ 1.50GHz	719	2446	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2454	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2433	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2460	NA	NA
Intel Core Duo T2250 @ 1.73GHz	754	2429	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2441	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2424	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2415	49.63	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2398	NA	NA
Intel Core Duo T2500 @ 2.00GHz	862	2376	7.19	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2340	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2275	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2532	NA	NA
Intel Core Duo U2500 @ 1.20GHz	507	2560	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1797	NA	NA
Intel Core i3-330M @ 2.13GHz	1784	1873	11.16	\$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2254	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-350M @ 2.27GHz	1891	1822	112.95	\$16.75
Intel Core i3-370M @ 2.40GHz	2014	1764	50.42	\$39.96*
Intel Core i3-380M @ 2.53GHz	2093	1727	34.92	\$59.95
Intel Core i3-380UM @ 1.33GHz	1159	2204	NA	NA
Intel Core i3-390M @ 2.67GHz	2172	1694	55.78	\$38.95*
Intel Core i3-530 @ 2.93GHz	2564	1542	23.75	\$108.00
Intel Core i3-540 @ 3.07GHz	2684	1502	20.65	\$130.02
Intel Core i3-550 @ 3.20GHz	2829	1455	16.10	\$175.74
Intel Core i3-560 @ 3.33GHz	2935	1417	16.31	\$179.95*
Intel Core i3-1005G1 @ 1.20GHz	5731	806	20.40	\$281.00*

Intel Core i3-2100 @ 3.10GHz	3692	1198	67.14	\$54.99
Intel Core i3-2100T @ 2.50GHz	2980	1400	49.68	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1186	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3712	1193	32.29	\$114.99*
Intel Core i3-2120 @ 3.30GHz	3931	1142	56.17	\$70.00
Intel Core i3-2120T @ 2.60GHz	3155	1344	126.28	\$24.99
Intel Core i3-2125 @ 3.30GHz	4015	1117	19.40	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4073	1109	64.68	\$62.98
Intel Core i3-2140 @ 3.50GHz	4325	1061	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1450	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2432	1592	62.68	\$38.81
Intel Core i3-2312M @ 2.10GHz	2374	1615	NA	NA
Intel Core i3-2328M @ 2.20GHz	2543	1551	27.36	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1372	NA	NA
Intel Core i3-2330M @ 2.20GHz	2526	1555	50.58	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1612	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1901	NA	NA
Intel Core i3-2348M @ 2.30GHz	2621	1521	NA	NA
Intel Core i3-2350M @ 2.30GHz	2631	1518	82.53	\$31.88
Intel Core i3-2357M @ 1.30GHz	1556	1994	NA	NA
Intel Core i3-2365M @ 1.40GHz	1682	1928	NA	NA
Intel Core i3-2367M @ 1.40GHz	1708	1913	NA	NA
Intel Core i3-2370M @ 2.40GHz	2778	1473	69.79	\$39.81*
Intel Core i3-2375M @ 1.50GHz	1773	1876	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1857	NA	NA
Intel Core i3-3110M @ 2.40GHz	3081	1368	38.55	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3225	1318	29.32	\$110.00*
Intel Core i3-3130M @ 2.60GHz	3384	1274	NA	NA
Intel Core i3-3210 @ 3.20GHz	4044	1112	20.32	\$199.00*
Intel Core i3-3217U @ 1.80GHz	2303	1639	10.02	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1699	NA	NA
Intel Core i3-3220 @ 3.30GHz	4246	1077	77.22	\$54.99

Intel Core i3-3220T @ 2.80GHz	3697	1194	29.58	\$125.00
Intel Core i3-3225 @ 3.30GHz	4346	1054	13.37	\$324.99
Intel Core i3-3227U @ 1.90GHz	2468	1580	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1919	NA	NA
Intel Core i3-3240 @ 3.40GHz	4318	1064	86.37	\$50.00
Intel Core i3-3240T @ 2.90GHz	3666	1204	NA	NA
Intel Core i3-3245 @ 3.40GHz	4463	1030	25.95	\$172.01*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3250 @ 3.50GHz	4460	1031	63.73	\$70.00
Intel Core i3-3250T @ 3.00GHz	3614	1211	NA	NA
Intel Core i3-4000M @ 2.40GHz	3257	1306	16.29	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2446	1589	NA	NA
Intel Core i3-4010U @ 1.70GHz	2442	1590	16.28	\$149.99
Intel Core i3-4010Y @ 1.30GHz	1900	1817	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2157	1703	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2213	1683	NA	NA
Intel Core i3-4025U @ 1.90GHz	2789	1470	NA	NA
Intel Core i3-4030U @ 1.90GHz	2717	1494	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1566	NA	NA
Intel Core i3-4100M @ 2.50GHz	3432	1262	15.71	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3854	1151	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1434	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1380	NA	NA
Intel Core i3-4130 @ 3.40GHz	4804	961	53.38	\$89.99
Intel Core i3-4130T @ 2.90GHz	4150	1094	46.64	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4900	943	49.50	\$99.00
Intel Core i3-4150T @ 3.00GHz	4227	1079	18.39	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1425	NA	NA
Intel Core i3-4160 @ 3.60GHz	5048	912	56.10	\$89.99
Intel Core i3-4160T @ 3.10GHz	4451	1034	29.68	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5191	886	19.46	\$266.79

Intel Core i3-4170T @ 3.20GHz	4545	1016	21.65	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5086	901	46.67	\$109.00
Intel Core i3-4330T @ 3.00GHz	4485	1028	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1324	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	877	30.84	\$169.99*
Intel Core i3-4350 @ 3.60GHz	4990	925	29.36	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	1068	NA	NA
Intel Core i3-4360 @ 3.70GHz	5463	846	21.09	\$259.00*
Intel Core i3-4360T @ 3.20GHz	4636	991	NA	NA
Intel Core i3-4370 @ 3.80GHz	5616	816	18.18	\$309.00*
Intel Core i3-4370T @ 3.30GHz	4870	947	35.29	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	936	NA	NA
Intel Core i3-5005U @ 2.00GHz	2903	1432	NA	NA
Intel Core i3-5010U @ 2.10GHz	3058	1377	9.05	\$337.76*
Intel Core i3-5015U @ 2.10GHz	2986	1398	NA	NA
Intel Core i3-5020U @ 2.20GHz	3198	1327	6.97	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	1203	NA	NA
Intel Core i3-6006U @ 2.00GHz	3079	1371	NA	NA
Intel Core i3-6098P @ 3.60GHz	5387	855	40.28	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5483	837	42.51	\$128.99
Intel Core i3-6100E @ 2.70GHz	3769	1172	NA	NA
Intel Core i3-6100H @ 2.70GHz	4219	1083	NA	NA
Intel Core i3-6100T @ 3.20GHz	4852	955	35.95	\$134.99*
Intel Core i3-6100TE @ 2.70GHz	4304	1067	NA	NA
Intel Core i3-6100U @ 2.30GHz	3606	1215	7.00	\$515.00*
Intel Core i3-6102E @ 1.90GHz	3196	1328	14.20	\$225.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-6157U @ 2.40GHz	3835	1158	NA	NA
Intel Core i3-6300 @ 3.80GHz	5844	790	36.76	\$158.99
Intel Core i3-6300T @ 3.30GHz	5247	876	33.86	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6046	772	13.65	\$443.00*

Intel Core i3-7020U @ 2.30GHz	3519	1240	12.53	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5780	795	46.30	\$124.85
Intel Core i3-7100H @ 3.00GHz	4627	995	20.57	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5049	911	34.65	\$145.71
Intel Core i3-7100U @ 2.40GHz	3764	1176	9.18	\$409.99
Intel Core i3-7101TE @ 3.40GHz	5189	887	44.36	\$117.00*
Intel Core i3-7102E @ 2.10GHz	3266	1303	14.52	\$225.00*
Intel Core i3-7130U @ 2.70GHz	4062	1110	8.83	\$459.99*
Intel Core i3-7167U @ 2.80GHz	4757	969	NA	NA
Intel Core i3-7300 @ 4.00GHz	6328	739	36.83	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	859	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6417	731	35.12	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6597	714	32.14	\$205.28
Intel Core i3-8100 @ 3.60GHz	8010	567	54.34	\$147.42
Intel Core i3-8100B @ 3.60GHz	8544	518	64.24	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7314	642	56.70	\$129.00*
Intel Core i3-8109U @ 3.00GHz	6130	759	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	962	NA	NA
Intel Core i3-8130U @ 2.20GHz	5021	920	17.87	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5539	832	19.71	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8693	504	54.34	\$159.99
Intel Core i3-8300T @ 3.20GHz	8032	565	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9245	442	49.98	\$184.99*
Intel Core i3-9100 @ 3.60GHz	9042	467	63.45	\$142.50
Intel Core i3-9100F @ 3.60GHz	8907	485	93.77	\$94.99
Intel Core i3-9100T @ 3.10GHz	7673	609	62.90	\$122.00*
Intel Core i3-9300 @ 3.70GHz	10018	362	65.91	\$152.00*
Intel Core i3-9300T @ 3.20GHz	8777	496	61.38	\$143.00*
Intel Core i3-9320 @ 3.70GHz	10144	351	62.62	\$162.00*
Intel Core i3-9350KF @ 4.00GHz	10512	328	60.10	\$174.90
Intel Core i3-10110U @ 2.10GHz	5930	780	NA	NA
Intel Core i3-21050 @ 3.10GHz	3862	1150	NA	NA

Intel Core i5 750S @ 2.40GHz	2197	1690	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1576	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3548	1227	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3676	1200	NA	NA
Intel Core i5-430M @ 2.27GHz	2094	1726	14.97	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	2096	NA	NA
Intel Core i5-450M @ 2.40GHz	2133	1709	66.76	\$31.95*
Intel Core i5-460M @ 2.53GHz	2320	1628	30.96	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1079	2252	NA	NA
Intel Core i5-480M @ 2.67GHz	2400	1604	29.78	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1670	NA	NA
Intel Core i5-520M @ 2.40GHz	2367	1617	79.40	\$29.81
Intel Core i5-520UM @ 1.07GHz	1348	2091	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-540M @ 2.53GHz	2452	1586	12.91	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	2078	NA	NA
Intel Core i5-560M @ 2.67GHz	2579	1535	31.47	\$81.97*
Intel Core i5-560UM @ 1.33GHz	1664	1943	NA	NA
Intel Core i5-580M @ 2.67GHz	2581	1533	23.47	\$109.95*
Intel Core i5-650 @ 3.20GHz	3096	1363	36.44	\$84.98
Intel Core i5-655K @ 3.20GHz	3386	1273	56.45	\$59.99*
Intel Core i5-660 @ 3.33GHz	3245	1310	9.02	\$359.95
Intel Core i5-661 @ 3.33GHz	3193	1329	13.89	\$229.99*
Intel Core i5-670 @ 3.47GHz	3309	1294	11.86	\$279.00*
Intel Core i5-680 @ 3.60GHz	3513	1242	39.04	\$89.99*
Intel Core i5-750 @ 2.67GHz	3720	1189	93.62	\$39.74
Intel Core i5-760 @ 2.80GHz	3936	1140	18.84	\$209.00
Intel Core i5-1035G1 @ 1.00GHz	8991	470	30.28	\$297.00*
Intel Core i5-1035G4 @ 1.10GHz	9753	394	31.56	\$309.00*
Intel Core i5-1035G7 @ 1.20GHz	9456	423	29.55	\$320.00*
Intel Core i5-2300 @ 2.80GHz	5363	861	67.05	\$79.99*

Intel Core i5-2310 @ 2.90GHz	5535	834	29.71	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5773	798	62.09	\$93.00*
Intel Core i5-2380P @ 3.10GHz	5762	801	32.01	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4223	1081	42.27	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5971	774	101.71	\$58.71
Intel Core i5-2400S @ 2.50GHz	4989	926	27.42	\$182.00*
Intel Core i5-2405S @ 2.50GHz	5082	903	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3170	1335	44.04	\$72.00*
Intel Core i5-2415M @ 2.30GHz	3303	1296	NA	NA
Intel Core i5-2430M @ 2.40GHz	3287	1299	36.93	\$89.02*
Intel Core i5-2435M @ 2.40GHz	3232	1314	NA	NA
Intel Core i5-2450M @ 2.50GHz	3400	1266	40.48	\$84.02
Intel Core i5-2450P @ 3.20GHz	6149	755	68.34	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2320	1630	NA	NA
Intel Core i5-2500 @ 3.30GHz	6352	736	115.51	\$55.00
Intel Core i5-2500K @ 3.30GHz	6487	723	14.94	\$434.26*
Intel Core i5-2500S @ 2.70GHz	5386	856	71.84	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4647	989	51.64	\$89.99*
Intel Core i5-2510E @ 2.50GHz	3483	1249	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1293	NA	NA
Intel Core i5-2520M @ 2.50GHz	3592	1217	21.18	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2064	1742	NA	NA
Intel Core i5-2540M @ 2.60GHz	3782	1170	65.20	\$58.02
Intel Core i5-2550K @ 3.40GHz	6672	707	35.12	\$190.00*
Intel Core i5-2557M @ 1.70GHz	2691	1500	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1180	NA	NA
Intel Core i5-3210M @ 2.50GHz	3828	1160	56.10	\$68.24*
Intel Core i5-3230M @ 2.60GHz	3943	1137	18.14	\$217.42*
Intel Core i5-3317U @ 1.70GHz	3091	1365	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4133	1098	59.20	\$69.81*
Intel Core i5-3330 @ 3.00GHz	5953	778	29.77	\$200.00
Intel Core i5-3330S @ 2.70GHz	5678	810	59.78	\$94.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3335S @ 2.70GHz	5788	794	NA	NA
Intel Core i5-3337U @ 1.80GHz	3228	1316	14.35	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1681	NA	NA
Intel Core i5-3340 @ 3.10GHz	6100	763	20.82	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4248	1076	53.14	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	789	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6154	754	41.03	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4439	1038	47.84	\$92.81
Intel Core i5-3380M @ 2.90GHz	4448	1035	NA	NA
Intel Core i5-3427U @ 1.80GHz	3547	1228	8.44	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3626	1209	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1420	NA	NA
Intel Core i5-3450 @ 3.10GHz	6534	720	29.79	\$219.33
Intel Core i5-3450S @ 2.80GHz	6229	745	42.96	\$145.01*
Intel Core i5-3470 @ 3.20GHz	6723	702	96.05	\$70.00
Intel Core i5-3470S @ 2.90GHz	6391	733	71.81	\$89.00
Intel Core i5-3470T @ 2.90GHz	4493	1026	14.54	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6622	713	46.15	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6965	675	69.67	\$99.99*
Intel Core i5-3550S @ 3.00GHz	6916	681	20.96	\$329.95*
Intel Core i5-3570 @ 3.40GHz	7140	658	111.59	\$63.99
Intel Core i5-3570K @ 3.40GHz	7186	655	51.34	\$139.99
Intel Core i5-3570S @ 3.10GHz	6759	696	23.72	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5914	781	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3929	1143	NA	NA
Intel Core i5-4200H @ 2.80GHz	4458	1032	NA	NA
Intel Core i5-4200M @ 2.50GHz	4036	1113	49.76	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3281	1301	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1601	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2262	1660	NA	NA

Intel Core i5-4210H @ 2.90GHz	4534	1018	NA	NA
Intel Core i5-4210M @ 2.60GHz	4208	1085	13.58	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3402	1265	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2375	1614	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1637	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1433	NA	NA
Intel Core i5-4250U @ 1.30GHz	3376	1276	9.41	\$359.00*
Intel Core i5-4258U @ 2.40GHz	4090	1106	NA	NA
Intel Core i5-4260U @ 1.40GHz	3577	1223	NA	NA
Intel Core i5-4278U @ 2.60GHz	4371	1050	NA	NA
Intel Core i5-4288U @ 2.60GHz	4316	1065	NA	NA
Intel Core i5-4300M @ 2.60GHz	4445	1037	NA	NA
Intel Core i5-4300U @ 1.90GHz	3740	1184	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2505	1567	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1404	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	1082	NA	NA
Intel Core i5-4310M @ 2.70GHz	4654	986	NA	NA
Intel Core i5-4310U @ 2.00GHz	3783	1169	NA	NA
Intel Core i5-4330M @ 2.80GHz	4551	1012	16.55	\$274.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4340M @ 2.90GHz	4861	952	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1212	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	1014	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1135	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1465	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6338	737	39.62	\$159.99
Intel Core i5-4430S @ 2.70GHz	5956	777	37.23	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6518	721	13.12	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6256	742	13.51	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6724	701	31.37	\$214.34
Intel Core i5-4460S @ 2.90GHz	6430	728	9.74	\$659.99*

Intel Core i5-4460T @ 1.90GHz	4971	930	NA	NA
Intel Core i5-4570 @ 3.20GHz	7154	657	103.69	\$69.00
Intel Core i5-4570R @ 2.70GHz	6761	694	NA	NA
Intel Core i5-4570S @ 2.90GHz	6831	687	48.80	\$139.99
Intel Core i5-4570T @ 2.90GHz	4817	958	22.94	\$209.95
Intel Core i5-4570TE @ 2.70GHz	3827	1161	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7341	640	61.18	\$119.99
Intel Core i5-4590S @ 3.00GHz	7070	664	58.93	\$119.99*
Intel Core i5-4590T @ 2.00GHz	5625	814	26.80	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7471	626	32.21	\$232.00*
Intel Core i5-4670K @ 3.40GHz	7635	614	25.45	\$299.95
Intel Core i5-4670K CPT @ 3.40GHz	7411	635	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	633	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7407	636	34.78	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6155	753	23.76	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7690	606	34.13	\$225.34
Intel Core i5-4690K @ 3.50GHz	7799	593	49.06	\$159.00
Intel Core i5-4690S @ 3.20GHz	7426	632	20.67	\$359.21*
Intel Core i5-4690T @ 2.50GHz	6547	718	NA	NA
Intel Core i5-5200U @ 2.20GHz	3496	1247	12.44	\$281.00*
Intel Core i5-5250U @ 1.60GHz	3590	1221	8.12	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4409	1044	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	980	NA	NA
Intel Core i5-5300U @ 2.30GHz	3840	1156	7.07	\$543.39*
Intel Core i5-5350U @ 1.80GHz	3520	1239	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	624	NA	NA
Intel Core i5-5675C @ 3.10GHz	8135	554	26.25	\$309.95*
Intel Core i5-5675R @ 3.10GHz	7991	570	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4149	1095	NA	NA
Intel Core i5-6200U @ 2.30GHz	4010	1118	NA	NA
Intel Core i5-6260U @ 1.80GHz	4360	1053	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4888	944	NA	NA

Intel Core i5-6287U @ 3.10GHz	4751	971	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6095	766	NA	NA
Intel Core i5-6300U @ 2.40GHz	4366	1051	NA	NA
Intel Core i5-6360U @ 2.00GHz	4686	982	NA	NA
Intel Core i5-6400 @ 2.70GHz	6755	697	29.52	\$228.83*
Intel Core i5-6400T @ 2.20GHz	5615	817	21.60	\$259.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6402P @ 2.80GHz	7100	660	37.37	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	746	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6810	689	NA	NA
Intel Core i5-6500 @ 3.20GHz	7246	648	45.04	\$160.89
Intel Core i5-6500T @ 2.50GHz	6300	740	43.45	\$144.99*
Intel Core i5-6500TE @ 2.30GHz	6580	716	31.34	\$209.99*
Intel Core i5-6600 @ 3.30GHz	7774	596	29.66	\$262.13*
Intel Core i5-6600K @ 3.50GHz	8058	559	30.63	\$263.11*
Intel Core i5-6600T @ 2.70GHz	7273	645	24.25	\$299.95*
Intel Core i5-7200U @ 2.50GHz	4563	1008	16.24	\$281.00*
Intel Core i5-7260U @ 2.20GHz	5638	813	10.11	\$557.79
Intel Core i5-7267U @ 3.10GHz	4999	923	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	812	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6715	703	NA	NA
Intel Core i5-7300U @ 2.60GHz	5162	891	12.32	\$419.00
Intel Core i5-7360U @ 2.30GHz	5855	786	NA	NA
Intel Core i5-7400 @ 3.00GHz	7235	650	34.82	\$207.81*
Intel Core i5-7400T @ 2.40GHz	6333	738	30.85	\$205.27
Intel Core i5-7440HQ @ 2.80GHz	7641	612	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	5901	783	23.60	\$250.00*
Intel Core i5-7500 @ 3.40GHz	7937	578	39.22	\$202.39
Intel Core i5-7500T @ 2.70GHz	6954	676	30.18	\$230.42
Intel Core i5-7600 @ 3.50GHz	8639	511	33.05	\$261.43
Intel Core i5-7600K @ 3.80GHz	9047	466	33.26	\$272.00

Intel Core i5-7600T @ 2.80GHz	7983	573	31.52	\$253.27
Intel Core i5-7640X @ 4.00GHz	9461	420	39.10	\$242.00
Intel Core i5-8200Y @ 1.30GHz	4339	1057	14.91	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4227	1080	NA	NA
Intel Core i5-8250U @ 1.60GHz	7651	611	NA	NA
Intel Core i5-8259U @ 2.30GHz	10994	297	16.97	\$648.00
Intel Core i5-8265U @ 1.60GHz	7980	575	26.87	\$297.00*
Intel Core i5-8265UC @ 1.60GHz	7780	595	NA	NA
Intel Core i5-8279U @ 2.40GHz	10623	321	33.20	\$320.00*
Intel Core i5-8300H @ 2.30GHz	9468	417	37.87	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8947	483	NA	NA
Intel Core i5-8350U @ 1.70GHz	8140	553	27.41	\$297.00*
Intel Core i5-8365U @ 1.60GHz	8398	531	28.28	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11573	278	60.66	\$190.81
Intel Core i5-8400H @ 2.50GHz	10408	333	41.63	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9517	413	47.82	\$199.00
Intel Core i5-8500 @ 3.00GHz	11808	272	56.50	\$209.00
Intel Core i5-8500B @ 3.00GHz	12756	242	66.44	\$192.00*
Intel Core i5-8500T @ 2.10GHz	9992	367	42.64	\$234.36*
Intel Core i5-8600 @ 3.10GHz	12472	251	44.99	\$277.21*
Intel Core i5-8600K @ 3.60GHz	12682	246	44.25	\$286.57
Intel Core i5-8600T @ 2.30GHz	10981	299	29.92	\$366.99*
Intel Core i5-9300H @ 2.40GHz	9751	395	39.01	\$250.00*
Intel Core i5-9400 @ 2.90GHz	11969	270	63.00	\$189.99
Intel Core i5-9400F @ 2.90GHz	12113	266	83.55	\$144.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-9400H @ 2.50GHz	11435	279	45.74	\$250.00*
Intel Core i5-9400T @ 1.80GHz	10059	359	NA	NA
Intel Core i5-9500 @ 3.00GHz	12141	265	48.57	\$249.99
Intel Core i5-9500F @ 3.00GHz	13014	233	64.43	\$202.00*
Intel Core i5-9500T @ 2.20GHz	10532	327	54.86	\$192.00*

Intel Core i5-9600 @ 3.10GHz	13931	198	62.19	\$224.00*
Intel Core i5-9600K @ 3.70GHz	13478	218	56.16	\$239.99
Intel Core i5-9600KF @ 3.70GHz	13579	213	56.58	\$239.99
Intel Core i5-10210U @ 1.60GHz	9105	456	30.66	\$297.00*
Intel Core i5-24050S @ 2.50GHz	4928	938	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3738	1185	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1781	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1549	NA	NA
Intel Core i7-620LM @ 2.00GHz	1954	1789	NA	NA
Intel Core i7-620M @ 2.67GHz	2718	1492	24.72	\$110.01
Intel Core i7-620UM @ 1.07GHz	1323	2105	NA	NA
Intel Core i7-640LM @ 2.13GHz	2245	1669	NA	NA
Intel Core i7-640M @ 2.80GHz	2827	1456	14.14	\$199.95*
Intel Core i7-640UM @ 1.20GHz	1638	1956	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1891	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1909	NA	NA
Intel Core i7-720QM @ 1.60GHz	3008	1389	27.37	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3191	1330	19.95	\$159.95*
Intel Core i7-820QM @ 1.73GHz	3219	1321	13.42	\$239.95*
Intel Core i7-840QM @ 1.87GHz	3411	1264	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	5025	918	17.33	\$289.95*
Intel Core i7-860S @ 2.53GHz	4919	939	24.60	\$199.99*
Intel Core i7-870 @ 2.93GHz	5341	864	56.02	\$95.35
Intel Core i7-870S @ 2.67GHz	4849	956	NA	NA
Intel Core i7-875K @ 2.93GHz	5421	848	16.90	\$320.76
Intel Core i7-880 @ 3.07GHz	5505	836	9.44	\$583.00*
Intel Core i7-920 @ 2.67GHz	4914	940	119.86	\$41.00
Intel Core i7-920XM @ 2.00GHz	3724	1188	9.31	\$399.95*
Intel Core i7-930 @ 2.80GHz	5132	895	46.67	\$109.99
Intel Core i7-940 @ 2.93GHz	5332	865	51.28	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3967	1127	NA	NA
Intel Core i7-950 @ 3.07GHz	5540	831	135.16	\$40.99*

Intel Core i7-960 @ 3.20GHz	5798	792	20.71	\$280.00*
Intel Core i7-965 @ 3.20GHz	5850	788	5.80	\$1,008.95
Intel Core i7-970 @ 3.20GHz	8360	535	16.72	\$499.95*
Intel Core i7-975 @ 3.33GHz	6115	760	15.14	\$403.90*
Intel Core i7-980 @ 3.33GHz	8593	516	42.97	\$199.98*
Intel Core i7-980X @ 3.33GHz	8748	501	7.88	\$1,109.95
Intel Core i7-985 @ 3.47GHz	6641	710	NA	NA
Intel Core i7-990X @ 3.47GHz	9058	463	25.88	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	388	NA	NA
Intel Core i7-1065G7 @ 1.30GHz	10734	314	NA	NA
Intel Core i7-2600 @ 3.40GHz	8185	550	68.22	\$119.99
Intel Core i7-2600K @ 3.40GHz	8436	527	57.08	\$147.80
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2600S @ 2.80GHz	7092	661	67.47	\$105.12*
Intel Core i7-2610UE @ 1.50GHz	2481	1578	NA	NA
Intel Core i7-2617M @ 1.50GHz	2812	1462	NA	NA
Intel Core i7-2620M @ 2.70GHz	3841	1155	22.62	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5521	835	54.12	\$102.02
Intel Core i7-2630UM @ 1.60GHz	2584	1532	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5478	839	NA	NA
Intel Core i7-2637M @ 1.70GHz	2900	1435	NA	NA
Intel Core i7-2640M @ 2.80GHz	3925	1144	32.73	\$119.95*
Intel Core i7-2655LE @ 2.20GHz	3229	1315	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5878	785	42.29	\$139.00
Intel Core i7-2675QM @ 2.20GHz	5537	833	NA	NA
Intel Core i7-2677M @ 1.80GHz	2833	1453	NA	NA
Intel Core i7-2700K @ 3.50GHz	8691	506	28.40	\$305.99
Intel Core i7-2710QE @ 2.10GHz	5768	800	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	860	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6100	764	32.12	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6557	717	31.23	\$209.95*

Intel Core i7-2820QM @ 2.30GHz	6646	709	34.79	\$191.02
Intel Core i7-2840QM @ 2.40GHz	6766	693	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6953	678	12.85	\$541.00*
Intel Core i7-2920XM @ 2.50GHz	6998	669	15.89	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7224	652	17.62	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3541	1229	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3150	1347	NA	NA
Intel Core i7-3520M @ 2.90GHz	4548	1015	34.45	\$132.02*
Intel Core i7-3537U @ 2.00GHz	3809	1166	NA	NA
Intel Core i7-3540M @ 3.00GHz	4666	983	10.85	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1128	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	719	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7458	628	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	704	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6816	688	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	627	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7389	638	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7581	616	31.72	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6927	680	30.13	\$229.95*
Intel Core i7-3635QM @ 2.40GHz	6677	706	NA	NA
Intel Core i7-3667U @ 2.00GHz	3975	1125	NA	NA
Intel Core i7-3687U @ 2.10GHz	4137	1096	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1319	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8122	557	22.38	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	8310	540	34.63	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9278	440	68.73	\$134.99
Intel Core i7-3770K @ 3.50GHz	9515	414	27.19	\$349.98
Intel Core i7-3770S @ 3.10GHz	8903	488	59.48	\$149.68
Intel Core i7-3770T @ 2.50GHz	8204	548	24.86	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8989	471	22.47	\$399.99*
Intel Core i7-3820QM @ 2.70GHz	8404	530	29.49	\$285.00
CPU Name	Passmark CPU Mark	Rank	CPU Value	Price

	(higher is better)	(lower is better)	(higher is better)	(USD)
Intel Core i7-3840QM @ 2.80GHz	8762	499	30.31	\$289.05*
Intel Core i7-3920XM @ 2.90GHz	8981	475	8.19	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11975	269	52.07	\$229.99
Intel Core i7-3940XM @ 3.00GHz	9160	450	17.00	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12574	249	13.82	\$909.99*
Intel Core i7-3970X @ 3.50GHz	12696	245	24.90	\$509.94*
Intel Core i7-4500U @ 1.80GHz	3788	1168	NA	NA
Intel Core i7-4510U @ 2.00GHz	3916	1146	NA	NA
Intel Core i7-4550U @ 1.50GHz	3676	1201	NA	NA
Intel Core i7-4558U @ 2.80GHz	4401	1045	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	1059	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	966	NA	NA
Intel Core i7-4600M @ 2.90GHz	4900	942	NA	NA
Intel Core i7-4600U @ 2.10GHz	4103	1104	NA	NA
Intel Core i7-4610M @ 3.00GHz	4913	941	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1183	NA	NA
Intel Core i7-4650U @ 1.70GHz	3950	1133	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7203	653	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7734	602	20.19	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7689	607	40.68	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7413	634	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7131	659	32.65	\$218.45
Intel Core i7-4710HQ @ 2.50GHz	7722	604	20.43	\$378.00*
Intel Core i7-4710MQ @ 2.50GHz	7987	572	29.41	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7536	620	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7200	654	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7990	571	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8093	558	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8202	549	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8793	494	NA	NA
Intel Core i7-4765T @ 2.00GHz	7305	643	18.26	\$399.99*

Intel Core i7-4770 @ 3.40GHz	9781	392	60.03	\$162.95
Intel Core i7-4770HQ @ 2.20GHz	8961	478	NA	NA
Intel Core i7-4770K @ 3.50GHz	10076	358	29.38	\$343.00
Intel Core i7-4770R @ 3.20GHz	9830	384	NA	NA
Intel Core i7-4770S @ 3.10GHz	9347	432	15.32	\$610.00*
Intel Core i7-4770T @ 2.50GHz	8601	514	21.51	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	699	NA	NA
Intel Core i7-4771 @ 3.50GHz	9862	381	16.17	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7639	613	NA	NA
Intel Core i7-4790 @ 3.60GHz	9990	370	58.81	\$169.88
Intel Core i7-4790K @ 4.00GHz	11165	289	39.88	\$279.99
Intel Core i7-4790S @ 3.20GHz	9560	411	35.54	\$269.00
Intel Core i7-4790T @ 2.70GHz	9068	459	25.19	\$359.99
Intel Core i7-4800MQ @ 2.70GHz	8444	525	41.39	\$204.00*
Intel Core i7-4810MQ @ 2.80GHz	8655	509	45.57	\$189.95*
Intel Core i7-4820K @ 3.70GHz	9720	399	44.19	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9056	464	20.87	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7899	582	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4860HQ @ 2.40GHz	9289	439	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9349	430	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8986	473	15.32	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9347	431	20.32	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13022	232	27.39	\$475.50
Intel Core i7-4930MX @ 3.00GHz	9444	425	8.62	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9794	387	13.80	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9856	383	15.82	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13813	206	17.94	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10296	341	NA	NA
Intel Core i7-5500U @ 2.40GHz	3979	1124	NA	NA
Intel Core i7-5550U @ 2.00GHz	3851	1154	NA	NA

Intel Core i7-5557U @ 3.10GHz	4952	933	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4328	1060	NA	NA
Intel Core i7-5650U @ 2.20GHz	4242	1078	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	551	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	545	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8347	538	NA	NA
Intel Core i7-5775C @ 3.30GHz	10869	308	15.84	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10879	307	NA	NA
Intel Core i7-5820K @ 3.30GHz	13013	234	52.06	\$249.99
Intel Core i7-5850EQ @ 2.70GHz	9817	386	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	422	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13664	208	41.53	\$329.00*
Intel Core i7-5950HQ @ 2.90GHz	10850	309	NA	NA
Intel Core i7-5960X @ 3.00GHz	15993	146	15.34	\$1,042.93*
Intel Core i7-6498DU @ 2.50GHz	4437	1039	NA	NA
Intel Core i7-6500U @ 2.50GHz	4424	1040	11.26	\$393.00*
Intel Core i7-6560U @ 2.20GHz	4816	959	NA	NA
Intel Core i7-6567U @ 3.30GHz	5574	826	NA	NA
Intel Core i7-6600U @ 2.60GHz	4802	963	NA	NA
Intel Core i7-6650U @ 2.20GHz	4977	928	NA	NA
Intel Core i7-6700 @ 3.40GHz	10003	366	29.86	\$334.99
Intel Core i7-6700HQ @ 2.60GHz	8128	555	21.50	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11109	291	35.54	\$312.61*
Intel Core i7-6700T @ 2.80GHz	9000	469	23.94	\$375.99
Intel Core i7-6700TE @ 2.40GHz	8674	508	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9720	400	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13565	214	39.78	\$340.98
Intel Core i7-6820EQ @ 2.80GHz	8630	512	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9122	454	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8759	500	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6501	722	NA	NA
Intel Core i7-6850K @ 3.60GHz	14373	186	28.59	\$502.75

Intel Core i7-6900K @ 3.20GHz	17614	111	25.10	\$701.85
Intel Core i7-6920HQ @ 2.90GHz	9560	410	16.83	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19922	74	11.01	\$1,809.95
Intel Core i7-7500U @ 2.70GHz	5124	896	NA	NA
Intel Core i7-7560U @ 2.40GHz	5770	799	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7567U @ 3.50GHz	6464	724	7.26	\$889.98
Intel Core i7-7600U @ 2.80GHz	5110	899	NA	NA
Intel Core i7-7660U @ 2.50GHz	5988	773	NA	NA
Intel Core i7-7700 @ 3.60GHz	10686	316	35.65	\$299.81
Intel Core i7-7700HQ @ 2.80GHz	8766	498	23.19	\$378.00*
Intel Core i7-7700K @ 4.20GHz	11995	267	33.95	\$353.34
Intel Core i7-7700T @ 2.90GHz	9304	437	30.11	\$309.00*
Intel Core i7-7740X @ 4.30GHz	12225	260	37.50	\$325.99
Intel Core i7-7800X @ 3.50GHz	14634	180	28.70	\$509.99*
Intel Core i7-7820EQ @ 3.00GHz	9144	452	24.19	\$378.00*
Intel Core i7-7820HK @ 2.90GHz	9956	374	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9243	443	24.45	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18524	96	41.53	\$446.07
Intel Core i7-7900X @ 3.30GHz	20474	67	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9991	368	NA	NA
Intel Core i7-8086K @ 4.00GHz	16680	124	30.17	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3938	1139	10.02	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8246	543	NA	NA
Intel Core i7-8559U @ 2.70GHz	12212	262	22.49	\$543.00
Intel Core i7-8565U @ 1.80GHz	8904	487	NA	NA
Intel Core i7-8650U @ 1.90GHz	8696	502	21.21	\$409.99
Intel Core i7-8665U @ 1.90GHz	8984	474	21.97	\$409.00*
Intel Core i7-8700 @ 3.20GHz	15140	166	38.89	\$389.30
Intel Core i7-8700B @ 3.20GHz	14802	177	48.85	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15930	148	44.88	\$354.99

Intel Core i7-8700T @ 2.40GHz	12628	247	30.88	\$409.00
Intel Core i7-8705G @ 3.10GHz	9887	379	7.02	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10539	325	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	393	NA	NA
Intel Core i7-8750H @ 2.20GHz	12399	252	31.39	\$395.00*
Intel Core i7-8809G @ 3.10GHz	10981	298	NA	NA
Intel Core i7-8850H @ 2.60GHz	12984	235	32.87	\$395.00*
Intel Core i7-9700 @ 3.00GHz	15869	151	45.34	\$349.99
Intel Core i7-9700F @ 3.00GHz	16470	129	49.07	\$335.62
Intel Core i7-9700K @ 3.60GHz	17194	115	47.90	\$359.00
Intel Core i7-9700KF @ 3.60GHz	17107	117	47.52	\$359.99
Intel Core i7-9700T @ 2.00GHz	13296	223	41.17	\$323.00*
Intel Core i7-9750H @ 2.60GHz	13476	219	NA	NA
Intel Core i7-9800X @ 3.80GHz	19699	83	32.60	\$604.29
Intel Core i7-9850H @ 2.60GHz	14076	195	35.64	\$395.00*
Intel Core i7-10510U @ 1.80GHz	9782	391	23.92	\$409.00*
Intel Core i7-10710U @ 1.10GHz	13052	231	29.46	\$443.00*
Intel Core i9-7900X @ 3.30GHz	21879	52	21.88	\$999.99*
Intel Core i9-7920X @ 2.90GHz	23304	41	17.31	\$1,346.25*
Intel Core i9-7940X @ 3.10GHz	25424	23	19.56	\$1,299.99*
Intel Core i9-7960X @ 2.80GHz	26110	19	19.34	\$1,349.99*
Intel Core i9-7980XE @ 2.60GHz	27647	16	23.45	\$1,178.93
Intel Core i9-8950HK @ 2.90GHz	14239	190	24.43	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21648	55	38.64	\$560.29
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-9880H @ 2.30GHz	16813	122	30.24	\$556.00*
Intel Core i9-9900 @ 3.10GHz	18496	97	42.04	\$439.99
Intel Core i9-9900K @ 3.60GHz	20199	72	42.80	\$471.99
Intel Core i9-9900KF @ 3.60GHz	20421	68	43.45	\$469.99
Intel Core i9-9900X @ 3.50GHz	23019	43	25.58	\$899.98
Intel Core i9-9920X @ 3.50GHz	25238	27	21.84	\$1,155.45

Intel Core i9-9940X @ 3.30GHz	27124	17	22.55	\$1,203.00
Intel Core i9-9960X @ 3.10GHz	27930	14	17.47	\$1,598.97
Intel Core i9-9980HK @ 2.40GHz	17673	109	30.32	\$583.00*
Intel Core i9-9980XE @ 3.00GHz	29494	9	15.13	\$1,949.99
Intel Core m3-6Y30 @ 0.90GHz	3025	1385	10.77	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3516	1241	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1291	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3531	1234	12.57	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3352	1281	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3227	1317	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3459	1255	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2653	1511	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1611	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2819	1460	10.03	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1454	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2508	1564	NA	NA
Intel Core M-5Y70 @ 1.10GHz	2912	1426	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2991	1396	10.65	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2682	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2675	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2593	NA	NA
Intel Core Solo U1300 @ 1.06GHz	273	2836	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2830	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2752	NA	NA
Intel E3000 @ 3.40GHz	2767	1475	NA	NA
Intel Pentium 4 1.40GHz	164	2937	NA	NA
Intel Pentium 4 1.50GHz	131	2954	NA	NA
Intel Pentium 4 1.60GHz	129	2956	NA	NA
Intel Pentium 4 1.70GHz	132	2953	NA	NA
Intel Pentium 4 1.80GHz	161	2940	NA	NA
Intel Pentium 4 1.90GHz	159	2941	NA	NA
Intel Pentium 4 2.00GHz	189	2919	NA	NA

Intel Pentium 4 2.20GHz	209	2901	NA	NA
Intel Pentium 4 2.26GHz	221	2889	NA	NA
Intel Pentium 4 2.40GHz	228	2883	NA	NA
Intel Pentium 4 2.50GHz	245	2867	NA	NA
Intel Pentium 4 2.53GHz	248	2863	NA	NA
Intel Pentium 4 2.60GHz	288	2809	NA	NA
Intel Pentium 4 2.66GHz	254	2855	NA	NA
Intel Pentium 4 2.80GHz	322	2758	NA	NA
Intel Pentium 4 2.93GHz	293	2800	NA	NA
Intel Pentium 4 3.00GHz	353	2729	NA	NA
Intel Pentium 4 3.06GHz	347	2732	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 3.20GHz	373	2703	NA	NA
Intel Pentium 4 3.40GHz	395	2677	NA	NA
Intel Pentium 4 3.46GHz	454	2611	NA	NA
Intel Pentium 4 3.60GHz	487	2572	NA	NA
Intel Pentium 4 3.73GHz	486	2575	NA	NA
Intel Pentium 4 3.80GHz	485	2577	NA	NA
Intel Pentium 4 3.83GHz	195	2914	NA	NA
Intel Pentium 4 4.00GHz	184	2924	NA	NA
Intel Pentium 4 1300MHz	119	2960	NA	NA
Intel Pentium 4 1400MHz	127	2957	NA	NA
Intel Pentium 4 1500MHz	125	2958	NA	NA
Intel Pentium 4 1600MHz	193	2918	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2944	NA	NA
Intel Pentium 4 1800MHz	162	2939	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2947	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2913	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2930	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2902	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2933	NA	NA

Intel Pentium 4 Mobile 1.90GHz	209	2900	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2909	NA	NA
Intel Pentium 5 2.66GHz	705	2452	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2237	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1139	2218	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2212	NA	NA
Intel Pentium 987 @ 1.50GHz	1225	2166	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	2064	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1486	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1386	NA	NA
Intel Pentium 2020M @ 2.40GHz	2274	1653	16.97	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2398	1606	17.90	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1655	1949	12.35	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1821	1861	13.59	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1062	2257	7.93	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2268	1658	NA	NA
Intel Pentium 3556U @ 1.70GHz	1671	1935	NA	NA
Intel Pentium 3558U @ 1.70GHz	1672	1934	NA	NA
Intel Pentium 3560M @ 2.40GHz	2269	1657	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2144	NA	NA
Intel Pentium 3805U @ 1.90GHz	1965	1783	NA	NA
Intel Pentium 3825U @ 1.90GHz	2519	1559	NA	NA
Intel Pentium 4405U @ 2.10GHz	2931	1418	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1745	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2050	1749	12.73	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3149	1348	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2222	1680	13.81	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3213	1322	19.96	\$161.00*
Intel Pentium 5405U @ 2.30GHz	3184	1331	19.78	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1973	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

Intel Pentium B940 @ 2.00GHz	1727	1897	57.71	\$29.94*
Intel Pentium B950 @ 2.10GHz	1717	1904	NA	NA
Intel Pentium B960 @ 2.20GHz	1853	1840	37.84	\$48.99*
Intel Pentium B970 @ 2.30GHz	1953	1790	38.32	\$50.99*
Intel Pentium B980 @ 2.40GHz	2027	1757	28.98	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1165	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	529	2541	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2485	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2512	NA	NA
Intel Pentium D 940 @ 3.20GHz	709	2449	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2437	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2407	NA	NA
Intel Pentium E2140 @ 1.60GHz	870	2374	5.51	\$157.95*
Intel Pentium E2160 @ 1.80GHz	999	2295	64.42	\$15.51*
Intel Pentium E2180 @ 2.00GHz	1088	2243	36.28	\$29.99
Intel Pentium E2200 @ 2.20GHz	1203	2180	16.04	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2192	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	2101	15.48	\$85.99*
Intel Pentium E5200 @ 2.50GHz	1487	2028	41.38	\$35.94
Intel Pentium E5300 @ 2.60GHz	1539	2002	59.25	\$25.98*
Intel Pentium E5400 @ 2.70GHz	1596	1980	89.90	\$17.76*
Intel Pentium E5500 @ 2.80GHz	1636	1958	62.95	\$25.99*
Intel Pentium E5700 @ 3.00GHz	1737	1895	115.94	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1888	1826	62.97	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1706	1914	165.68	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1764	1879	11.17	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1860	1838	18.61	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1932	1800	64.44	\$29.99
Intel Pentium E6800 @ 3.33GHz	1974	1777	22.19	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2360	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2322	NA	NA

Intel Pentium G620 @ 2.60GHz	2287	1645	91.53	\$24.99*
Intel Pentium G620T @ 2.20GHz	2033	1754	25.42	\$79.99*
Intel Pentium G630 @ 2.70GHz	2371	1616	23.72	\$100.00
Intel Pentium G630T @ 2.30GHz	2089	1728	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2519	1558	16.80	\$150.00*
Intel Pentium G640T @ 2.40GHz	1979	1775	NA	NA
Intel Pentium G645 @ 2.90GHz	2589	1531	64.73	\$40.00
Intel Pentium G645T @ 2.50GHz	2255	1663	NA	NA
Intel Pentium G840 @ 2.80GHz	2559	1545	73.14	\$34.99*
Intel Pentium G850 @ 2.90GHz	2664	1509	13.46	\$197.99
Intel Pentium G860 @ 3.00GHz	2736	1489	32.97	\$82.99
Intel Pentium G870 @ 3.10GHz	2819	1459	29.07	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2597	1528	51.95	\$50.00
Intel Pentium G2020 @ 2.90GHz	2753	1484	45.92	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2418	1596	50.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2867	1445	71.70	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2487	1575	38.86	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1479	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2120 @ 3.10GHz	3079	1370	19.30	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3200	1325	64.01	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3377	1275	41.18	\$82.00*
Intel Pentium G3220 @ 3.00GHz	3125	1355	31.06	\$100.63
Intel Pentium G3220T @ 2.60GHz	2561	1543	40.67	\$62.98
Intel Pentium G3240 @ 3.10GHz	3154	1345	39.44	\$79.99
Intel Pentium G3240T @ 2.70GHz	2840	1449	NA	NA
Intel Pentium G3250 @ 3.20GHz	3242	1311	29.48	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2969	1407	33.00	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3865	1149	55.24	\$69.98
Intel Pentium G3260 @ 3.30GHz	3357	1279	23.99	\$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1419	32.56	\$89.99*

Intel Pentium G3320TE @ 2.30GHz	2389	1608	NA	NA
Intel Pentium G3420 @ 3.20GHz	3396	1268	64.63	\$52.55
Intel Pentium G3420T @ 2.70GHz	3008	1391	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1269	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3319	1290	20.75	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1362	NA	NA
Intel Pentium G3450 @ 3.40GHz	3695	1196	36.96	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1408	NA	NA
Intel Pentium G3460 @ 3.50GHz	3584	1222	12.44	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3714	1191	35.62	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3539	1230	50.56	\$70.00
Intel Pentium G4400T @ 2.90GHz	3163	1339	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1443	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3792	1167	37.68	\$100.63
Intel Pentium G4500T @ 3.00GHz	3471	1252	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1087	38.05	\$109.98
Intel Pentium G4560 @ 3.50GHz	4863	951	49.42	\$98.42*
Intel Pentium G4560T @ 2.90GHz	3990	1122	36.28	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5075	904	21.15	\$239.95
Intel Pentium G4600T @ 3.00GHz	4266	1072	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5214	882	45.88	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1860	1839	46.52	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1708	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2059	1746	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5212	883	82.75	\$62.99
Intel Pentium Gold G5400T @ 3.10GHz	4884	946	76.31	\$64.00*
Intel Pentium Gold G5420 @ 3.80GHz	5447	847	69.70	\$78.16
Intel Pentium Gold G5420T @ 3.20GHz	5156	893	80.57	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5195	885	30.57	\$169.94*
Intel Pentium Gold G5500T @ 3.20GHz	4346	1055	57.95	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5570	827	58.68	\$94.93
Intel Pentium Gold G5600F @ 3.90GHz	5736	805	NA	NA

Intel Pentium III 933S @ 933MHz	238	2875	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2813	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2829	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2774	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2793	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III 1400S @ 1400MHz	299	2790	NA	NA
Intel Pentium III Mobile 750MHz	103	2963	NA	NA
Intel Pentium III Mobile 800MHz	182	2927	NA	NA
Intel Pentium III Mobile 866MHz	152	2945	NA	NA
Intel Pentium III Mobile 933MHz	218	2891	7.55	\$28.99
Intel Pentium III Mobile 1000MHz	245	2866	NA	NA
Intel Pentium III Mobile 1066MHz	246	2865	NA	NA
Intel Pentium III Mobile 1133MHz	251	2859	NA	NA
Intel Pentium III Mobile 1200MHz	240	2873	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1850	NA	NA
Intel Pentium J2900 @ 2.41GHz	1972	1778	NA	NA
Intel Pentium J3710 @ 1.60GHz	1913	1810	NA	NA
Intel Pentium J4205 @ 1.50GHz	2270	1656	NA	NA
Intel Pentium M 1.10GHz	282	2820	NA	NA
Intel Pentium M 1.20GHz	298	2791	NA	NA
Intel Pentium M 1.30GHz	301	2784	NA	NA
Intel Pentium M 1.40GHz	345	2736	NA	NA
Intel Pentium M 1.50GHz	366	2713	NA	NA
Intel Pentium M 1.60GHz	364	2716	NA	NA
Intel Pentium M 1.70GHz	406	2661	NA	NA
Intel Pentium M 1.73GHz	413	2652	NA	NA
Intel Pentium M 1.80GHz	411	2654	NA	NA
Intel Pentium M 1.86GHz	438	2628	NA	NA
Intel Pentium M 2.00GHz	461	2603	NA	NA
Intel Pentium M 2.10GHz	448	2616	NA	NA

Intel Pentium M 2.13GHz	499	2565	NA	NA
Intel Pentium M 2.26GHz	509	2558	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2582	NA	NA
Intel Pentium M 900MHz	217	2895	NA	NA
Intel Pentium M 1000MHz	233	2879	NA	NA
Intel Pentium M 1100MHz	259	2851	NA	NA
Intel Pentium M 1200MHz	237	2876	NA	NA
Intel Pentium M 1300MHz	303	2778	NA	NA
Intel Pentium M 1400MHz	320	2760	NA	NA
Intel Pentium M 1500MHz	354	2726	NA	NA
Intel Pentium M 1600MHz	335	2746	NA	NA
Intel Pentium M 1700MHz	376	2698	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	2009	NA	NA
Intel Pentium N3520 @ 2.16GHz	1807	1864	NA	NA
Intel Pentium N3530 @ 2.16GHz	1912	1812	NA	NA
Intel Pentium N3540 @ 2.16GHz	1933	1799	7.71	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1836	1851	4.13	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1863	1837	NA	NA
Intel Pentium N4200 @ 1.10GHz	2035	1752	8.70	\$233.98*
Intel Pentium P6000 @ 1.87GHz	1243	2159	NA	NA
Intel Pentium P6100 @ 2.00GHz	1327	2103	46.68	\$28.44*
Intel Pentium P6200 @ 2.13GHz	1351	2090	30.06	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1388	2070	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2903	1431	13.20	\$219.92*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium Silver N5000 @ 1.10GHz	2458	1583	15.27	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2662	NA	NA
Intel Pentium SU4100 @ 1.30GHz	853	2385	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2389	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2473	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2453	4.41	\$159.95*

<u>Intel Pentium T2130 @ 1.86GHz</u>	708	2450	NA	NA
<u>Intel Pentium T2310 @ 1.46GHz</u>	735	2439	NA	NA
<u>Intel Pentium T2330 @ 1.60GHz</u>	831	2395	NA	NA
<u>Intel Pentium T2370 @ 1.73GHz</u>	849	2387	<u>24.26</u>	<u>\$35.00*</u>
<u>Intel Pentium T2390 @ 1.86GHz</u>	948	2334	NA	NA
<u>Intel Pentium T2410 @ 2.00GHz</u>	977	2310	NA	NA
<u>Intel Pentium T3200 @ 2.00GHz</u>	1032	2271	<u>86.01</u>	<u>\$12.00*</u>
<u>Intel Pentium T3400 @ 2.16GHz</u>	1114	2225	<u>12.39</u>	<u>\$89.95*</u>
<u>Intel Pentium T4200 @ 2.00GHz</u>	1152	2209	<u>96.02</u>	<u>\$12.00*</u>
<u>Intel Pentium T4300 @ 2.10GHz</u>	1231	2163	NA	NA
<u>Intel Pentium T4400 @ 2.20GHz</u>	1281	2133	NA	NA
<u>Intel Pentium T4500 @ 2.30GHz</u>	1334	2099	NA	NA
<u>Intel Pentium U5400 @ 1.20GHz</u>	814	2402	NA	NA
<u>Intel Pentium U5600 @ 1.33GHz</u>	951	2331	NA	NA
<u>Intel T1200 @ 1.50GHz</u>	435	2634	NA	NA
<u>Intel T1400 @ 1.73GHz</u>	929	2347	NA	NA
<u>Intel T1500 @ 1.86GHz</u>	953	2329	NA	NA
<u>Intel T2050 @ 2.00GHz</u>	959	2326	NA	NA
<u>Intel Xeon 2.00GHz</u>	233	2878	NA	NA
<u>Intel XEON 2.20GHz</u>	252	2857	NA	NA
<u>Intel Xeon 2.40GHz</u>	276	2832	<u>30.35</u>	<u>\$9.10*</u>
<u>Intel Xeon 2.66GHz</u>	435	2633	NA	NA
<u>Intel Xeon 2.80GHz</u>	400	2673	NA	NA
<u>Intel Xeon 3.00GHz</u>	391	2686	NA	NA
<u>Intel Xeon 3.06GHz</u>	491	2569	NA	NA
<u>Intel Xeon 3.20GHz</u>	461	2604	NA	NA
<u>Intel Xeon 3.40GHz</u>	478	2586	NA	NA
<u>Intel Xeon 3.60GHz</u>	509	2557	<u>0.60</u>	<u>\$851.00*</u>
<u>Intel Xeon 3.73GHz</u>	1041	2267	NA	NA
<u>Intel Xeon 3.80GHz</u>	604	2501	<u>0.71</u>	<u>\$851.00*</u>
<u>Intel Xeon 1500MHz</u>	193	2917	NA	NA
<u>Intel Xeon 3040 @ 1.86GHz</u>	1278	2136	<u>51.05</u>	<u>\$25.04*</u>

Intel Xeon 3050 @ 2.13GHz	1300	2116	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	2010	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	2008	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1874	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1849	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1989	NA	NA
Intel Xeon 5110 @ 1.60GHz	1084	2247	30.99	\$35.00*
Intel Xeon 5120 @ 1.86GHz	1248	2158	0.77	\$1,619.99*
Intel Xeon 5130 @ 2.00GHz	1366	2080	27.90	\$48.99
Intel Xeon 5133 @ 2.20GHz	1598	1978	NA	NA
Intel Xeon 5140 @ 2.33GHz	1636	1957	65.49	\$24.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 5148 @ 2.33GHz	1590	1984	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1752	1888	12.53	\$139.95*
Intel Xeon 5160 @ 3.00GHz	1956	1786	52.18	\$37.49*
Intel Xeon @ 2.00GHz	11327	283	NA	NA
Intel Xeon @ 2.20GHz	1902	1816	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5582	823	23.31	\$239.53
Intel Xeon Bronze 3106 @ 1.70GHz	6890	683	19.34	\$356.27*
Intel Xeon D-1518 @ 2.20GHz	5322	870	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	803	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	671	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	547	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9643	405	27.71	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	603	13.54	\$571.00*
Intel Xeon D-1539 @ 1.60GHz	8443	526	17.37	\$486.00*
Intel Xeon D-1540 @ 2.00GHz	10740	313	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11064	293	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	317	19.24	\$555.00*
Intel Xeon D-1557 @ 1.50GHz	10950	302	15.78	\$694.00*
Intel Xeon D-1559 @ 1.50GHz	8055	560	NA	NA

Intel Xeon D-1567 @ 2.10GHz	14482	184	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	196	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8150	552	38.26	\$213.00*
Intel Xeon D-2141L @ 2.20GHz	12836	239	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	205	24.41	\$566.00*
Intel Xeon D-2146NT @ 2.30GHz	10968	300	17.11	\$641.00*
Intel Xeon D-2183IT @ 2.20GHz	19381	89	10.99	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6250	743	117.99	\$52.98
Intel Xeon E3-1220 V2 @ 3.10GHz	6732	700	112.26	\$59.97
Intel Xeon E3-1220 v3 @ 3.10GHz	7178	656	53.57	\$133.99
Intel Xeon E3-1220 v5 @ 3.00GHz	7772	597	29.17	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7769	599	35.18	\$220.83
Intel Xeon E3-1220L @ 2.20GHz	3606	1214	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	1041	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2070	1739	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	6092	767	95.21	\$63.99
Intel Xeon E3-1225 V2 @ 3.20GHz	6968	674	100.99	\$69.00
Intel Xeon E3-1225 v3 @ 3.20GHz	7238	649	53.23	\$135.99
Intel Xeon E3-1225 v5 @ 3.30GHz	7834	588	27.02	\$290.00
Intel Xeon E3-1225 v6 @ 3.30GHz	7958	577	34.04	\$233.80
Intel Xeon E3-1226 v3 @ 3.30GHz	7574	618	12.73	\$595.00*
Intel Xeon E3-1230 @ 3.20GHz	7851	586	81.80	\$95.99
Intel Xeon E3-1230 V2 @ 3.30GHz	8868	492	113.70	\$78.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9325	434	43.37	\$215.00
Intel Xeon E3-1230 v5 @ 3.40GHz	9742	397	23.71	\$410.86
Intel Xeon E3-1230 v6 @ 3.50GHz	9784	390	37.26	\$262.59
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	651	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9629	408	18.88	\$509.95
Intel Xeon E3-1235 @ 3.20GHz	7757	600	31.79	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	725	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

Intel Xeon E3-1240 @ 3.30GHz	7975	576	81.39	\$97.99
Intel Xeon E3-1240 V2 @ 3.40GHz	9159	451	72.15	\$126.95
Intel Xeon E3-1240 v3 @ 3.40GHz	9677	403	25.17	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10317	336	30.20	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10472	331	36.35	\$288.10
Intel Xeon E3-1240L v3 @ 2.00GHz	7486	623	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	594	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10015	364	27.07	\$369.99
Intel Xeon E3-1245 @ 3.30GHz	8040	563	75.86	\$105.99
Intel Xeon E3-1245 V2 @ 3.40GHz	9127	453	58.14	\$156.99
Intel Xeon E3-1245 v3 @ 3.40GHz	9586	409	37.59	\$255.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10155	350	29.41	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10533	326	33.78	\$311.82
Intel Xeon E3-1246 v3 @ 3.50GHz	9861	382	24.11	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6266	741	111.85	\$56.02*
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	345	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	5961	776	6.49	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7455	629	50.37	\$148.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9180	449	12.93	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	462	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	587	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	503	19.05	\$456.54
Intel Xeon E3-1270 @ 3.40GHz	8248	542	26.19	\$315.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9464	419	49.82	\$189.99
Intel Xeon E3-1270 v3 @ 3.50GHz	9919	376	49.60	\$199.99
Intel Xeon E3-1270 v5 @ 3.60GHz	10297	339	21.52	\$478.48
Intel Xeon E3-1270 v6 @ 3.80GHz	11171	288	32.99	\$338.61
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	315	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10117	355	11.39	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8122	556	26.72	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9434	426	23.90	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	10048	360	25.06	\$400.99*

Intel Xeon E3-1275 v5 @ 3.60GHz	10353	335	24.94	\$415.13*
Intel Xeon E3-1275 v6 @ 3.80GHz	11028	295	30.38	\$362.95
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	489	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10209	346	9.51	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8416	528	25.34	\$332.20
Intel Xeon E3-1280 V2 @ 3.60GHz	9455	424	11.01	\$859.00*
Intel Xeon E3-1280 v3 @ 3.60GHz	9827	385	21.89	\$449.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	320	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11041	294	24.72	\$446.69
Intel Xeon E3-1281 v3 @ 3.70GHz	10031	361	11.43	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	332	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	330	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11992	268	11.89	\$1,009.00
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	372	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	301	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	377	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	416	12.27	\$774.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1290 @ 3.60GHz	8768	497	9.91	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9697	402	10.96	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	735	NA	NA
Intel Xeon E3-1505L v6 @ 2.20GHz	7887	583	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8956	481	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9653	404	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10016	363	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9345	433	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10563	324	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10309	337	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10616	322	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	312	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	352	22.78	\$445.00*

Intel Xeon E5-1410 @ 2.80GHz	7265	647	148.31	\$48.99*
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	630	NA	NA
Intel Xeon E5-1428L v2 @ 2.20GHz	8679	507	17.57	\$494.00*
Intel Xeon E5-1603 @ 2.80GHz	5576	825	278.94	\$19.99
Intel Xeon E5-1603 v3 @ 2.80GHz	6202	749	62.03	\$99.99*
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	727	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5894	784	210.89	\$27.95*
Intel Xeon E5-1607 v2 @ 3.00GHz	6217	747	177.91	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	7039	667	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7270	646	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9068	460	139.51	\$65.00*
Intel Xeon E5-1620 v2 @ 3.70GHz	9498	415	161.01	\$58.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9747	396	60.93	\$159.99*
Intel Xeon E5-1620 v4 @ 3.50GHz	9935	375	32.75	\$303.34
Intel Xeon E5-1630 v3 @ 3.70GHz	10228	344	21.40	\$477.99
Intel Xeon E5-1630 v4 @ 3.70GHz	10296	340	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11736	274	23.71	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12744	243	115.93	\$109.94
Intel Xeon E5-1650 v3 @ 3.50GHz	13622	211	86.22	\$157.99
Intel Xeon E5-1650 v4 @ 3.60GHz	14226	191	28.00	\$508.00*
Intel Xeon E5-1660 @ 3.30GHz	12251	258	9.99	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13901	201	49.30	\$281.99
Intel Xeon E5-1660 v3 @ 3.00GHz	14656	179	9.07	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16203	140	13.18	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16323	135	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16325	134	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17063	118	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	103	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1237	29.58	\$119.13
Intel Xeon E5-2403 v2 @ 1.80GHz	3590	1220	99.76	\$35.99*
Intel Xeon E5-2407 @ 2.20GHz	4188	1086	49.32	\$84.92*
Intel Xeon E5-2407 v2 @ 2.40GHz	4648	987	50.67	\$91.75

Intel Xeon E5-2418L @ 2.00GHz	5202	884	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7063	665	18.11	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8693	505	165.05	\$52.67*
Intel Xeon E5-2430 @ 2.20GHz	7695	605	76.10	\$101.12
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2430 v2 @ 2.50GHz	9061	461	187.76	\$48.26*
Intel Xeon E5-2430L @ 2.00GHz	7834	589	242.71	\$32.28*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	712	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9221	446	230.59	\$39.99
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	438	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	482	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10196	347	161.91	\$62.98
Intel Xeon E5-2450L @ 1.80GHz	8261	541	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	11144	290	87.07	\$128.00*
Intel Xeon E5-2470 v2 @ 2.40GHz	11268	286	50.76	\$222.00
Intel Xeon E5-2603 @ 1.80GHz	3591	1219	75.05	\$47.85
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1174	62.78	\$59.99*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	889	77.05	\$67.23
Intel Xeon E5-2603 v4 @ 1.70GHz	5469	842	21.04	\$260.00*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	585	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4607	1000	47.97	\$96.04*
Intel Xeon E5-2609 v2 @ 2.50GHz	5160	892	108.63	\$47.50
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	782	55.66	\$106.03
Intel Xeon E5-2609 v4 @ 1.70GHz	6905	682	19.20	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	263	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	181	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7904	580	272.68	\$28.99
Intel Xeon E5-2620 v2 @ 2.10GHz	8600	515	215.07	\$39.99
Intel Xeon E5-2620 v3 @ 2.40GHz	9987	371	142.69	\$69.99
Intel Xeon E5-2620 v4 @ 2.10GHz	11324	284	28.34	\$399.66
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	472	13.85	\$649.00*

Intel Xeon E5-2623 v4 @ 2.60GHz	8506	520	15.50	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	427	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	255	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	229	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	296	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8923	484	223.42	\$39.94*
Intel Xeon E5-2630 v2 @ 2.60GHz	10368	334	235.96	\$43.94
Intel Xeon E5-2630 v3 @ 2.40GHz	12797	240	130.59	\$98.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13910	200	21.12	\$658.70*
Intel Xeon E5-2630L @ 2.00GHz	8041	562	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	458	232.44	\$39.10*
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	398	28.62	\$339.95*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	238	NA	NA
Intel Xeon E5-2637 @ 3.00GHz	4508	1022	5.09	\$885.00*
Intel Xeon E5-2637 v2 @ 3.50GHz	9200	448	108.25	\$84.99*
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	354	61.25	\$165.19
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	329	9.65	\$1,089.15
Intel Xeon E5-2640 @ 2.50GHz	9394	428	156.70	\$59.95
Intel Xeon E5-2640 v2 @ 2.00GHz	10189	349	55.15	\$184.76
Intel Xeon E5-2640 v3 @ 2.60GHz	13864	204	102.70	\$135.00
Intel Xeon E5-2640 v4 @ 2.40GHz	15420	161	16.76	\$920.27*
Intel Xeon E5-2643 @ 3.30GHz	8451	524	140.98	\$59.95
Intel Xeon E5-2643 v2 @ 3.50GHz	13148	226	62.62	\$209.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2643 v3 @ 3.40GHz	13887	202	55.55	\$250.00*
Intel Xeon E5-2643 v4 @ 3.40GHz	13475	220	8.06	\$1,671.25*
Intel Xeon E5-2648L @ 1.80GHz	6698	705	NA	NA
Intel Xeon E5-2648L v2 @ 1.90GHz	11381	281	7.70	\$1,479.00*
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	280	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	209	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	178	NA	NA

Intel Xeon E5-2650 @ 2.00GHz	10259	342	227.99	\$45.00
Intel Xeon E5-2650 v2 @ 2.60GHz	13229	224	183.62	\$72.05
Intel Xeon E5-2650 v3 @ 2.30GHz	14883	175	114.50	\$129.99
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	152	15.73	\$1,009.00
Intel Xeon E5-2650L @ 1.80GHz	8483	523	107.39	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	380	72.74	\$135.84*
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	217	58.19	\$232.22
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	194	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	285	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9632	407	6.59	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	203	77.09	\$179.99*
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	138	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	17275	113	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11252	287	85.32	\$131.89
Intel Xeon E5-2660 v2 @ 2.20GHz	13142	227	75.54	\$173.98*
Intel Xeon E5-2660 v3 @ 2.60GHz	16309	137	52.71	\$309.40
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	121	11.25	\$1,499.99*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	197	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11746	273	114.75	\$102.37
Intel Xeon E5-2667 @ 2.90GHz	10671	318	206.41	\$51.70*
Intel Xeon E5-2667 v2 @ 3.30GHz	16158	142	48.96	\$330.00
Intel Xeon E5-2667 v3 @ 3.20GHz	16174	141	40.62	\$398.14
Intel Xeon E5-2667 v4 @ 3.20GHz	16631	127	8.53	\$1,949.03*
Intel Xeon E5-2670 @ 2.60GHz	12370	253	176.72	\$70.00
Intel Xeon E5-2670 v2 @ 2.50GHz	15021	169	9.70	\$1,548.90
Intel Xeon E5-2670 v3 @ 2.30GHz	16647	126	107.41	\$154.99
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	136	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16401	132	23.43	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21458	58	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15137	167	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	110	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16993	119	NA	NA

Intel Xeon E5-2679 v4 @ 2.50GHz	25266	26	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12899	236	167.68	\$76.93
Intel Xeon E5-2680 v2 @ 2.80GHz	15890	150	88.77	\$179.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18467	100	61.76	\$299.00
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	76	13.18	\$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	69	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17325	112	33.97	\$509.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	93	8.62	\$2,208.93*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	170	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	91	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	78	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14339	188	69.27	\$207.00
Intel Xeon E5-2687W v2 @ 3.40GHz	16370	133	45.49	\$359.90*
Intel Xeon E5-2687W v3 @ 3.10GHz	17795	107	30.16	\$589.99
Intel Xeon E5-2687W v4 @ 3.00GHz	19863	77	9.13	\$2,174.99*
Intel Xeon E5-2689 @ 2.60GHz	13300	222	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	80	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13714	207	102.97	\$133.19
Intel Xeon E5-2690 v2 @ 3.00GHz	16406	131	38.53	\$425.80
Intel Xeon E5-2690 v3 @ 2.60GHz	19256	90	78.60	\$245.00
Intel Xeon E5-2690 v4 @ 2.60GHz	21167	62	9.75	\$2,169.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	145	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	16041	144	61.94	\$258.99*
Intel Xeon E5-2695 v3 @ 2.30GHz	19710	82	40.23	\$489.99
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	70	7.81	\$2,595.45
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	128	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22172	47	8.88	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	61	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17198	114	45.30	\$379.62
Intel Xeon E5-2697 v3 @ 2.60GHz	21412	60	47.96	\$446.50

Intel Xeon E5-2697 v4 @ 2.30GHz	21435	59	7.02	\$3,054.99*
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	45	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	64	28.47	\$739.00
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	54	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	46	18.51	\$1,209.00
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	40	6.98	\$3,359.50
Intel Xeon E5-4603 @ 2.00GHz	5014	922	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	445	NA	NA
Intel Xeon E5-4610 @ 2.40GHz	9552	412	7.81	\$1,223.00*
Intel Xeon E5-4610 v3 @ 1.70GHz	8853	493	7.26	\$1,219.00*
Intel Xeon E5-4617 @ 2.90GHz	9313	436	103.59	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	9248	441	68.91	\$134.21*
Intel Xeon E5-4627 v2 @ 3.30GHz	12511	250	24.58	\$508.95*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	183	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	159	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10807	311	3.96	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	244	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	292	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11685	276	166.96	\$69.99*
Intel Xeon E5-4650L @ 2.60GHz	12145	264	101.22	\$119.99*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	256	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	149	11.36	\$1,399.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	153	3.30	\$4,800.00*
Intel Xeon E5-4669 v3 @ 2.10GHz	19615	87	3.63	\$5,400.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	210	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1358	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2159	1701	93.93	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1593	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1672	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5205 @ 1.86GHz	1401	2062	148.77	\$9.42*

Intel Xeon E5240 @ 3.00GHz	2424	1594	27.31	\$88.78*
Intel Xeon E5310 @ 1.60GHz	2214	1682	45.19	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1644	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1563	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2886	1442	72.17	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2835	1452	70.97	\$39.95*
Intel Xeon E5410 @ 2.33GHz	3261	1304	15.61	\$208.95*
Intel Xeon E5420 @ 2.50GHz	3482	1251	55.31	\$62.95*
Intel Xeon E5430 @ 2.66GHz	3749	1182	33.78	\$110.99*
Intel Xeon E5440 @ 2.83GHz	3960	1132	40.00	\$99.00*
Intel Xeon E5450 @ 3.00GHz	4180	1088	77.42	\$54.00*
Intel Xeon E5462 @ 2.80GHz	3872	1147	141.84	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4084	1107	135.96	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	2076	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1381	2073	4.81	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2680	1503	38.32	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2974	1403	47.21	\$63.01*
Intel Xeon E5507 @ 2.27GHz	3125	1354	6.84	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4379	1049	306.91	\$14.27*
Intel Xeon E5530 @ 2.40GHz	4494	1025	345.72	\$13.00*
Intel Xeon E5540 @ 2.53GHz	4747	974	80.46	\$59.00*
Intel Xeon E5603 @ 1.60GHz	2366	1618	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1379	13.95	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3371	1277	48.71	\$69.21*
Intel Xeon E5620 @ 2.40GHz	4771	967	69.35	\$68.80
Intel Xeon E5630 @ 2.53GHz	5055	910	144.43	\$35.00*
Intel Xeon E5640 @ 2.67GHz	5250	875	187.60	\$27.99*
Intel Xeon E5645 @ 2.40GHz	6424	730	79.01	\$81.31
Intel Xeon E5649 @ 2.53GHz	6889	684	66.20	\$104.07
Intel Xeon E7320 @ 2.13GHz	2413	1598	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	590	40.54	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9467	418	43.04	\$219.99*

Intel Xeon E-2124G @ 3.40GHz	9891	378	38.94	\$254.00*
Intel Xeon E-2126G @ 3.30GHz	13583	212	45.28	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10882	306	39.20	\$277.64
Intel Xeon E-2136 @ 3.30GHz	15793	155	48.68	\$324.46*
Intel Xeon E-2144G @ 3.60GHz	11381	282	32.34	\$351.90*
Intel Xeon E-2146G @ 3.50GHz	15620	156	44.00	\$354.99*
Intel Xeon E-2174G @ 3.80GHz	12250	259	30.40	\$402.99*
Intel Xeon E-2176G @ 3.70GHz	15527	158	27.93	\$555.99*
Intel Xeon E-2176M @ 2.70GHz	13517	215	30.04	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	15838	154	30.17	\$524.99*
Intel Xeon E-2186M @ 2.90GHz	14519	182	23.31	\$623.00*
Intel Xeon E-2224 @ 3.40GHz	10241	343	51.72	\$198.00*
Intel Xeon E-2224G @ 3.50GHz	10008	365	45.91	\$218.00*
Intel Xeon E-2226G @ 3.40GHz	12887	237	49.57	\$260.00*
Intel Xeon E-2244G @ 3.80GHz	12782	241	46.99	\$272.00*
Intel Xeon E-2246G @ 3.60GHz	16714	123	53.74	\$311.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2274G @ 4.00GHz	12595	248	37.71	\$334.00*
Intel Xeon E-2276M @ 2.80GHz	14981	171	33.29	\$450.00*
Intel Xeon E-2286M @ 2.40GHz	18477	99	29.66	\$623.00*
Intel Xeon E-2288G @ 3.70GHz	19666	85	NA	NA
Intel Xeon Gold 5117 @ 2.00GHz	16672	125	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16435	130	15.66	\$1,049.36*
Intel Xeon Gold 5120 @ 2.20GHz	18253	102	11.69	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	104	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10896	305	8.55	\$1,274.02*
Intel Xeon Gold 5218 @ 2.30GHz	22576	44	16.55	\$1,363.94
Intel Xeon Gold 6126 @ 2.60GHz	19711	81	10.43	\$1,889.97
Intel Xeon Gold 6128 @ 3.40GHz	14941	173	8.49	\$1,759.75*
Intel Xeon Gold 6130 @ 2.10GHz	19643	86	10.14	\$1,937.79
Intel Xeon Gold 6132 @ 2.60GHz	23907	36	9.53	\$2,508.95*

Intel Xeon Gold 6134 @ 3.20GHz	18083	105	8.41	\$2,150.00
Intel Xeon Gold 6136 @ 3.00GHz	21061	63	8.06	\$2,613.59*
Intel Xeon Gold 6138 @ 2.00GHz	25774	21	9.55	\$2,698.95
Intel Xeon Gold 6140 @ 2.30GHz	23964	35	9.82	\$2,439.99*
Intel Xeon Gold 6144 @ 3.50GHz	19667	84	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	28	5.46	\$4,608.95*
Intel Xeon Gold 6148 @ 2.40GHz	25817	20	8.83	\$2,925.00*
Intel Xeon Gold 6152 @ 2.10GHz	23498	38	6.35	\$3,702.12*
Intel Xeon Gold 6154 @ 3.00GHz	27722	15	7.09	\$3,909.00*
Intel Xeon Gold 6210U @ 2.50GHz	28560	12	NA	NA
Intel Xeon Gold 6230 @ 2.10GHz	24600	29	12.33	\$1,994.95
Intel Xeon Gold 6242 @ 2.80GHz	25313	25	9.45	\$2,678.49
Intel Xeon Gold 6254 @ 3.10GHz	30018	8	8.09	\$3,709.00
Intel Xeon L3110 @ 3.00GHz	2273	1654	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1177	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2097	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3943	1138	8.82	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1860	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1655	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1650	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1707	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1482	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3014	1387	NA	NA
Intel Xeon L5410 @ 2.33GHz	3358	1278	33.56	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3501	1246	127.32	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3724	1187	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1190	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4324	1062	337.35	\$12.82*
Intel Xeon L5530 @ 2.40GHz	4389	1047	227.93	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4338	1058	206.69	\$20.99*
Intel Xeon L5638 @ 2.00GHz	5622	815	80.43	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6869	686	NA	NA

Intel Xeon L5640 @ 2.27GHz	6232	744	74.77	\$83.36*
Intel Xeon L7455 @ 2.13GHz	3836	1157	NA	NA
Intel Xeon MV 3.20GHz	683	2465	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Platinum 8124M @ 3.00GHz	26835	18	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	679	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	10	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	11	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	13	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	24434	33	2.80	\$8,725.00*
Intel Xeon Silver 4108 @ 1.80GHz	10838	310	27.62	\$392.43
Intel Xeon Silver 4109T @ 2.00GHz	10946	303	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11657	277	29.29	\$398.00
Intel Xeon Silver 4112 @ 2.60GHz	8611	513	16.75	\$513.99*
Intel Xeon Silver 4114 @ 2.20GHz	14279	189	21.65	\$659.44*
Intel Xeon Silver 4116 @ 2.10GHz	15509	160	16.44	\$943.13*
Intel Xeon Silver 4123 @ 3.00GHz	15185	165	NA	NA
Intel Xeon Silver 4208 @ 2.10GHz	13116	228	28.48	\$460.54
Intel Xeon Silver 4210 @ 2.20GHz	15974	147	29.04	\$550.00
Intel Xeon Silver 4214 @ 2.20GHz	17722	108	23.48	\$754.72
Intel Xeon Silver 4215 @ 2.50GHz	15200	164	20.29	\$749.00*
Intel Xeon Silver 4216 @ 2.10GHz	19538	88	19.41	\$1,006.58
Intel Xeon W3503 @ 2.40GHz	1756	1884	175.87	\$9.99*
Intel Xeon W3505 @ 2.53GHz	1844	1845	74.18	\$24.86*
Intel Xeon W3520 @ 2.67GHz	4940	935	102.93	\$48.00*
Intel Xeon W3530 @ 2.80GHz	5218	881	17.75	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5412	849	271.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5566	828	185.63	\$29.99*
Intel Xeon W3565 @ 3.20GHz	5778	796	289.05	\$19.99*
Intel Xeon W3570 @ 3.20GHz	6047	771	12.60	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6183	751	28.83	\$214.50*

Intel Xeon W3670 @ 3.20GHz	8021	566	16.04	\$499.99*
Intel Xeon W3680 @ 3.33GHz	8904	486	55.67	\$159.95*
Intel Xeon W3690 @ 3.47GHz	8980	476	74.84	\$120.00*
Intel Xeon W5580 @ 3.20GHz	5836	791	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6088	768	2.43	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	6981	670	29.70	\$235.05*
Intel Xeon W-2104 @ 3.20GHz	7475	625	29.32	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10667	319	33.44	\$318.99*
Intel Xeon W-2125 @ 4.00GHz	12316	254	25.19	\$488.94
Intel Xeon W-2133 @ 3.60GHz	14382	185	23.31	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16276	139	18.08	\$900.15*
Intel Xeon W-2140B @ 3.20GHz	18610	95	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19765	79	16.61	\$1,189.76*
Intel Xeon W-2150B @ 3.00GHz	21543	57	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21917	51	14.32	\$1,530.39*
Intel Xeon W-2170B @ 2.50GHz	24561	31	NA	NA
Intel Xeon W-2175 @ 2.50GHz	24454	32	11.60	\$2,107.66
Intel Xeon W-2195 @ 2.30GHz	24081	34	8.88	\$2,712.17
Intel Xeon W-3175X @ 3.10GHz	33538	3	11.15	\$3,009.19
Intel Xeon W-3265 @ 2.70GHz	31691	6	9.46	\$3,349.00*
Intel Xeon X3210 @ 2.13GHz	2740	1487	14.76	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1366	51.35	\$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	3398	1267	47.53	\$71.50*
Intel Xeon X3320 @ 2.50GHz	3306	1295	14.41	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3178	1333	164.16	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3340	1287	15.91	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1162	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1153	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3934	1141	24.91	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3983	1123	116.86	\$34.09*

Intel Xeon X3370 @ 3.00GHz	4293	1069	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4600	1002	9.02	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3342	1285	104.50	\$31.99*
Intel Xeon X3440 @ 2.53GHz	4511	1021	31.78	\$141.96*
Intel Xeon X3450 @ 2.67GHz	4747	972	59.39	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5147	894	14.42	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5327	867	43.79	\$121.68*
Intel Xeon X3480 @ 3.07GHz	5661	811	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1584	45.47	\$54.00*
Intel Xeon X5270 @ 3.50GHz	2553	1548	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1607	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3170	1336	10.23	\$309.95
Intel Xeon X5365 @ 3.00GHz	3524	1236	45.19	\$77.99*
Intel Xeon X5450 @ 3.00GHz	4106	1102	68.49	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4323	1063	43.33	\$99.78
Intel Xeon X5470 @ 3.33GHz	4578	1007	24.23	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4001	1119	17.78	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4529	1019	45.30	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	949	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5270	873	17.29	\$304.85*
Intel Xeon X5560 @ 2.80GHz	5405	852	159.04	\$33.99*
Intel Xeon X5570 @ 2.93GHz	5614	819	23.40	\$239.95
Intel Xeon X5647 @ 2.93GHz	5797	793	290.91	\$19.93*
Intel Xeon X5650 @ 2.67GHz	7298	644	248.35	\$29.39*
Intel Xeon X5660 @ 2.80GHz	7589	615	120.07	\$63.21
Intel Xeon X5667 @ 3.07GHz	6198	750	265.70	\$23.33*
Intel Xeon X5670 @ 2.93GHz	7813	591	229.80	\$34.00
Intel Xeon X5672 @ 3.20GHz	6461	726	143.61	\$44.99*
Intel Xeon X5675 @ 3.07GHz	7993	569	148.06	\$53.99
Intel Xeon X5677 @ 3.47GHz	6773	692	79.68	\$85.00
Intel Xeon X5679 @ 3.20GHz	8958	479	NA	NA
Intel Xeon X5680 @ 3.33GHz	8354	537	119.34	\$70.00

Intel Xeon X5687 @ 3.60GHz	6976	672	123.88	\$56.32*
Intel Xeon X5690 @ 3.47GHz	8791	495	71.47	\$123.00
Intel Xeon X5698 @ 4.40GHz	4272	1071	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1402	NA	NA
Mobile AMD Athlon 4	314	2768	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2723	NA	NA
Mobile AMD Athlon 64 2700+	398	2674	NA	NA
Mobile AMD Athlon 64 2800+	440	2625	NA	NA
Mobile AMD Athlon 64 3000+	450	2613	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon 64 3200+	448	2617	NA	NA
Mobile AMD Athlon 64 3400+	511	2556	NA	NA
Mobile AMD Athlon 64 3700+	435	2635	NA	NA
Mobile AMD Athlon 64 4000+	576	2517	NA	NA
Mobile AMD Athlon 1400+	266	2843	NA	NA
Mobile AMD Athlon 2500+	370	2707	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2844	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2697	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2797	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2567	NA	NA
Mobile AMD Athlon XP	572	2521	45.81	\$12.49
Mobile AMD Athlon XP-M	512	2555	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2925	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2847	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2849	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2756	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2792	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2740	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2786	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2717	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2735	NA	NA

<u>Mobile AMD Athlon XP-M 2500+</u>	346	2733	NA	NA
<u>Mobile AMD Athlon XP-M 2600+</u>	370	2706	NA	NA
<u>Mobile AMD Athlon XP-M 2800+</u>	365	2715	NA	NA
<u>Mobile AMD Athlon XP-M 3000+</u>	365	2714	NA	NA
<u>Mobile AMD Athlon XP-M 3100+</u>	440	2626	NA	NA
<u>Mobile AMD Athlon XP-M 3200+</u>	487	2573	NA	NA
<u>Mobile AMD Athlon XP-M (LV)</u>	508	2559	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 1500+</u>	288	2805	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 1600+</u>	296	2796	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 2000+</u>	335	2745	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 2200+</u>	373	2704	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 2800+</u>	475	2589	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 3200+</u>	505	2562	NA	NA
<u>Mobile AMD Sempron 2100+</u>	252	2858	NA	NA
<u>Mobile AMD Sempron 2600+</u>	394	2680	NA	NA
<u>Mobile AMD Sempron 2800+</u>	361	2720	NA	NA
<u>Mobile AMD Sempron 3000+</u>	389	2691	NA	NA
<u>Mobile AMD Sempron 3100+</u>	416	2648	NA	NA
<u>Mobile AMD Sempron 3200+</u>	354	2727	NA	NA
<u>Mobile AMD Sempron 3300+</u>	446	2621	NA	NA
<u>Mobile AMD Sempron 3400+</u>	441	2624	NA	NA
<u>Mobile AMD Sempron 3500+</u>	408	2657	NA	NA
<u>Mobile AMD Sempron 3600+</u>	427	2642	NA	NA
<u>Mobile AMD Sempron 3800+</u>	485	2578	NA	NA
<u>Mobile Intel Celeron 1.20GHz</u>	170	2936	NA	NA
<u>Mobile Intel Celeron 1.50GHz</u>	188	2920	NA	NA
<u>Mobile Intel Celeron 1.60GHz</u>	188	2921	NA	NA
<u>Mobile Intel Celeron 1.70GHz</u>	181	2929	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	2923	NA	NA
<u>Mobile Intel Celeron 2.00GHz</u>	204	2905	NA	NA

<u>Mobile Intel Celeron 2.20GHz</u>	226	2885	NA	NA
<u>Mobile Intel Celeron 2.40GHz</u>	236	2877	NA	NA
<u>Mobile Intel Celeron 2.50GHz</u>	281	2824	NA	NA
<u>Mobile Intel Celeron 1200MHz</u>	294	2798	NA	NA
<u>Mobile Intel Celeron 1333MHz</u>	280	2826	NA	NA
<u>Mobile Intel Pentium 4 2.30GHz</u>	278	2831	<u>6.38</u>	<u>\$43.56*</u>
<u>Mobile Intel Pentium 4 2.40GHz</u>	264	2846	NA	NA
<u>Mobile Intel Pentium 4 2.66GHz</u>	279	2828	NA	NA
<u>Mobile Intel Pentium 4 2.80GHz</u>	315	2766	NA	NA
<u>Mobile Intel Pentium 4 3.06GHz</u>	337	2742	NA	NA
<u>Mobile Intel Pentium 4 3.20GHz</u>	356	2724	NA	NA
<u>Mobile Intel Pentium 4 3.33GHz</u>	439	2627	NA	NA
<u>Mobile Intel Pentium 4 3.46GHz</u>	478	2587	NA	NA
<u>Mobile Intel Pentium 4 - M 1.60GHz</u>	195	2915	NA	NA
<u>Mobile Intel Pentium 4 - M 1.70GHz</u>	173	2935	<u>1.07</u>	<u>\$161.81</u>
<u>Mobile Intel Pentium 4 - M 1.80GHz</u>	175	2932	NA	NA
<u>Mobile Intel Pentium 4 - M 1.90GHz</u>	232	2880	NA	NA
<u>Mobile Intel Pentium 4 - M 2.00GHz</u>	202	2910	NA	NA
<u>Mobile Intel Pentium 4 - M 2.20GHz</u>	198	2912	NA	NA
<u>Mobile Intel Pentium 4 - M 2.40GHz</u>	213	2896	NA	NA
<u>Mobile Intel Pentium 4 - M 2.50GHz</u>	256	2853	NA	NA
<u>Mobile Intel Pentium 4 - M 2.60GHz</u>	313	2770	NA	NA
<u>Mobile Intel Pentium III - M 866MHz</u>	211	2899	NA	NA
<u>Mobile Intel Pentium III - M 933MHz</u>	200	2911	NA	NA
<u>Mobile Intel Pentium III - M 1000MHz</u>	250	2861	NA	NA
<u>Mobile Intel Pentium III - M 1133MHz</u>	289	2803	NA	NA
<u>Mobile Intel Pentium III - M 1200MHz</u>	224	2886	NA	NA
<u>Mobile Intel Pentium III - M 1333MHz</u>	289	2804	NA	NA
<u>Pentium Dual-Core E6000 @ 3.46GHz</u>	2501	1570	NA	NA
<u>Quad-Core AMD Opteron 1385</u>	3442	1259	<u>63.75</u>	<u>\$54.00*</u>
<u>Quad-Core AMD Opteron 1389</u>	3446	1258	NA	NA
<u>Six-Core AMD Opteron 2419 EE</u>	2925	1422	NA	NA

<u>VIA C3 Ezra</u>	100	2964	NA	NA
<u>VIA C7 1500MHz</u>	284	2815	NA	NA
<u>VIA C7-D 1500MHz</u>	287	2811	NA	NA
<u>VIA C7-D 1800MHz</u>	203	2907	NA	NA
<u>VIA C7-D 2000MHz</u>	368	2710	NA	NA
<u>VIA C7-M 1000MHz</u>	164	2938	NA	NA
<u>VIA C7-M 1200MHz</u>	140	2951	NA	NA
<u>VIA C7-M 1600MHz</u>	178	2931	NA	NA
<u>VIA C7-M 6300MHz</u>	222	2888	NA	NA
<u>VIA Eden 800MHz</u>	155	2942	NA	NA
<u>VIA Eden 1000MHz</u>	123	2959	NA	NA
<u>VIA Eden 1200MHz</u>	142	2950	NA	NA
<u>VIA Eden C1050@1.06GHz</u>	352	2730	NA	NA
<u>VIA Eden X2 U4200 @ 1.0+ GHz</u>	480	2585	NA	NA
<u>VIA Eden X4 C4250 @ 1.2+GHz</u>	1262	2146	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	2949	NA	NA
<u>VIA Esther 1300MHz</u>	250	2860	NA	NA
<u>VIA Esther 1500MHz</u>	219	2890	NA	NA
<u>VIA Esther 2000MHz</u>	394	2679	NA	NA
<u>VIA Nano L1900@1400MHz</u>	457	2607	NA	NA
<u>VIA Nano L2007@1600MHz</u>	369	2708	NA	NA
<u>VIA Nano L2100@1800MHz</u>	428	2640	NA	NA
<u>VIA Nano L2207@1600MHz</u>	296	2794	NA	NA
<u>VIA Nano L3025@1600MHz</u>	517	2552	NA	NA
<u>VIA Nano L3050@1800MHz</u>	581	2514	NA	NA
<u>VIA Nano L3600@2000MHz</u>	645	2481	NA	NA
<u>VIA Nano U2250 (1.6GHz Capable)</u>	415	2649	NA	NA
<u>VIA Nano U2250@1300+MHz</u>	274	2835	NA	NA
<u>VIA Nano U2500@1200MHz</u>	306	2777	NA	NA
<u>VIA Nano U3100 (1.6GHz Capable)</u>	501	2563	NA	NA

<u>VIA Nano U3300@1200MHz</u>	409	2656	NA	NA
<u>VIA Nano U3500@1000MHz</u>	275	2833	NA	NA
<u>VIA Nano X2 U4025 @ 1.2 GHz</u>	605	2499	NA	NA
<u>VIA Nehemiah</u>	155	2943	NA	NA
<u>VIA QuadCore C4650@2.0GHz</u>	1897	1818	NA	NA
<u>VIA QuadCore L4700 @ 1.2+ GHz</u>	1363	2084	NA	NA
<u>VIA QuadCore U4650 @ 1.0+ GHz</u>	1173	2193	NA	NA
<u>VIA Samuel 2</u>	79	2966	NA	NA
<u>ZHAOXIN KaiXian KX-U6780A@2.7GHz</u>	5760	802	NA	NA
<u>ZHAOXIN KaiXian ZX-C+ C4700@2.0GHz</u>	2069	1740	NA	NA

* - Last price seen from our affiliates.

Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>[3-Way] Intel Xeon X7460 @ 2.66GHz</u>	7672	330	<u>3.61</u>	<u>\$2,126.85*</u>
<u>[8-Way] Intel Xeon X7560 @ 2.27GHz</u>	17658	150	<u>100.33</u>	<u>\$176.00*</u>
<u>[Dual CPU] AMD Athlon 64 FX-72</u>	3163	436	NA	NA
<u>[Dual CPU] AMD Athlon 64 FX-74</u>	2945	442	<u>2.95</u>	<u>\$999.00*</u>
<u>[Dual CPU] AMD Athlon MP 2000+</u>	604	488	NA	NA
<u>[Dual CPU] AMD EPYC 7251</u>	12955	207	<u>14.26</u>	<u>\$908.36</u>
<u>[Dual CPU] AMD EPYC 7261</u>	12430	214	<u>14.18</u>	<u>\$876.30</u>

[Dual CPU] AMD EPYC 7281	13293	203	10.48	\$1,268.26
[Dual CPU] AMD EPYC 7371	19370	133	NA	NA
[Dual CPU] AMD EPYC 7401	23518	80	7.24	\$3,249.80
[Dual CPU] AMD EPYC 7451	28957	45	13.79	\$2,099.16
[Dual CPU] AMD EPYC 7501	28991	44	7.03	\$4,121.72
[Dual CPU] AMD EPYC 7551	31452	32	11.20	\$2,806.98
[Dual CPU] AMD EPYC 7601	33545	24	5.33	\$6,299.12
[Dual CPU] AMD EPYC 7742	55574	1	4.00	\$13,900.00*
[Dual CPU] AMD Opteron 246	1130	477	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	478	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	473	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	474	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	483	NA	NA
[Dual CPU] AMD Opteron 256	1853	470	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	468	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	464	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	467	13.00	\$164.10*
[Dual CPU] AMD Opteron 280	2452	459	18.86	\$130.00
[Dual CPU] AMD Opteron 285	2769	449	17.32	\$159.90
[Dual CPU] AMD Opteron 290	2716	451	10.06	\$270.00*
[Dual CPU] AMD Opteron 850	1410	475	0.47	\$3,028.00*
[Dual CPU] AMD Opteron 885	2851	445	NA	NA
[Dual CPU] AMD Opteron 2212	2203	465	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	460	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	458	NA	NA
[Dual CPU] AMD Opteron 2216	2485	457	48.16	\$51.60
[Dual CPU] AMD Opteron 2216 HE	2593	453	NA	NA
[Dual CPU] AMD Opteron 2218	2719	450	17.00	\$159.90
[Dual CPU] AMD Opteron 2218 HE	2514	454	NA	NA
[Dual CPU] AMD Opteron 2220	2854	444	17.85	\$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	443	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	440	0.90	\$3,329.96*

[Dual CPU] AMD Opteron 2222 SE	3257	434	45.30	\$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	424	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	431	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	425	25.50	\$159.90*
[Dual CPU] AMD Opteron 2354	4554	413	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	416	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	395	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	422	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	409	36.92	\$130.00
[Dual CPU] AMD Opteron 2376	5238	396	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	394	14.85	\$358.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2380	5754	380	63.93	\$90.00
[Dual CPU] AMD Opteron 2384	5714	382	3.40	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	368	NA	NA
[Dual CPU] AMD Opteron 2389	5677	383	48.11	\$118.00*
[Dual CPU] AMD Opteron 2419	5191	398	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	369	NA	NA
[Dual CPU] AMD Opteron 2427	5907	378	45.44	\$130.00
[Dual CPU] AMD Opteron 2431	6438	362	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7068	346	54.37	\$130.00
[Dual CPU] AMD Opteron 2439 SE	8071	316	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	426	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	385	24.58	\$229.90*
[Dual CPU] AMD Opteron 4170 HE	6344	365	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	363	7.77	\$819.90*
[Dual CPU] AMD Opteron 4184	7813	321	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	315	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	318	NA	NA
[Dual CPU] AMD Opteron 4234	8953	290	19.46	\$459.98*
[Dual CPU] AMD Opteron 4274 HE	6797	353	84.98	\$79.98*

[Dual CPU] AMD Opteron 4276 HE	9681	274	NA	NA
[Dual CPU] AMD Opteron 4280	4525	414	45.25	\$100.00*
[Dual CPU] AMD Opteron 4284	9151	283	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9462	281	21.86	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	254	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	262	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11410	235	40.75	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	354	169.13	\$39.98
[Dual CPU] AMD Opteron 6128 HE	5582	388	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	300	NA	NA
[Dual CPU] AMD Opteron 6134	7586	332	86.22	\$87.98*
[Dual CPU] AMD Opteron 6136	7255	340	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	401	NA	NA
[Dual CPU] AMD Opteron 6168	7741	327	6.67	\$1,159.90
[Dual CPU] AMD Opteron 6172	7621	331	19.24	\$396.00
[Dual CPU] AMD Opteron 6174	7783	322	59.87	\$130.00
[Dual CPU] AMD Opteron 6176 SE	8448	305	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	437	16.40	\$189.90
[Dual CPU] AMD Opteron 6204	7134	342	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	294	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	249	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	267	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	256	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	9841	271	61.54	\$159.90
[Dual CPU] AMD Opteron 6274	10536	251	117.09	\$89.98
[Dual CPU] AMD Opteron 6275	10900	247	NA	NA
[Dual CPU] AMD Opteron 6276	10101	266	29.88	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	228	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8349	307	13.47	\$619.96
[Dual CPU] AMD Opteron 6320	10716	250	20.88	\$513.18
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

[Dual CPU] AMD Opteron 6328	12013	227	10.09	\$1,190.00
[Dual CPU] AMD Opteron 6344	11203	240	14.40	\$778.00*
[Dual CPU] AMD Opteron 6348	11412	234	18.64	\$612.20
[Dual CPU] AMD Opteron 6366 HE	12147	221	202.52	\$59.98*
[Dual CPU] AMD Opteron 6376	10452	253	80.40	\$130.00
[Dual CPU] AMD Opteron 6378	9145	284	24.07	\$380.00
[Dual CPU] AMD Opteron 6380	14200	186	120.34	\$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	220	42.05	\$289.98
[Dual CPU] AMD Opteron 8218	2831	446	61.54	\$46.00*
[Dual CPU] AMD Opteron 8220	2510	455	15.70	\$159.90
[Dual CPU] AMD Opteron 8222 SE	2793	448	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	435	67.15	\$48.00
[Dual CPU] AMD Opteron 8380	5643	386	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	397	NA	NA
[Dual CPU] AMD Opteron 8389	6517	359	41.25	\$158.00*
[Dual CPU] AMD Opteron 8431	5813	379	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	355	46.80	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	329	64.09	\$120.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	476	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	462	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	430	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	319	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	497	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	495	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	492	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	540	491	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	498	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	499	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	496	NA	NA

[Dual CPU] Intel Xeon 2.40GHz	473	494	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	489	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	679	485	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	484	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	487	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	482	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	481	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	927	480	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	469	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	479	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	466	30.53	\$70.00*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2315	461	0.71	\$3,239.98*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	452	26.73	\$97.98
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	438	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2975	441	59.52	\$49.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	439	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3409	432	12.18	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3826	428	51.03	\$74.98*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8929	293	18.64	\$479.06
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11012	244	15.45	\$712.54*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	370	26.04	\$238.26
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	367	87.58	\$71.98*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	338	43.00	\$169.84*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	286	49.14	\$183.50
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11299	237	14.49	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	229	113.06	\$105.34*
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	310	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13220	206	65.37	\$202.24

[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	190	142.59	\$96.52*
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	10818	248	167.57	\$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	217	NA	NA
[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	12419	215	155.28	\$79.98
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	208	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2448L @ 1.80GHz	11334	236	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15680	170	124.48	\$125.96
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	15106	178	48.73	\$310.00*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11664	231	44.86	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	13442	200	52.51	\$256.00*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	141	41.83	\$444.00
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	366	66.25	\$95.70
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	358	54.34	\$119.98*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	306	62.24	\$134.46
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8932	292	17.18	\$520.00*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8162	313	42.49	\$192.08*
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	9017	287	94.92	\$95.00
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	269	47.29	\$212.06
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	245	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12248	219	211.25	\$57.98
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13225	205	165.35	\$79.98
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15265	175	109.05	\$139.98
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16453	159	20.58	\$799.32
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14339	185	11.05	\$1,298.00*
[Dual CPU] Intel Xeon E5-2623 v4 @	12620	211	11.49	\$1,098.00*

<u>2.60GHz</u>				
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	183	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13491	199	168.89	\$79.88*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15943	165	181.42	\$87.88
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18498	145	94.38	\$196.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18725	140	14.21	\$1,317.40*
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11172	241	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	192	175.27	\$78.20*
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	177	22.33	\$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7706	328	4.35	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15884	167	93.45	\$169.98*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16401	160	49.64	\$330.38
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16703	158	7.67	\$2,178.30
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14644	182	122.14	\$119.90
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14505	184	39.25	\$369.52
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19875	125	73.61	\$270.00
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20530	119	11.15	\$1,840.54*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13673	193	114.04	\$119.90
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20664	116	49.20	\$419.98
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21029	110	42.06	\$500.00*
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	103	6.44	\$3,342.50*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12399	216	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	189	4.67	\$2,958.00*

[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	147	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15056	179	167.29	\$90.00
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18872	138	130.96	\$144.10
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20337	121	78.23	\$259.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20809	114	10.31	\$2,018.00
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	13621	196	86.21	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14152	187	52.09	\$271.68*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	111	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2652 v3 @ 2.30GHz	19588	128	8.36	\$2,342.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13855	188	4.74	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	139	52.29	\$359.98*
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	132	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	149	4.85	\$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16378	161	62.09	\$263.78
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17795	148	51.14	\$347.96*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22658	93	36.62	\$618.80
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23086	86	7.70	\$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	85	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17026	154	83.16	\$204.74
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	71	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16376	162	158.38	\$103.40*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22686	92	34.37	\$660.00
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22605	94	28.39	\$796.28
[Dual CPU] Intel Xeon E5-2667 v4 @	22916	88	5.88	\$3,898.06*

<u>3.20GHz</u>				
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18164	146	129.74	\$140.00
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20611	118	6.65	\$3,097.80
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22298	97	71.93	\$309.98
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	82	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	21751	102	15.54	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	61	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19762	126	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21434	107	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	39	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18555	144	120.60	\$153.86
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21461	104	59.95	\$358.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24220	77	40.50	\$598.00
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22761	91	7.54	\$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	155	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21194	109	20.78	\$1,019.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	69	5.66	\$4,417.86*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	99	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26907	58	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	48	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 E5-2687W @ 3.10GHz	20785	115	50.21	\$414.00
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23315	83	32.39	\$719.80*

[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24293	76	20.59	\$1,179.98
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26649	59	6.13	\$4,349.98*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19404	131	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	25703	66	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19636	127	73.71	\$266.38
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23619	79	27.73	\$851.60
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25801	65	52.66	\$490.00
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27411	55	6.32	\$4,339.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20840	113	40.23	\$517.98*
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24793	72	25.30	\$979.98
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	75	4.75	\$5,190.90
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23501	81	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	37	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31774	31	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23312	84	30.70	\$759.24
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27386	56	30.67	\$893.00
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30440	36	4.98	\$6,109.98*
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	29185	43	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	28325	51	19.16	\$1,478.00
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	35	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	29	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	78	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @	26341	62	10.89	\$2,418.00

<u>2.30GHz</u>				
[Dual CPU] <u>Intel Xeon E5-2699 v4 @ 2.20GHz</u>	34013	22	5.06	\$6,719.00
[Dual CPU] <u>Intel Xeon E5-2699C v4 @ 2.20GHz</u>	20653	117	NA	NA
[Dual CPU] <u>Intel Xeon E5-4617 @ 2.90GHz</u>	15383	173	85.56	\$179.80*
[Dual CPU] <u>Intel Xeon E5-4627 v2 @ 3.30GHz</u>	19491	130	19.15	\$1,017.90*
[Dual CPU] <u>Intel Xeon E5-4640 @ 2.40GHz</u>	15897	166	2.91	\$5,460.00*
[Dual CPU] <u>Intel Xeon E5-4640 v2 @ 2.20GHz</u>	19209	135	35.31	\$544.08*
[Dual CPU] <u>Intel Xeon E5-4640 v3 @ 1.90GHz</u>	20468	120	NA	NA
[Dual CPU] <u>Intel Xeon E5-4640 v4 @ 2.10GHz</u>	19583	129	NA	NA
[Dual CPU] <u>Intel Xeon E5-4650 @ 2.70GHz</u>	18565	142	132.63	\$139.98*
[Dual CPU] <u>Intel Xeon E5-4650 v3 @ 2.10GHz</u>	14876	180	1.94	\$7,676.00*
[Dual CPU] <u>Intel Xeon E5-4650 v4 @ 2.20GHz</u>	21855	101	2.85	\$7,676.00*
[Dual CPU] <u>Intel Xeon E5-4650L @ 2.60GHz</u>	13742	191	57.26	\$239.98*
[Dual CPU] <u>Intel Xeon E5-4660 v3 @ 2.10GHz</u>	22461	95	2.34	\$9,600.00*
[Dual CPU] <u>Intel Xeon E5-4669 v3 @ 2.10GHz</u>	27457	54	2.54	\$10,800.00*
[Dual CPU] <u>Intel Xeon E7-2850 @ 2.00GHz</u>	12145	222	44.98	\$270.00*
[Dual CPU] <u>Intel Xeon E7-4820 v3 @ 1.90GHz</u>	15686	169	NA	NA
[Dual CPU] <u>Intel Xeon E7-4830 @ 2.13GHz</u>	9539	280	147.66	\$64.60*
[Dual CPU] <u>Intel Xeon E7-4890 v2 @ 2.80GHz</u>	22412	96	1.81	\$12,400.00*
[Dual CPU] <u>Intel Xeon E7- 2870 @ 2.40GHz</u>	12016	226	1.42	\$8,454.00*
[Dual CPU] <u>Intel Xeon E7- 4870 @ 2.40GHz</u>	15263	176	40.38	\$378.00*
[Dual CPU] <u>Intel Xeon E7- 8837 @ 2.67GHz</u>	10965	246	27.41	\$399.98*
[Dual CPU] <u>Intel Xeon E7- 8870 @ 2.40GHz</u>	10207	264	1.02	\$10,017.02*
[Dual CPU] <u>Intel Xeon E5205 @ 1.86GHz</u>	2279	463	120.97	\$18.84*
[Dual CPU] <u>Intel Xeon E5240 @ 3.00GHz</u>	4038	427	22.74	\$177.56*
CPU Name	Passmark CPU Mark	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

	(higher is better)			
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3554	429	36.27	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4166	421	53.75	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	404	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	412	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5120	400	64.02	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5138	399	64.31	\$79.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6008	375	14.38	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6348	364	50.42	\$125.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6831	352	30.77	\$221.98*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7126	343	35.99	\$198.00*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7499	335	69.44	\$108.00*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7093	345	129.91	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7774	323	129.39	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2492	456	13.12	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2805	447	4.89	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4878	408	34.87	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4990	403	39.60	\$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	391	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7300	339	255.78	\$28.54*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7576	333	291.38	\$26.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7753	325	65.70	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	423	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	389	12.57	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5947	377	42.96	\$138.42*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	7987	317	58.05	\$137.60
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8329	308	118.99	\$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8662	299	154.73	\$55.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10237	263	62.95	\$162.62
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10259	260	49.29	\$208.14
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	390	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	393	29.87	\$179.98*

[Dual CPU] Intel Xeon E7540 @ 2.00GHz	6738	356	210.96	\$31.94*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	100	8.41	\$2,618.10*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21437	105	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	108	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22810	90	10.87	\$2,098.72*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	68	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17463	151	6.85	\$2,548.04*
[Dual CPU] Intel Xeon Gold 5217 @ 3.00GHz	22282	98	7.32	\$3,044.00*
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	57	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	22983	87	6.92	\$3,319.90*
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	137	7.83	\$2,442.00*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28610	49	7.57	\$3,779.94
[Dual CPU] Intel Xeon Gold 6126T @ 2.60GHz	19161	136	5.14	\$3,730.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22875	89	6.50	\$3,519.50*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26585	60	6.86	\$3,875.58
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	53	5.48	\$5,017.90*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	24666	74	5.74	\$4,300.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29957	38	5.73	\$5,227.18*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	52	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34125	21	6.32	\$5,397.90
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	28	6.68	\$4,879.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	46	4.72	\$6,116.66*
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	29907	40	NA	NA
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28802	47	4.92	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29655	41	3.22	\$9,217.90*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36731	15	6.28	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32941	27	5.01	\$6,569.90*
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33142	25	4.48	\$7,404.24*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	13	4.75	\$7,818.00*

[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	24959	70	5.62	\$4,440.00*
[Dual CPU] Intel Xeon Gold 6242 @ 2.80GHz	33019	26	6.16	\$5,356.98
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31379	33	4.82	\$6,509.68*
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	33741	23	5.13	\$6,572.00*
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38755	8	5.87	\$6,599.98*
[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz	37405	11	4.68	\$7,999.98*
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41159	4	5.55	\$7,418.00
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	415	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	419	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	406	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	387	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	372	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6453	361	117.33	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	374	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	405	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	350	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6961	349	271.49	\$25.64*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7553	334	196.08	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	6973	348	166.10	\$41.98*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8693	297	62.18	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9607	277	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9670	275	58.00	\$166.72*
[Dual CPU] Intel Xeon MP 2.50GHz	550	490	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	493	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	486	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	471	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36271	17	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	37838	10	2.46	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	42	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	7	3.33	\$11,780.00*

[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36410	16	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	18	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	12	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Platinum 8260 @ 2.40GHz	38657	9	4.11	\$9,404.00*
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	5	2.93	\$14,017.56
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	164	20.35	\$784.86
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16728	157	21.02	\$796.00
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	197	13.24	\$1,027.98*
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	19256	134	14.60	\$1,318.88*
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	106	11.36	\$1,886.26*
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	124	19.96	\$1,002.00*
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz	25402	67	16.83	\$1,509.44
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10062	268	47.01	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10249	261	2.04	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	259	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	410	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	411	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	407	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5737	381	9.25	\$619.90
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6198	371	39.74	\$155.98*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7436	336	62.01	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7817	320	39.17	\$199.56
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	314	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7769	324	17.26	\$450.00*

[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8170	312	40.85	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8672	298	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8758	295	14.36	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	8998	288	132.36	\$67.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9279	282	19.34	\$479.90
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9642	276	241.90	\$39.86*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11238	238	191.19	\$58.78*
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11648	232	92.14	\$126.42
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10289	258	220.51	\$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12082	223	177.68	\$68.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10320	257	114.69	\$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12446	212	115.26	\$107.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11157	242	65.63	\$170.00
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13428	201	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13340	202	95.29	\$140.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11742	230	104.24	\$112.64*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13662	194	55.54	\$246.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	304	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	357	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	296	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7542 @ 2.67GHz	8972	289	13.22	\$678.48*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	270	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11230	239	255.23	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	420	46.34	\$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	402	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	418	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	417	33.66	\$130.00
[Dual CPU] Quad-Core AMD Opteron 8378	5382	392	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	351	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	384	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	376	NA	NA

[Quad CPU] AMD Opteron 6128 HE	8323	309	NA	NA
[Quad CPU] AMD Opteron 6136	9767	272	22.20	\$440.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 6174	8594	302	33.05	\$260.00
[Quad CPU] AMD Opteron 6272	12292	218	38.44	\$319.80
[Quad CPU] AMD Opteron 6274	10488	252	58.28	\$179.96
[Quad CPU] AMD Opteron 6276	15342	174	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	224	24.31	\$495.80
[Quad CPU] AMD Opteron 6282 SE	11044	243	4.31	\$2,560.00
[Quad CPU] AMD Opteron 6376	13257	204	50.99	\$260.00
[Quad CPU] AMD Opteron 6378	20859	112	27.45	\$760.00
[Quad CPU] AMD Opteron 6380	12442	213	52.72	\$236.00
[Quad CPU] AMD Opteron 8360 SE	6490	360	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	373	NA	NA
[Quad CPU] AMD Opteron 8382	8553	303	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	337	NA	NA
[Quad CPU] AMD Opteron 8431	8252	311	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	344	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	291	37.26	\$240.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	472	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	433	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	156	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	14669	181	27.32	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	195	42.59	\$319.96*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	73	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	20036	123	18.41	\$1,088.16*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	17127	153	61.18	\$279.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	63	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650L @ 2.60GHz	18557	143	38.66	\$479.96*

[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	34	2.14	\$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	122	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4830 @ 2.13GHz	13606	198	105.31	\$129.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	163	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	20	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	50	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	30	NA	NA
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	36830	14	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	15433	171	96.48	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17398	152	131.84	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15429	172	20.41	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	210	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	168	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	347	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	326	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	265	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	278	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	285	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	64	5.13	\$5,096.08*
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	19	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	6	2.75	\$14,808.48*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	273	NA	NA
[Quad CPU] Intel Xeon L7555 @ 1.87GHz	10406	255	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	3	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	279	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	225	4.24	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	301	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	233	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	12824	209	145.73	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	341	27.58	\$260.00

* - Last price seen from our affiliates.

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