

CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

CPU List

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

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Single CPU Systems

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- Low End

[Best Value \(On Market\)](#)

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- Best Value (All time)

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2823	NA	NA
AMD A4 Micro-6400T APU	1544	2013	NA	NA
AMD A4 PRO-3340B	2402	1617	NA	NA
AMD A4 PRO-7300B APU	2353	1638	NA	NA
AMD A4 PRO-7350B	2227	1691	NA	NA
AMD A4-1200 APU	632	2503	NA	NA
AMD A4-1250 APU	622	2510	NA	NA
AMD A4-3300 APU	1503	2038	115.75	\$12.99
AMD A4-3300M APU	1188	2202	39.62	\$29.99*
AMD A4-3305M APU	1227	2180	39.85	\$30.81
AMD A4-3310MX APU	1286	2143	NA	NA
AMD A4-3320M APU	1253	2166	34.93	\$35.90
AMD A4-3330MX APU	1218	2184	NA	NA
AMD A4-3400 APU	1593	1997	18.12	\$87.95
AMD A4-3420 APU	1664	1957	NA	NA
AMD A4-4000 APU	1831	1871	14.27	\$128.27*
AMD A4-4020 APU	1909	1828	23.00	\$83.00
AMD A4-4300M APU	1613	1985	40.48	\$39.86
AMD A4-4355M APU	1177	2206	NA	NA

Most
Benchmarked

 **CPU Benchmarks** ▼

 Market Share

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5050 APU	2124	1731	NA	NA
AMD A4-5100 APU	2060	1758	NA	NA
AMD A4-5150M APU	1864	1852	NA	NA
AMD A4-5300 APU	2018	1775	18.30	\$110.32*
AMD A4-5300B APU	2149	1718	56.56	\$38.00*
AMD A4-6210 APU	2172	1708	NA	NA
AMD A4-6250J APU	2553	1562	NA	NA
AMD A4-6300 APU	2225	1692	48.87	\$45.55*
AMD A4-6300B APU	2159	1716	21.59	\$100.00*
AMD A4-6320 APU	2329	1641	33.29	\$69.99*
AMD A4-7210 APU	2529	1569	NA	NA
AMD A4-7300 APU	2312	1650	20.65	\$112.00
AMD A4-9120	1949	1807	NA	NA
AMD A4-9120C	1539	2016	NA	NA
AMD A4-9125	2001	1781	NA	NA
AMD A6 Micro-6500T APU	1834	1868	NA	NA
AMD A6 PRO-7050B APU	1616	1983	NA	NA
AMD A6 PRO-7400B	2621	1535	NA	NA
AMD A6-1450 APU	1539	2017	NA	NA
AMD A6-3400M APU	1888	1841	63.01	\$29.97*
AMD A6-3410MX APU	2058	1761	515.98	\$3.99*
AMD A6-3420M APU	2004	1780	NA	NA
AMD A6-3430MX APU	2200	1702	NA	NA
AMD A6-3500 APU	2030	1770	50.78	\$39.99*
AMD A6-3600 APU	2707	1513	117.76	\$22.99*
AMD A6-3620 APU	2793	1482	46.57	\$59.99*
AMD A6-3650 APU	3143	1365	98.26	\$31.99*
AMD A6-3670 APU	3166	1353	5.19	\$610.00*
AMD A6-4400M APU	1643	1969	205.72	\$7.99*
AMD A6-4455M APU	1286	2144	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	2436	1606	NA	NA
AMD A6-5345M APU	1476	2049	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
AMD A6-5357M APU	1953	1805	NA	NA
AMD A6-5400B APU	2250	1680	21.43	\$105.04*
AMD A6-5400K APU	2160	1714	34.83	\$62.02
AMD A6-6310 APU	2467	1596	NA	NA
AMD A6-6400B APU	2281	1664	NA	NA
AMD A6-6400K APU	2313	1648	28.46	\$81.27
AMD A6-6420B APU	2612	1538	NA	NA
AMD A6-6420K APU	2388	1625	15.92	\$149.99*
AMD A6-7000	1667	1954	NA	NA
AMD A6-7310 APU	2673	1521	NA	NA
AMD A6-7400K APU	2783	1487	38.24	\$72.79
AMD A6-7470K	2727	1506	20.52	\$132.91
AMD A6-7480	3137	1366	71.33	\$43.99*
AMD A6-8500P	2202	1701	NA	NA
AMD A6-8550	3032	1399	NA	NA
AMD A6-9200	1747	1904	NA	NA
AMD A6-9210	1764	1894	NA	NA
AMD A6-9220	2166	1712	NA	NA
AMD A6-9220C	1974	1793	NA	NA
AMD A6-9220e	1629	1978	NA	NA
AMD A6-9225	2130	1726	NA	NA
AMD A6-9230	2102	1739	NA	NA
AMD A6-9500	3054	1393	59.60	\$51.25
AMD A6-9500E	2889	1455	39.85	\$72.50*
AMD A8 PRO-7150B APU	2655	1525	NA	NA
AMD A8 PRO-7600B APU	4752	985	NA	NA
AMD A8-3500M APU	1980	1788	28.31	\$69.95
AMD A8-3510MX APU	2414	1612	NA	NA
AMD A8-3520M APU	2170	1710	NA	NA
AMD A8-3530MX APU	2354	1636	NA	NA
AMD A8-3550MX APU	2610	1539	NA	NA
AMD A8-3800 APU	3011	1403	52.84	\$56.99*
AMD A8-3820 APU	3106	1376	24.86	\$124.99*
AMD A8-3850 APU	3458	1271	32.72	\$105.68*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-3500M APU	2665	1523	NA	NA
AMD A8-4500M APU	2665	1523	NA	NA
AMD A8-4555M APU	2123	1732	NA	NA
AMD A8-5500 APU	3998	1135	70.77	\$56.50*
AMD A8-5500B APU	4045	1127	NA	NA
AMD A8-5545M APU	2582	1549	NA	NA
AMD A8-5550M APU	3003	1408	NA	NA
AMD A8-5557M APU	2956	1424	NA	NA
AMD A8-5600K APU	4341	1071	18.93	\$229.30
AMD A8-6410 APU	2575	1553	NA	NA
AMD A8-6500 APU	4393	1061	46.26	\$94.99*
AMD A8-6500B APU	4612	1012	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	1317	NA	NA
AMD A8-6600K APU	4592	1020	47.35	\$96.99*
AMD A8-7050	1824	1873	NA	NA
AMD A8-7100 APU	2803	1481	NA	NA
AMD A8-7200P	3338	1303	NA	NA
AMD A8-7410 APU	2748	1500	NA	NA
AMD A8-7600 APU	5063	924	34.46	\$146.94*
AMD A8-7650K	4932	952	42.90	\$114.99
AMD A8-7670K	5083	917	31.56	\$161.10*
AMD A8-7680	5322	884	88.73	\$59.99*
AMD A8-8600P	3248	1323	NA	NA
AMD A8-8650	5465	860	NA	NA
AMD A8-9600	4967	946	71.01	\$69.95
AMD A9-9400	2306	1652	NA	NA
AMD A9-9410	2544	1567	NA	NA
AMD A9-9420	2340	1640	NA	NA
AMD A9-9420e	1792	1886	NA	NA
AMD A9-9425	2498	1585	NA	NA
AMD A9-9430	2524	1572	NA	NA
AMD A10 Micro-6700T APU	1970	1795	NA	NA
AMD A10 PRO-7350B APU	3157	1358	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-7850B APU	5380	873	NA	NA
AMD A10-4600M APU	3115	1375	38.96	\$79.95*
AMD A10-4655M APU	2605	1541	NA	NA
AMD A10-4657M APU	2906	1443	NA	NA
AMD A10-5700 APU	4214	1098	65.35	\$64.50*
AMD A10-5745M APU	2764	1494	NA	NA
AMD A10-5750M APU	3341	1301	NA	NA
AMD A10-5757M APU	3084	1382	NA	NA
AMD A10-5800B APU	4614	1011	NA	NA
AMD A10-5800K APU	4649	1003	31.00	\$149.99*
AMD A10-6700 APU	4605	1015	39.37	\$116.99*
AMD A10-6700T APU	3693	1211	25.02	\$147.61*
AMD A10-6790K APU	4718	991	49.68	\$94.99*
AMD A10-6800B APU	4822	972	NA	NA
AMD A10-6800K APU	4858	969	55.36	\$87.76*
AMD A10-7300 APU	2905	1445	NA	NA
AMD A10-7400P	3606	1230	NA	NA
AMD A10-7700K APU	5120	912	40.81	\$125.47*
AMD A10-7800 APU	4974	944	48.11	\$103.39*
AMD A10-7850K APU	5469	858	32.68	\$167.33*
AMD A10-7860K	5045	929	28.83	\$175.00*
AMD A10-7870K	5476	856	24.12	\$226.99*
AMD A10-7890K	5706	824	28.53	\$199.99*
AMD A10-8700P	3442	1275	NA	NA
AMD A10-8750	5064	923	NA	NA
AMD A10-8850	5604	836	NA	NA
AMD A10-9600P	3766	1190	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9620P	3679	1214	NA	NA
AMD A10-9630P	4474	1044	NA	NA
AMD A10-9700	5383	872	64.59	\$83.35
AMD A10-9700E	4747	988	43.17	\$109.98
AMD A12-9700P	3712	1207	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
AMD A12-9730P	4417	1058	NA	NA
AMD A12-9800	5584	838	37.67	\$148.24*
AMD A12-9800E	5087	916	38.72	\$131.38*
AMD Athlon64 X2 Dual Core 4600+	1108	2248	NA	NA
AMD Athlon 4	279	2843	4.00	\$69.99
AMD Athlon 64 2000+	116	2977	NA	NA
AMD Athlon 64 2200+	575	2535	NA	NA
AMD Athlon 64 2600+	374	2717	NA	NA
AMD Athlon 64 2800+	438	2646	4.38	\$99.99*
AMD Athlon 64 3000+	464	2614	7.74	\$60.00
AMD Athlon 64 3200+	492	2585	3.29	\$149.95*
AMD Athlon 64 3300+	576	2534	NA	NA
AMD Athlon 64 3400+	545	2545	NA	NA
AMD Athlon 64 3500+	541	2551	4.97	\$108.95
AMD Athlon 64 3600+	601	2519	NA	NA
AMD Athlon 64 3700+	598	2520	8.67	\$69.00*
AMD Athlon 64 3800+	589	2524	3.28	\$179.95*
AMD Athlon 64 4000+	608	2514	3.32	\$183.27*
AMD Athlon 64 FX-25	794	2430	NA	NA
AMD Athlon 64 FX-34	380	2710	NA	NA
AMD Athlon 64 FX-51	437	2647	NA	NA
AMD Athlon 64 FX-53	646	2495	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2460	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2456	NA	NA
AMD Athlon 64 FX-59	715	2463	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2148	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	2002	NA	NA
AMD Athlon 64 FX-72	1794	1884	NA	NA
AMD Athlon 64 FX-74	1495	2042	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2343	NA	NA
AMD Athlon 64 X2 4200+	1285	2145	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2316	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2337	16.03	\$60.00
AMD Athlon 64 X2 Dual Core 3800+	999	2310	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon 64 X2 Dual Core 4200+</u>	1098	2251	<u>5.49</u>	<u>\$199.95</u>
<u>AMD Athlon 64 X2 Dual Core 4400+</u>	1144	2230	<u>19.08</u>	<u>\$60.00</u>
<u>AMD Athlon 64 X2 Dual Core 4600+</u>	1219	2183	<u>3.39</u>	<u>\$359.95</u>
<u>AMD Athlon 64 X2 Dual Core 4800+</u>	1253	2167	<u>2.73</u>	<u>\$459.95*</u>
<u>AMD Athlon 64 X2 Dual Core 5000+</u>	1313	2125	<u>3.96</u>	<u>\$331.49*</u>
<u>AMD Athlon 64 X2 Dual Core 5200+</u>	1381	2089	<u>23.03</u>	<u>\$60.00</u>
<u>AMD Athlon 64 X2 Dual Core 5400+</u>	1450	2060	<u>27.37</u>	<u>\$52.99*</u>
<u>AMD Athlon 64 X2 Dual Core 5600+</u>	1485	2046	<u>8.25</u>	<u>\$179.95</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon 64 X2 Dual Core 5800+</u>	1516	2028	<u>60.68</u>	<u>\$24.99*</u>
<u>AMD Athlon 64 X2 Dual Core 6000+</u>	1603	1989	<u>34.90</u>	<u>\$45.95</u>
<u>AMD Athlon 64 X2 Dual Core 6400+</u>	1784	1888	<u>6.87</u>	<u>\$259.95</u>
<u>AMD Athlon 64 X2 Dual Core BE-230</u>	1095	2254	NA	NA
<u>AMD Athlon 64 X2 Dual Core BE-2300</u>	1082	2265	NA	NA
<u>AMD Athlon 64 X2 Dual Core BE-2350</u>	1044	2282	NA	NA
<u>AMD Athlon 64 X2 Dual Core TK-53</u>	839	2407	<u>28.02</u>	<u>\$29.97*</u>
<u>AMD Athlon 64 X2 Dual Core TK-55</u>	839	2409	<u>14.53</u>	<u>\$57.74*</u>
<u>AMD Athlon 64 X2 Dual Core TK-57</u>	971	2331	NA	NA
<u>AMD Athlon 64 X2 Dual-Core TK-42</u>	877	2387	NA	NA
<u>AMD Athlon 64 X2 Dual-Core TK-53</u>	820	2416	NA	NA
<u>AMD Athlon 64 X2 Dual-Core TK-55</u>	870	2390	<u>11.97</u>	<u>\$72.74*</u>
<u>AMD Athlon 64 X2 Dual-Core TK-57</u>	924	2366	NA	NA
<u>AMD Athlon 64 X2 QL-60</u>	925	2364	NA	NA
<u>AMD Athlon 64 X2 QL-62</u>	1005	2305	NA	NA
<u>AMD Athlon 64 X2 QL-64</u>	990	2320	NA	NA
<u>AMD Athlon 64 X2 QL-65</u>	1050	2280	NA	NA
<u>AMD Athlon 64 X2 QL-66</u>	947	2353	NA	NA
<u>AMD Athlon 64 X2 QL-67</u>	1006	2304	NA	NA
<u>AMD Athlon 64 X2 TK-55</u>	955	2344	NA	NA
<u>AMD Athlon 64 X2 TK-57</u>	988	2321	NA	NA
<u>AMD Athlon 200GE</u>	4956	948	<u>75.18</u>	<u>\$65.92</u>
<u>AMD Athlon 220GE</u>	5237	893	<u>75.27</u>	<u>\$69.58</u>
<u>AMD Athlon 240GE</u>	5478	854	<u>87.39</u>	<u>\$62.69</u>

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 1500+	294	2815	NA	NA
AMD Athlon 1640B	670	2486	13.42	\$50.00*
AMD Athlon 2000+	390	2706	NA	NA
AMD Athlon 2100+	412	2668	NA	NA
AMD Athlon 2200+	363	2735	4.55	\$79.99*
AMD Athlon 2400+	462	2618	NA	NA
AMD Athlon 2500+	374	2715	2.04	\$183.99*
AMD Athlon 2600+	444	2639	4.23	\$104.95*
AMD Athlon 2650e	407	2675	21.47	\$19.00*
AMD Athlon 2800+	447	2634	3.20	\$139.95*
AMD Athlon 2850e	506	2577	NA	NA
AMD Athlon 3100+	485	2596	NA	NA
AMD Athlon 3200+	458	2622	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	2138	10.78	\$119.95
AMD Athlon 5150 APU	2105	1737	13.16	\$159.95
AMD Athlon 5200 Dual-Core	1266	2161	42.23	\$29.99*
AMD Athlon 5350 APU	2609	1540	22.29	\$117.09
AMD Athlon 5370 APU	2915	1439	45.77	\$63.70*
AMD Athlon 7450 Dual-Core	1449	2061	NA	NA
AMD Athlon 7550 Dual-Core	1472	2050	24.54	\$60.00*
AMD Athlon 7750 Dual-Core	1570	2003	10.27	\$152.99
AMD Athlon 7850 Dual-Core	1710	1924	8.16	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2826	NA	NA
AMD Athlon Dual Core 4050e	1086	2260	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	2215	37.69	\$31.00*
AMD Athlon Dual Core 4450e	1108	2246	NA	NA
AMD Athlon Dual Core 4850B	1391	2083	NA	NA
AMD Athlon Dual Core 4850e	1314	2124	33.71	\$39.00*
AMD Athlon Dual Core 5000B	1308	2128	13.77	\$95.00*
AMD Athlon Dual Core 5050e	1343	2110	22.39	\$60.00*
AMD Athlon Dual Core 5200B	1316	2123	NA	NA
AMD Athlon Dual Core 5400B	1420	2072	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
AMD Athlon II Dual-Core E350	563	2541	18.78	\$29.99*
AMD Athlon II 160u	563	2541	18.78	\$29.99*
AMD Athlon II 170u	626	2507	20.91	\$29.95*
AMD Athlon II Dual-Core M300	1112	2242	NA	NA
AMD Athlon II Dual-Core M320	1141	2232	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2277	NA	NA
AMD Athlon II N330 Dual-Core	1154	2224	NA	NA
AMD Athlon II N350 Dual-Core	1249	2173	NA	NA
AMD Athlon II N370 Dual-Core	1559	2008	NA	NA
AMD Athlon II Neo K125	477	2604	NA	NA
AMD Athlon II Neo K145	525	2560	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2435	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2399	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2429	NA	NA
AMD Athlon II P320 Dual-Core	1216	2185	40.61	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2171	27.82	\$44.95*
AMD Athlon II P360 Dual-Core	1319	2122	55.00	\$24.00*
AMD Athlon II X2 210e	1486	2044	NA	NA
AMD Athlon II X2 215	1566	2006	130.68	\$11.99*
AMD Athlon II X2 220	1634	1975	50.77	\$32.19
AMD Athlon II X2 225	1526	2021	NA	NA
AMD Athlon II X2 235e	1657	1963	9.11	\$181.88*
AMD Athlon II X2 240	1643	1970	47.02	\$34.95
AMD Athlon II X2 240e	1700	1935	48.64	\$34.95*
AMD Athlon II X2 245	1662	1961	47.56	\$34.95*
AMD Athlon II X2 245e	1709	1927	21.37	\$80.00*
AMD Athlon II X2 250	1740	1906	44.70	\$38.95
AMD Athlon II X2 250e	1939	1810	25.28	\$76.73*
AMD Athlon II X2 250u	1004	2306	28.74	\$34.95*
AMD Athlon II X2 255	1841	1863	28.24	\$65.22*
AMD Athlon II X2 260	1877	1844	93.92	\$19.99*
AMD Athlon II X2 260u	1107	2249	13.28	\$83.44*
AMD Athlon II X2 265	1892	1836	22.84	\$82.88*
AMD Athlon II X2 270	1975	1791	82.35	\$23.99*
AMD Athlon II X2 270u	1285	2147	18.99	\$67.67*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 4300e	1483	2047	NA	NA
AMD Athlon II X2 4400e	1632	1977	NA	NA
AMD Athlon II X2 4450e	1504	2035	NA	NA
AMD Athlon II X2 B22	1715	1919	41.16	\$41.69*
AMD Athlon II X2 B24	1780	1890	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	1829	42.42	\$44.95
AMD Athlon II X2 B28	2085	1747	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1779	18.70	\$107.43*
AMD Athlon II X3 405e	2000	1783	25.00	\$79.99*
AMD Athlon II X3 415e	2247	1681	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1661	19.68	\$116.15*
AMD Athlon II X3 425	2314	1647	85.74	\$26.99*
AMD Athlon II X3 425e	2239	1687	NA	NA
AMD Athlon II X3 435	2471	1594	82.41	\$29.99*
AMD Athlon II X3 440	2567	1557	95.12	\$26.99*
AMD Athlon II X3 445	2574	1554	28.29	\$91.00*
AMD Athlon II X3 450	2621	1537	68.97	\$38.01
AMD Athlon II X3 455	2765	1493	70.92	\$38.99*
AMD Athlon II X3 460	2864	1461	73.46	\$38.99*
AMD Athlon II X4 553	3814	1178	NA	NA
AMD Athlon II X4 555	3830	1173	NA	NA
AMD Athlon II X4 559	4125	1116	NA	NA
AMD Athlon II X4 600e	2465	1597	18.93	\$130.23*
AMD Athlon II X4 605e	2716	1510	26.69	\$101.80*
AMD Athlon II X4 610e	2793	1483	39.92	\$69.99*
AMD Athlon II X4 615e	2899	1451	49.15	\$59.00*
AMD Athlon II X4 620	2928	1436	48.86	\$59.95
AMD Athlon II X4 620e	2906	1444	NA	NA
AMD Athlon II X4 630	3130	1368	49.73	\$62.95
AMD Athlon II X4 631 Quad-Core	3149	1363	39.37	\$80.00*
AMD Athlon II X4 635	3231	1330	46.20	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1341	120.73	\$26.49*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 641 Quad-Core	3343	1299	36.54	\$91.50*
AMD Athlon II X4 645	3466	1270	43.35	\$79.95
AMD Athlon II X4 650	3482	1265	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3575	1240	20.08	\$178.04*
AMD Athlon II X4 655	2998	1410	NA	NA
AMD Athlon II X4 6400e	2594	1544	NA	NA
AMD Athlon L110	303	2796	NA	NA
AMD Athlon LE-1600	557	2543	26.57	\$21.00*
AMD Athlon LE-1620	578	2532	32.12	\$18.00*
AMD Athlon LE-1640	626	2506	NA	NA
AMD Athlon LE-1660	679	2483	NA	NA
AMD Athlon MP	230	2897	18.46	\$12.49
AMD Athlon MP 1700+	339	2757	NA	NA
AMD Athlon MP 2400+	436	2648	NA	NA
AMD Athlon MP 2800+	497	2583	NA	NA
AMD Athlon Neo MV-40	410	2671	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2309	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2434	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2411	NA	NA
AMD Athlon PRO 200GE	5163	905	NA	NA
AMD Athlon PRO 300GE	5560	844	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	2608	NA	NA
AMD Athlon TF-20	413	2667	NA	NA
AMD Athlon TF-36	395	2694	NA	NA
AMD Athlon X2 215	1543	2014	NA	NA
AMD Athlon X2 235e	1806	1879	NA	NA
AMD Athlon X2 240	1602	1990	NA	NA
AMD Athlon X2 240e	1670	1952	NA	NA
AMD Athlon X2 250	1696	1938	NA	NA
AMD Athlon X2 255	1627	1979	NA	NA
AMD Athlon X2 280	2303	1655	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1932	1816	38.66	\$49.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
AMD Athlon X2 440	1424	2071	NA	NA
AMD Athlon X2 Dual Core 3250e	778	2433	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2313	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2370	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2245	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2186	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2169	NA	NA
AMD Athlon X2 Dual Core L310	645	2496	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2302	NA	NA
AMD Athlon X3 425	2191	1705	NA	NA
AMD Athlon X3 435	2574	1555	26.96	\$95.49*
AMD Athlon X3 440	2078	1749	23.62	\$87.99*
AMD Athlon X3 445	2314	1646	NA	NA
AMD Athlon X3 455	2401	1618	NA	NA
AMD Athlon X4 605e	2505	1582	NA	NA
AMD Athlon X4 620	2861	1462	47.74	\$59.95
AMD Athlon X4 635	2891	1454	23.71	\$121.99*
AMD Athlon X4 640	3172	1349	NA	NA
AMD Athlon X4 740 Quad Core	4031	1131	14.55	\$277.00*
AMD Athlon X4 750 Quad Core	4551	1026	NA	NA
AMD Athlon X4 750K Quad Core	4273	1085	55.50	\$76.99*
AMD Athlon X4 760K Quad Core	4597	1018	109.51	\$41.98*
AMD Athlon X4 830	4701	994	NA	NA
AMD Athlon X4 840	5071	920	64.41	\$78.74*
AMD Athlon X4 845	5408	865	101.80	\$53.13*
AMD Athlon X4 860K	5410	864	40.09	\$134.95*
AMD Athlon X4 870K	5320	886	66.52	\$79.99*
AMD Athlon X4 880K	5580	840	55.81	\$99.99*
AMD Athlon X4 950	5225	894	63.33	\$82.50
AMD Athlon XP1600+	281	2839	NA	NA
AMD Athlon XP1900+	353	2744	NA	NA
AMD Athlon XP2100+	287	2828	NA	NA
AMD Athlon XP2200+	401	2686	NA	NA
AMD Athlon XP2400+	374	2716	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 1500+	257	2868	NA	NA
AMD Athlon XP 1600+	267	2858	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	2754	NA	NA
AMD Athlon XP 1700+	271	2853	4.43	\$61.25*
AMD Athlon XP 1800+	300	2803	5.10	\$58.95*
AMD Athlon XP 1900+	312	2787	NA	NA
AMD Athlon XP 2000+	299	2804	12.00	\$24.99*
AMD Athlon XP 2100+	323	2771	NA	NA
AMD Athlon XP 2200+	328	2770	3.87	\$84.95*
AMD Athlon XP 2300+	464	2615	NA	NA
AMD Athlon XP 2400+	360	2737	4.01	\$89.99*
AMD Athlon XP 2500+	355	2741	NA	NA
AMD Athlon XP 2600+	372	2721	16.18	\$23.03*
AMD Athlon XP 2700+	393	2697	4.64	\$84.79*
AMD Athlon XP 2800+	400	2688	NA	NA
AMD Athlon XP 2900+	424	2661	NA	NA
AMD Athlon XP 3000+	402	2684	5.06	\$79.70*
AMD Athlon XP 3100+	433	2652	NA	NA
AMD Athlon XP 3200+	432	2653	NA	NA
AMD Athlon XP 3400+	570	2538	NA	NA
AMD Athlon XP Pro3+	367	2728	NA	NA
AMD Athlon XP-M	541	2552	15.48	\$34.95*
AMD C-30	310	2789	NA	NA
AMD C-50	462	2617	NA	NA
AMD C-60	466	2611	NA	NA
AMD C-60 APU	545	2546	NA	NA
AMD C-70 APU	558	2542	NA	NA
AMD E1 Micro-6200T APU	960	2341	NA	NA
AMD E1-1200 APU	655	2493	NA	NA
AMD E1-1500 APU	688	2478	NA	NA
AMD E1-2100 APU	641	2501	NA	NA
AMD E1-2200 APU	767	2437	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E1-6010 APU	868	2391	NA	NA
AMD E1-6015 APU	900	2380	NA	NA
AMD E1-7010 APU	1018	2298	NA	NA
AMD E2-1800 APU	814	2417	NA	NA
AMD E2-2000 APU	825	2413	NA	NA
AMD E2-3000 APU	1140	2233	NA	NA
AMD E2-3000M APU	1093	2255	54.65	\$20.00*
AMD E2-3200 APU	1380	2090	172.79	\$7.99*
AMD E2-3800 APU	1645	1968	NA	NA
AMD E2-6110 APU	1917	1825	NA	NA
AMD E2-7110 APU	2290	1657	NA	NA
AMD E2-9000	1650	1967	NA	NA
AMD E2-9000e	1324	2120	NA	NA
AMD E2-9010	1705	1930	NA	NA
AMD E2-9030	1515	2030	NA	NA
AMD E-240	319	2777	NA	NA
AMD E-300 APU	609	2513	NA	NA
AMD E-350	745	2451	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E-350 APU	759	2443	NA	NA
AMD E-350D APU	726	2458	NA	NA
AMD E-450 APU	766	2438	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1896	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1744	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2508	1580	NA	NA
AMD Embedded R-Series RX-216GD	2409	1615	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	921	NA	NA
AMD Embedded R-Series RX-421BD	4635	1007	NA	NA
AMD EPYC 3201	9634	417	NA	NA
AMD EPYC 3251	11690	288	37.11	\$315.00*
AMD EPYC 7251	11811	283	19.90	\$593.70

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
AMD EPYC 7351	18081	111	14.16	\$1,276.83
AMD EPYC 7351P	14887	183	15.71	\$947.33
AMD EPYC 7371	22071	51	14.24	\$1,550.00*
AMD EPYC 7401P	20221	76	21.30	\$949.50
AMD EPYC 7501	18942	99	9.19	\$2,060.86
AMD EPYC 7502P	23465	42	10.20	\$2,300.00*
AMD EPYC 7551	18483	103	13.02	\$1,419.90
AMD EPYC 7551P	18443	105	8.90	\$2,072.45
AMD EPYC 7571	20858	69	NA	NA
AMD EPYC 7702P	46067	2	10.41	\$4,425.00*
AMD EPYC 7742	47365	1	6.82	\$6,950.00*
AMD FirePro A320 APU	4540	1031	NA	NA
AMD FX-670K Quad-Core	4550	1028	NA	NA
AMD FX-770K Quad-Core	4814	975	NA	NA
AMD FX-870K Quad Core	5021	935	NA	NA
AMD FX-4100 Quad-Core	4076	1123	26.57	\$153.45*
AMD FX-4130 Quad-Core	4162	1108	54.78	\$75.99*
AMD FX-4150 Quad-Core	4594	1019	NA	NA
AMD FX-4170 Quad-Core	4870	962	48.71	\$99.99*
AMD FX-4200 Quad-Core	4270	1087	18.71	\$228.21*
AMD FX-4300 Quad-Core	4695	996	33.78	\$139.00
AMD FX-4320	4997	939	NA	NA
AMD FX-4330	5328	882	NA	NA
AMD FX-4350 Quad-Core	5340	878	12.42	\$430.00
AMD FX-6100 Six-Core	5405	867	20.95	\$258.00*
AMD FX-6120 Six-Core	5752	820	NA	NA
AMD FX-6130 Six-Core	6215	763	NA	NA
AMD FX-6200 Six-Core	6107	776	17.97	\$339.95
AMD FX-6300 Six-Core	6408	747	34.93	\$183.46
AMD FX-6330 Six-Core	6954	691	NA	NA
AMD FX-6350 Six-Core	7024	683	48.45	\$144.99
AMD FX-7500 APU	3201	1338	NA	NA
AMD FX-7600P	4050	1126	NA	NA
AMD FX-7600P APU	4627	1009	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8120 Eight-Core	6640	726	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	772	NA	NA
AMD FX-8150 Eight-Core	7656	625	64.37	\$118.95
AMD FX-8300 Eight-Core	7767	614	64.73	\$119.99*
AMD FX-8310 Eight-Core	7735	617	NA	NA
AMD FX-8320 Eight-Core	8037	578	58.24	\$138.01
AMD FX-8320E Eight-Core	7579	634	39.23	\$193.19
AMD FX-8350 Eight-Core	8957	489	45.24	\$198.00
AMD FX-8370 Eight-Core	9046	478	26.17	\$345.74*
AMD FX-8370E Eight-Core	7865	600	24.57	\$320.09
AMD FX-8800P	4199	1100	NA	NA
AMD FX-9370 Eight-Core	9460	432	17.05	\$555.00
AMD FX-9590 Eight-Core	10193	362	27.91	\$365.25
AMD FX-9800P	3956	1145	NA	NA
AMD FX-9830P	4783	980	NA	NA
AMD FX-B4150 Quad-Core	4611	1013	NA	NA
AMD G-T40E	467	2610	NA	NA
AMD G-T40N	516	2569	NA	NA
AMD G-T40R	203	2924	NA	NA
AMD G-T44R	229	2898	NA	NA
AMD G-T48E	667	2488	NA	NA
AMD G-T52R	308	2791	NA	NA
AMD G-T56E	751	2446	NA	NA
AMD G-T56N	796	2428	NA	NA
AMD Geode NX	264	2861	NA	NA
AMD Geode NX 1750	291	2817	NA	NA
AMD GX-210JA SOC	401	2687	NA	NA
AMD GX-212JC SOC	744	2452	NA	NA
AMD GX-217GA SOC	1107	2250	NA	NA
AMD GX-218GL SOC	1207	2190	NA	NA
AMD GX-222GC SOC	1255	2165	NA	NA
AMD GX-412HC	1497	2041	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD GX-420CA SOC	2412	1614	NA	NA
AMD GX-424CC SOC	2491	1588	NA	NA
AMD K7	403	2681	NA	NA
AMD Opteron 140	396	2692	0.62	\$640.00*
AMD Opteron 142	428	2657	NA	NA
AMD Opteron 144	486	2592	7.48	\$65.00*
AMD Opteron 146	532	2555	8.87	\$59.99*
AMD Opteron 148	603	2518	NA	NA
AMD Opteron 150	604	2516	NA	NA
AMD Opteron 152	658	2490	NA	NA
AMD Opteron 154	703	2471	NA	NA
AMD Opteron 165	899	2382	1.63	\$550.00*
AMD Opteron 170	1097	2252	NA	NA
AMD Opteron 175	1167	2217	NA	NA
AMD Opteron 180	1236	2176	9.51	\$129.95*
AMD Opteron 185	1342	2111	NA	NA
AMD Opteron 246	632	2504	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	2605	4.77	\$99.95
AMD Opteron 250	649	2494	59.01	\$11.00*
AMD Opteron 252	760	2442	12.00	\$63.36*
AMD Opteron 254	693	2475	NA	NA
AMD Opteron 256	963	2335	50.72	\$19.00*
AMD Opteron 265	963	2336	13.20	\$73.00
AMD Opteron 270	1170	2213	1.93	\$607.47*
AMD Opteron 275	1291	2140	15.74	\$82.05*
AMD Opteron 280	1176	2207	18.10	\$65.00
AMD Opteron 285	1470	2052	18.39	\$79.95
AMD Opteron 290	1464	2054	10.85	\$135.00*
AMD Opteron 1210	923	2367	14.21	\$65.00
AMD Opteron 1210 HE	971	2330	NA	NA
AMD Opteron 1212	1009	2303	3.48	\$290.00*
AMD Opteron 1212 HE	1308	2129	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
AMD Opteron 1214 HE	1299	2133	NA	NA
AMD Opteron 1216	1311	2127	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2212	NA	NA
AMD Opteron 1218	1468	2053	NA	NA
AMD Opteron 1218 HE	1444	2062	NA	NA
AMD Opteron 1220	1653	1965	NA	NA
AMD Opteron 1222	1757	1899	NA	NA
AMD Opteron 1352	2316	1645	17.04	\$135.99*
AMD Opteron 1354	2630	1533	19.49	\$135.00*
AMD Opteron 1356	2765	1492	30.73	\$89.99*
AMD Opteron 1381	3065	1390	NA	NA
AMD Opteron 2212	1270	2159	63.53	\$20.00*
AMD Opteron 2214	1358	2105	46.85	\$29.00*
AMD Opteron 2214 HE	1415	2074	NA	NA
AMD Opteron 2216	1518	2027	58.84	\$25.80
AMD Opteron 2218	1594	1996	19.94	\$79.95
AMD Opteron 2220	1701	1933	21.29	\$79.95
AMD Opteron 2220 SE	1398	2079	55.92	\$25.00*
AMD Opteron 2222	1843	1862	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1821	NA	NA
AMD Opteron 2350	2820	1473	35.28	\$79.95*
AMD Opteron 2354	2450	1602	7.38	\$332.03*
AMD Opteron 2356	2814	1475	54.12	\$52.00*
AMD Opteron 2373 EE	2789	1486	NA	NA
AMD Opteron 2374 HE	2951	1425	45.40	\$65.00
AMD Opteron 2376	2283	1662	13.69	\$166.81*
AMD Opteron 2378	3179	1347	17.76	\$179.00*
AMD Opteron 2380	2640	1531	58.69	\$45.00
AMD Opteron 2384	3538	1247	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1248	NA	NA
AMD Opteron 2393 SE	2246	1682	NA	NA
AMD Opteron 2427	3069	1388	38.39	\$79.95
AMD Opteron 2431	4516	1034	112.91	\$40.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2435	4708	992	72.44	\$65.00
AMD Opteron 3250 HE	2942	1429	29.73	\$99.00*
AMD Opteron 3260 HE	3259	1320	NA	NA
AMD Opteron 3280	5403	868	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1520	NA	NA
AMD Opteron 3350 HE	4186	1103	NA	NA
AMD Opteron 3365	6088	784	NA	NA
AMD Opteron 3380	6384	749	7.89	\$809.00*
AMD Opteron 4122	2942	1430	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1352	NA	NA
AMD Opteron 4170 HE	3664	1221	62.11	\$59.00*
AMD Opteron 4184	4418	1057	8.50	\$519.95*
AMD Opteron 4280	6430	744	128.60	\$50.00*
AMD Opteron 4284	6660	723	111.03	\$59.99*
AMD Opteron 4332 HE	5614	835	NA	NA
AMD Opteron 4334	6099	780	28.18	\$216.42*
AMD Opteron 4365 EE	5025	933	NA	NA
AMD Opteron 4386	6761	709	48.30	\$139.99*
AMD Opteron 6128	4505	1037	237.24	\$18.99
AMD Opteron 6134	2938	1431	66.81	\$43.99*
AMD Opteron 6136	4631	1008	42.10	\$110.00*
AMD Opteron 6164 HE	5351	877	NA	NA
AMD Opteron 6172	5261	889	26.57	\$198.00*
AMD Opteron 6174	6171	767	94.94	\$65.00
AMD Opteron 6176 SE	5465	861	34.37	\$159.00*
AMD Opteron 6212	5776	813	192.62	\$29.99*
AMD Opteron 6220	6785	705	113.11	\$59.99*
AMD Opteron 6234	5938	794	198.27	\$29.95*
AMD Opteron 6238	7673	624	21.32	\$359.89*
AMD Opteron 6272	6748	712	96.42	\$69.99
AMD Opteron 6274	4865	965	74.85	\$65.00
AMD Opteron 6276	8889	500	52.60	\$169.00
AMD Opteron 6282 SE	9116	467	14.24	\$640.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6328	7813	607	21.45	\$364.24
AMD Opteron 6344	9372	440	24.09	\$389.00*
AMD Opteron 6366 HE	7503	637	250.19	\$29.99*
AMD Opteron 6376	9212	459	139.94	\$65.83
AMD Opteron 6378	9094	468	8.96	\$1,014.85
AMD Opteron 6380	10081	371	168.76	\$59.74
AMD Opteron 6386 SE	10912	316	75.26	\$144.99*
AMD Opteron 8354	2255	1678	93.98	\$24.00
AMD Opteron 8439 SE	3813	1179	63.56	\$60.00*
AMD Opteron X2170 APU	3059	1391	NA	NA
AMD Opteron X3216 APU	2292	1656	NA	NA
AMD Opteron X3418 APU	4659	1001	NA	NA
AMD Opteron X3421 APU	4886	960	NA	NA
AMD Phenom 2 X4 12000	3005	1407	NA	NA
AMD Phenom 7950 Quad-Core	2991	1412	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	1953	NA	NA
AMD Phenom 8250e Triple-Core	1635	1973	34.81	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1976	NA	NA
AMD Phenom 8450 Triple-Core	1888	1840	63.07	\$29.95*
AMD Phenom 8450e Triple-Core	2026	1772	NA	NA
AMD Phenom 8600 Triple-Core	1673	1949	31.57	\$52.99*
AMD Phenom 8600B Triple-Core	1924	1820	36.33	\$52.99*
AMD Phenom 8650 Triple-Core	1986	1786	39.73	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1762	NA	NA
AMD Phenom 8750B Triple-Core	2034	1767	NA	NA
AMD Phenom 8850 Triple-Core	1968	1797	NA	NA
AMD Phenom 8850B Triple-Core	2080	1748	NA	NA
AMD Phenom 9100e Quad-Core	1833	1869	45.89	\$39.95*
AMD Phenom 9150e Quad-Core	2114	1735	52.92	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1643	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1542	24.76	\$105.00*
AMD Phenom 9500 Quad-Core	2203	1700	76.01	\$28.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9600 Quad-Core	2303	1654	46.11	\$49.95*
AMD Phenom 9600B Quad-Core	2575	1552	17.50	\$147.19*
AMD Phenom 9650 Quad-Core	2635	1532	58.63	\$44.95
AMD Phenom 9750 Quad-Core	2810	1478	95.32	\$29.49*
AMD Phenom 9750B Quad-Core	2709	1512	NA	NA
AMD Phenom 9850 Quad-Core	2887	1456	24.07	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1357	NA	NA
AMD Phenom 9950 Quad-Core	3009	1404	22.29	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1574	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1427	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1226	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1263	NA	NA
AMD Phenom II N620 Dual-Core	1686	1942	422.70	\$3.99*
AMD Phenom II N640 Dual-Core	1721	1915	26.51	\$64.95*
AMD Phenom II N660 Dual-Core	1844	1860	18.64	\$99.00*
AMD Phenom II N830 3+1	2652	1527	NA	NA
AMD Phenom II N830 Triple-Core	1890	1839	NA	NA
AMD Phenom II N850 Triple-Core	1939	1811	77.57	\$25.00*
AMD Phenom II N870 Triple-Core	2000	1782	NA	NA
AMD Phenom II N930 Quad-Core	2274	1667	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2483	1592	22.06	\$112.60*
AMD Phenom II N970 Quad-Core	2515	1576	16.77	\$149.99*
AMD Phenom II P650 Dual-Core	1579	2000	45.12	\$35.00*
AMD Phenom II P820 Triple-Core	1602	1991	NA	NA
AMD Phenom II P840 Triple-Core	1713	1922	NA	NA
AMD Phenom II P860 Triple-Core	1756	1900	NA	NA
AMD Phenom II P920 Quad-Core	1866	1850	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1831	1870	NA	NA
AMD Phenom II P960 Quad-Core	2086	1745	74.51	\$28.00*
AMD Phenom II X2 511	2104	1738	NA	NA
AMD Phenom II X2 521	2071	1752	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X2 545	1918	1823	43.62	\$43.98*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
AMD Phenom II X2 555	2042	1764	72.99	\$27.98*
AMD Phenom II X2 560	2062	1757	31.73	\$64.99*
AMD Phenom II X2 565	2225	1693	10.60	\$209.95*
AMD Phenom II X2 570	2068	1755	NA	NA
AMD Phenom II X2 B53	1709	1926	NA	NA
AMD Phenom II X2 B55	1926	1819	40.13	\$48.00*
AMD Phenom II X2 B57	1823	1874	NA	NA
AMD Phenom II X2 B59	2124	1730	48.25	\$44.04*
AMD Phenom II X3 700e	2242	1685	NA	NA
AMD Phenom II X3 705e	2227	1690	14.63	\$152.34*
AMD Phenom II X3 710	2448	1603	28.97	\$84.53*
AMD Phenom II X3 715	2649	1529	31.17	\$84.99*
AMD Phenom II X3 720	2666	1522	38.10	\$69.99*
AMD Phenom II X3 740	2985	1413	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1505	36.47	\$75.00*
AMD Phenom II X3 B75	2897	1452	72.45	\$39.99*
AMD Phenom II X3 B77	3067	1389	137.64	\$22.29*
AMD Phenom II X4 805	2998	1409	17.23	\$173.99*
AMD Phenom II X4 810	3120	1372	26.90	\$115.99*
AMD Phenom II X4 820	3393	1285	45.28	\$74.95*
AMD Phenom II X4 830	3434	1276	42.95	\$79.95*
AMD Phenom II X4 840	3508	1259	39.01	\$89.95*
AMD Phenom II X4 840T	3597	1232	51.39	\$69.99*
AMD Phenom II X4 850	3547	1243	54.59	\$64.99*
AMD Phenom II X4 900e	2882	1459	NA	NA
AMD Phenom II X4 905e	3080	1384	57.06	\$53.99*
AMD Phenom II X4 910	3247	1324	32.48	\$100.00*
AMD Phenom II X4 910e	3254	1322	20.73	\$156.99*
AMD Phenom II X4 920	3389	1286	42.38	\$79.99*
AMD Phenom II X4 925	3411	1278	77.56	\$43.99*
AMD Phenom II X4 940	3590	1236	60.51	\$59.34*
AMD Phenom II X4 945	3653	1223	56.24	\$64.95
AMD Phenom II X4 955	3916	1160	30.09	\$130.16*
AMD Phenom II X4 960T	3774	1186	8.05	\$469.00

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 970	4316	1079	29.14	\$148.11*
AMD Phenom II X4 973	3759	1193	NA	NA
AMD Phenom II X4 975	4450	1051	31.86	\$139.69*
AMD Phenom II X4 977	3750	1197	NA	NA
AMD Phenom II X4 980	4488	1042	19.52	\$229.99*
AMD Phenom II X4 8700e	2377	1628	NA	NA
AMD Phenom II X4 B05e	2792	1484	NA	NA
AMD Phenom II X4 B15e	2736	1503	NA	NA
AMD Phenom II X4 B25	3297	1312	NA	NA
AMD Phenom II X4 B35	3387	1288	NA	NA
AMD Phenom II X4 B40	3352	1296	NA	NA
AMD Phenom II X4 B45	3470	1269	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	1209	NA	NA
AMD Phenom II X4 B55	3853	1167	NA	NA
AMD Phenom II X4 B60	4032	1130	NA	NA
AMD Phenom II X4 B65	4172	1107	NA	NA
AMD Phenom II X4 B70	4261	1089	NA	NA
AMD Phenom II X4 B93	3345	1297	NA	NA
AMD Phenom II X4 B95	3677	1216	50.40	\$72.95*
AMD Phenom II X4 B97	3868	1163	67.87	\$56.99*
AMD Phenom II X4 B99	4126	1115	NA	NA
AMD Phenom II X6 1035T	4665	999	24.68	\$189.00*
AMD Phenom II X6 1045T	4800	979	44.44	\$108.01*
AMD Phenom II X6 1055T	4966	947	45.54	\$109.05*
AMD Phenom II X6 1065T	5028	932	NA	NA
AMD Phenom II X6 1075T	5325	883	47.13	\$112.99*
AMD Phenom II X6 1090T	5560	845	36.10	\$154.04*
AMD Phenom II X6 1100T	5707	822	32.16	\$177.49*
AMD Phenom II X6 1405T	5042	930	NA	NA
AMD Phenom II X620 Dual-Core	2189	1706	NA	NA
AMD Phenom II X640 Dual-Core	2021	1774	NA	NA
AMD Phenom II X920 Quad-Core	2650	1528	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X2 Dual-Core GE-4060	1697	1936	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1699	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1903	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2205	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	2064	NA	NA
AMD Phenom X3 8550	1931	1817	11.36	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1897	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1784	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1688	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1453	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1511	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1516	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2187	NA	NA
AMD PRO A4-3350B APU	2274	1668	NA	NA
AMD PRO A4-4350B	1502	2039	NA	NA
AMD PRO A4-8350B	2776	1489	NA	NA
AMD PRO A6-7350B	2759	1496	NA	NA
AMD PRO A6-8500B	2516	1575	NA	NA
AMD PRO A6-8530B	2388	1624	NA	NA
AMD PRO A6-8550B	2970	1420	NA	NA
AMD PRO A6-8570	3049	1397	NA	NA
AMD PRO A6-8570E	2824	1472	NA	NA
AMD PRO A6-9500	2950	1426	39.88	\$74.00*
AMD PRO A6-9500B	2076	1750	NA	NA
AMD PRO A6-9500E	2717	1507	36.73	\$74.00*
AMD PRO A8-8600B	3519	1257	NA	NA
AMD PRO A8-8650B	5223	895	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A8-8670E	5015	937	NA	NA
AMD PRO A8-9600	5277	887	44.35	\$119.00*
AMD PRO A8-9600B	3964	1143	NA	NA
AMD PRO A10-8700B	3552	1241	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
AMD PRO A10-8750B	5473	857	NA	NA
AMD PRO A10-8770	5707	823	NA	NA
AMD PRO A10-8770E	5035	931	NA	NA
AMD PRO A10-8850B	5852	803	NA	NA
AMD PRO A10-9700	5599	837	33.13	\$169.00*
AMD PRO A10-9700B	4380	1064	NA	NA
AMD PRO A10-9700E	5066	922	36.45	\$139.00*
AMD PRO A12-8800B	4111	1117	NA	NA
AMD PRO A12-8830B	4259	1090	NA	NA
AMD PRO A12-8870	6067	785	NA	NA
AMD PRO A12-8870E	5186	903	NA	NA
AMD PRO A12-9800	6132	773	36.29	\$169.00*
AMD PRO A12-9800B	4095	1120	NA	NA
AMD PRO A12-9800E	4769	983	28.22	\$169.00*
AMD QC-4000	1663	1960	NA	NA
AMD R-260H APU	1576	2001	NA	NA
AMD R-460L APU	1954	1803	NA	NA
AMD R-464L APU	3117	1374	NA	NA
AMD RX-427BB	4364	1067	NA	NA
AMD Ryzen 3 1200	6795	704	113.27	\$59.99
AMD Ryzen 3 1300X	7553	635	65.69	\$115.00
AMD Ryzen 3 2200G	7329	656	93.98	\$77.99
AMD Ryzen 3 2200GE	6976	687	NA	NA
AMD Ryzen 3 2200U	4587	1021	NA	NA
AMD Ryzen 3 2300U	6104	777	NA	NA
AMD Ryzen 3 2300X	8377	546	NA	NA
AMD Ryzen 3 3200G	7926	594	91.11	\$87.00
AMD Ryzen 3 3200U	4706	993	NA	NA
AMD Ryzen 3 3300U	6143	771	NA	NA
AMD Ryzen 3 PRO 1200	7075	679	NA	NA
AMD Ryzen 3 PRO 1300	7994	585	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	913	NA	NA
AMD Ryzen 3 PRO 2200G	8013	581	NA	NA
AMD Ryzen 3 PRO 2200GE	7477	640	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 3 PRO 3200G	8316	553	NA	NA
AMD Ryzen 3 PRO 3200GE	8244	558	NA	NA
AMD Ryzen 3 PRO 3300U	6772	706	NA	NA
AMD Ryzen 5 1400	8366	548	62.66	\$133.51
AMD Ryzen 5 1500X	10108	370	73.41	\$137.70
AMD Ryzen 5 1600	12286	270	112.64	\$109.08
AMD Ryzen 5 1600X	13204	238	89.83	\$146.99
AMD Ryzen 5 2400G	9323	446	78.35	\$119.00
AMD Ryzen 5 2400GE	9027	479	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 2500U	7349	654	NA	NA
AMD Ryzen 5 2500X	9704	412	NA	NA
AMD Ryzen 5 2600	13514	230	114.84	\$117.68
AMD Ryzen 5 2600H	8366	547	NA	NA
AMD Ryzen 5 2600X	14361	197	95.75	\$149.99
AMD Ryzen 5 3400G	9958	386	73.62	\$135.27
AMD Ryzen 5 3500	14099	206	NA	NA
AMD Ryzen 5 3500U	7889	598	NA	NA
AMD Ryzen 5 3500X	17073	123	NA	NA
AMD Ryzen 5 3550H	8330	552	NA	NA
AMD Ryzen 5 3580U	7896	597	NA	NA
AMD Ryzen 5 3600	19881	80	102.48	\$194.00
AMD Ryzen 5 3600X	20495	70	84.00	\$243.98
AMD Ryzen 5 PRO 1500	10133	366	NA	NA
AMD Ryzen 5 PRO 1600	12213	275	NA	NA
AMD Ryzen 5 PRO 2400G	10005	378	NA	NA
AMD Ryzen 5 PRO 2400GE	8447	537	NA	NA
AMD Ryzen 5 PRO 2500U	8202	563	NA	NA
AMD Ryzen 5 PRO 2600	14221	200	NA	NA
AMD Ryzen 5 PRO 3400G	10615	337	NA	NA
AMD Ryzen 5 PRO 3400GE	10300	354	NA	NA
AMD Ryzen 5 PRO 3500U	8418	543	NA	NA
AMD Ryzen 5 PRO 3600	21601	58	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 1700X	14811	185	86.62	\$171.00
AMD Ryzen 7 1800X	15541	167	53.59	\$289.99
AMD Ryzen 7 2700	15079	178	90.95	\$165.80
AMD Ryzen 7 2700E	13410	234	NA	NA
AMD Ryzen 7 2700U	7414	650	NA	NA
AMD Ryzen 7 2700X	16961	126	89.28	\$189.99
AMD Ryzen 7 2800H	8498	534	NA	NA
AMD Ryzen 7 3700U	8077	573	NA	NA
AMD Ryzen 7 3700X	23854	40	72.73	\$327.98
AMD Ryzen 7 3750H	8942	493	NA	NA
AMD Ryzen 7 3780U	8427	541	NA	NA
AMD Ryzen 7 3800X	24571	33	69.23	\$354.90
AMD Ryzen 7 PRO 1700	14112	205	NA	NA
AMD Ryzen 7 PRO 1700X	15324	173	NA	NA
AMD Ryzen 7 PRO 2700	15406	172	NA	NA
AMD Ryzen 7 PRO 2700U	8877	501	NA	NA
AMD Ryzen 7 PRO 2700X	17161	122	NA	NA
AMD Ryzen 7 PRO 3700	25748	24	NA	NA
AMD Ryzen 7 PRO 3700U	8619	525	NA	NA
AMD Ryzen 9 3900	30679	8	NA	NA
AMD Ryzen 9 3900X	31890	6	56.08	\$568.64
AMD Ryzen 9 3950X	34009	3	NA	NA
AMD Ryzen 9 PRO 3900	32570	5	NA	NA
AMD Ryzen Embedded R1505G	4555	1025	NA	NA
AMD Ryzen Embedded V1202B	4447	1052	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Embedded V1605B	7087	677	NA	NA
AMD Ryzen Embedded V1756B	8559	529	NA	NA
AMD Ryzen Embedded V1807B	8528	532	NA	NA
AMD Ryzen Threadripper 1900X	16069	150	107.14	\$149.99
AMD Ryzen Threadripper 1920X	20029	78	95.38	\$209.99
AMD Ryzen Threadripper 1950X	21934	53	44.76	\$489.99*
AMD Ryzen Threadripper 2920X	22003	52	59.48	\$369.95

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
AMD Ryzen Threadripper 2970WX	21887	55	23.92	\$914.99
AMD Ryzen Threadripper 2990WX	23211	45	14.51	\$1,599.95
AMD Ryzen Threadripper 2990X	19227	97	NA	NA
AMD Sempron 130	700	2472	28.03	\$24.99*
AMD Sempron 140	739	2454	18.69	\$39.59*
AMD Sempron 145	807	2425	8.51	\$94.92
AMD Sempron 150	747	2448	16.64	\$44.95*
AMD Sempron 200U	267	2857	3.08	\$87.00*
AMD Sempron 210U	391	2703	NA	NA
AMD Sempron 240	2110	1736	36.39	\$58.00
AMD Sempron 2100+	392	2701	NA	NA
AMD Sempron 2200+	282	2837	9.42	\$29.99*
AMD Sempron 2300+	318	2778	7.07	\$45.00*
AMD Sempron 2400+	314	2785	12.10	\$26.00*
AMD Sempron 2500+	335	2760	6.11	\$54.95*
AMD Sempron 2600+	374	2718	10.71	\$34.95
AMD Sempron 2650 APU	951	2347	14.65	\$64.95
AMD Sempron 2800+	383	2708	6.40	\$59.95
AMD Sempron 3000+	408	2674	20.41	\$20.00
AMD Sempron 3100+	452	2628	7.53	\$60.00*
AMD Sempron 3200+	406	2676	3.10	\$131.22*
AMD Sempron 3300+	484	2598	8.07	\$60.00
AMD Sempron 3400+	454	2626	15.21	\$29.89
AMD Sempron 3500+	379	2711	18.98	\$20.00*
AMD Sempron 3600+	483	2600	40.30	\$12.00*
AMD Sempron 3800+	554	2544	3.62	\$152.92*
AMD Sempron 3850 APU	1715	1920	18.06	\$94.98
AMD Sempron Dual Core 2100	936	2359	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2315	NA	NA
AMD Sempron Dual Core 2300	982	2323	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2351	NA	NA
AMD Sempron Dual Core 4900	1081	2266	NA	NA
AMD Sempron LE-250	490	2587	NA	NA
AMD Sempron LE-1100	438	2645	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron LE-1200	531	2557	NA	NA
AMD Sempron LE-1250	543	2549	5.44	\$99.95*
AMD Sempron LE-1300	595	2521	28.37	\$21.00
AMD Sempron LE-1600	535	2554	NA	NA
AMD Sempron LE-1620	635	2502	NA	NA
AMD Sempron LE-1640	759	2444	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron M100	566	2540	47.17	\$12.00*
AMD Sempron M120	582	2529	NA	NA
AMD Sempron SI-40	447	2635	37.27	\$12.00*
AMD Sempron SI-42	456	2625	15.22	\$30.01*
AMD Sempron X2 180	1391	2082	20.05	\$69.40*
AMD Sempron X2 190	1534	2019	18.39	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	2075	NA	NA
AMD Turion 64 Mobile MK-36	465	2613	NA	NA
AMD Turion 64 Mobile MK-38	513	2570	NA	NA
AMD Turion 64 Mobile ML-28	390	2705	NA	NA
AMD Turion 64 Mobile ML-30	402	2685	NA	NA
AMD Turion 64 Mobile ML-32	402	2683	NA	NA
AMD Turion 64 Mobile ML-34	425	2660	NA	NA
AMD Turion 64 Mobile ML-37	446	2636	2.27	\$196.50*
AMD Turion 64 Mobile ML-40	522	2564	NA	NA
AMD Turion 64 Mobile ML-42	615	2511	NA	NA
AMD Turion 64 Mobile ML-44	591	2522	NA	NA
AMD Turion 64 Mobile MT-28	419	2663	NA	NA
AMD Turion 64 Mobile MT-30	378	2712	NA	NA
AMD Turion 64 Mobile MT-32	426	2659	NA	NA
AMD Turion 64 Mobile MT-34	429	2655	NA	NA
AMD Turion 64 Mobile MT-37	484	2597	NA	NA
AMD Turion 64 Mobile MT-40	536	2553	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2450	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2439	NA	NA
AMD Turion 64 X2 Mobile TL-56	891	2385	63.89	\$13.95*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 X2 Mobile TL-60	998	2312	62.61	\$15.95*
AMD Turion 64 X2 Mobile TL-62	1092	2257	3.51	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1090	2258	27.69	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2231	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2218	12.92	\$90.00*
AMD Turion Dual-Core RM-70	912	2375	36.49	\$25.00*
AMD Turion Dual-Core RM-72	860	2394	21.52	\$39.99*
AMD Turion Dual-Core RM-74	1016	2300	NA	NA
AMD Turion Dual-Core RM-75	1003	2308	36.53	\$27.46*
AMD Turion II Dual-Core Mobile M500	1293	2137	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2130	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	2114	NA	NA
AMD Turion II N530 Dual-Core	1567	2005	52.24	\$30.00*
AMD Turion II N550 Dual-Core	1521	2022	NA	NA
AMD Turion II Neo K625 Dual-Core	977	2326	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2203	NA	NA
AMD Turion II Neo N40L Dual-Core	930	2362	NA	NA
AMD Turion II Neo N54L Dual-Core	1363	2098	NA	NA
AMD Turion II P520 Dual-Core	1360	2101	NA	NA
AMD Turion II P540 Dual-Core	1432	2067	28.67	\$49.95*
AMD Turion II P560 Dual-Core	1515	2029	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	2077	52.55	\$26.76*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II Ultra Dual-Core Mobile M620	1435	2065	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1670	1951	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	2020	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2421	NA	NA
AMD Turion X2 Dual Core L510	923	2368	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2396	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2275	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	994	2319	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is)	Rank (lower is)	CPU Value (higher is)	Price (USD)
AMD Turion X2 Dual-Core Mobile RM-74	1059	2274	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1120	2236	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2227	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1023	2293	16.51	\$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2264	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2189	63.72	\$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2177	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1295	2136	23.56	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1205	2192	30.18	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2314	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2290	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	2057	NA	NA
AMD V105	299	2805	NA	NA
AMD V120	623	2509	NA	NA
AMD V140	643	2499	12.89	\$49.95*
AMD V160	677	2484	NA	NA
AMD Z-01	523	2563	NA	NA
AMD Z-60 APU	500	2580	NA	NA
AMD-K6 3D	90	2981	NA	NA
AMD-K6-III	108	2978	NA	NA
AMD-K7	403	2682	NA	NA
Athlon 64 Dual Core 3800+	1234	2178	NA	NA
Athlon 64 Dual Core 4200+	1156	2222	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	2095	NA	NA
Athlon 64 Dual Core 5000+	1507	2034	NA	NA
Athlon 64 Dual Core 5400+	1614	1984	NA	NA
Athlon 64 Dual Core 5600+	1548	2011	NA	NA
Athlon Dual Core 4050e	968	2332	NA	NA
Athlon Dual Core 4450e	1204	2193	NA	NA
Athlon Dual Core 4850e	1346	2109	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Celeron Dual-Core T3000 @ 1.80GHz	1086	2261	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1172	2211	27.91	\$42.00
Celeron Dual-Core T3300 @ 2.00GHz	1201	2197	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1274	2156	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2191	NA	NA
HP Hexa-Core 2.0GHz	2178	1707	4.32	\$504.27*
Intel 2.80GHz	525	2561	NA	NA
Intel 1300 @ 1.66GHz	857	2397	NA	NA
Intel 1400 @ 1.83GHz	980	2324	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel 1500 @ 2.00GHz	1024	2291	NA	NA
Intel Atom 230 @ 1.60GHz	307	2792	NA	NA
Intel Atom 330 @ 1.60GHz	587	2526	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2383	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2340	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1746	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2141	1720	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1711	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3768	1188	16.24	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1298	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1355	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1600	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1568	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	970	14.62	\$332.00*
Intel Atom C3958 @ 2.00GHz	6586	730	14.67	\$449.00*
Intel Atom D410 @ 1.66GHz	301	2801	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2753	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	658	2492	6.78	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2467	NA	NA
Intel Atom D2500 @ 1.86GHz	403	2680	NA	NA
Intel Atom D2550 @ 1.86GHz	683	2482	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2464	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2406	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom E660 @ 1.30GHz	271	2852	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2750	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2767	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2531	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2588	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2402	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2219	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	2036	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1848	NA	NA
Intel Atom E3950 @ 1.60GHz	1876	1845	NA	NA
Intel Atom K510 @ 1.66GHz	658	2491	NA	NA
Intel Atom N270 @ 1.60GHz	269	2856	NA	NA
Intel Atom N280 @ 1.66GHz	282	2834	NA	NA
Intel Atom N435 @ 1.33GHz	261	2864	NA	NA
Intel Atom N450 @ 1.66GHz	296	2811	NA	NA
Intel Atom N455 @ 1.66GHz	283	2833	NA	NA
Intel Atom N470 @ 1.83GHz	332	2766	NA	NA
Intel Atom N475 @ 1.83GHz	314	2783	NA	NA
Intel Atom N550 @ 1.50GHz	524	2562	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	574	2536	6.68	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2797	NA	NA
Intel Atom N2600 @ 1.60GHz	527	2559	NA	NA
Intel Atom N2800 @ 1.86GHz	625	2508	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2371	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1765	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom x5-E3930 @ 1.30GHz	811	2422	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1600	1992	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1191	2199	8.96	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1029	2288	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1275	2154	60.76	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1696	1937	27.11	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1835	1867	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Atom x7-Z8750 @ 1.60GHz	1894	1834	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2932	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2908	NA	NA
Intel Atom Z520 @ 1.33GHz	217	2909	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2841	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2747	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2709	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2888	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2539	NA	NA
Intel Atom Z3735D @ 1.33GHz	937	2357	NA	NA
Intel Atom Z3735E @ 1.33GHz	948	2352	8.10	\$117.00*
Intel Atom Z3735F @ 1.33GHz	914	2372	5.04	\$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2379	NA	NA
Intel Atom Z3736F @ 1.33GHz	912	2374	NA	NA
Intel Atom Z3740 @ 1.33GHz	1068	2271	NA	NA
Intel Atom Z3740D @ 1.33GHz	1011	2301	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2269	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1018	2299	NA	NA
Intel Atom Z3770 @ 1.46GHz	1252	2168	8.38	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2426	NA	NA
Intel Atom Z3775 @ 1.46GHz	1275	2155	36.44	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2152	NA	NA
Intel Atom Z3795 @ 1.60GHz	1804	1880	NA	NA
Intel Celeron 1.70GHz	130	2971	NA	NA
Intel Celeron 1.80GHz	136	2968	NA	NA
Intel Celeron 2.00GHz	182	2944	NA	NA
Intel Celeron 2.10GHz	244	2886	NA	NA
Intel Celeron 2.13GHz	208	2919	NA	NA
Intel Celeron 2.20GHz	213	2914	NA	NA
Intel Celeron 2.26GHz	223	2903	NA	NA
Intel Celeron 2.30GHz	227	2900	NA	NA
Intel Celeron 2.40GHz	217	2910	NA	NA
Intel Celeron 2.50GHz	247	2880	NA	NA
Intel Celeron 2.53GHz	245	2884	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.66GHz	249	2878	NA	NA
Intel Celeron 2.70GHz	245	2885	NA	NA
Intel Celeron 2.80GHz	254	2870	NA	NA
Intel Celeron 2.93GHz	283	2832	NA	NA
Intel Celeron 3.06GHz	284	2830	NA	NA
Intel Celeron 3.20GHz	288	2822	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3.33GHz	333	2764	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2773	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2775	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2630	11.27	\$39.99*
Intel Celeron 430 @ 1.80GHz	487	2589	10.21	\$47.74
Intel Celeron 440 @ 2.00GHz	544	2547	24.38	\$22.33
Intel Celeron 450 @ 2.20GHz	626	2505	20.90	\$29.99*
Intel Celeron 530 @ 1.73GHz	474	2607	20.62	\$22.99*
Intel Celeron 540 @ 1.86GHz	521	2565	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2567	7.96	\$64.95
Intel Celeron 560 @ 2.13GHz	531	2556	6.65	\$79.95
Intel Celeron 570 @ 2.26GHz	517	2566	NA	NA
Intel Celeron 600MHz	147	2964	NA	NA
Intel Celeron 723 @ 1.20GHz	390	2704	NA	NA
Intel Celeron 743 @ 1.30GHz	421	2662	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2447	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2725	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2512	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2360	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1021	2295	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2229	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2210	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1291	2139	NA	NA
Intel Celeron 887 @ 1.50GHz	1280	2150	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2485	23.34	\$28.99
Intel Celeron 925 @ 2.30GHz	691	2477	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1000MHz	213	2913	NA	NA
Intel Celeron 1005M @ 1.90GHz	1808	1877	NA	NA
Intel Celeron 1007U @ 1.50GHz	1390	2084	7.52	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1508	2033	NA	NA
Intel Celeron 1019Y @ 1.00GHz	954	2345	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1689	NA	NA
Intel Celeron 1037U @ 1.80GHz	1736	1911	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2201	NA	NA
Intel Celeron 1066MHz	259	2866	NA	NA
Intel Celeron 1100MHz	174	2950	NA	NA
Intel Celeron 1133MHz	282	2835	NA	NA
Intel Celeron 1200MHz	244	2887	NA	NA
Intel Celeron 1300MHz	288	2824	NA	NA
Intel Celeron 1333MHz	290	2818	NA	NA
Intel Celeron 1400MHz	302	2798	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1634	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1987	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1984	1787	NA	NA
Intel Celeron 2955U @ 1.40GHz	1413	2076	NA	NA
Intel Celeron 2957U @ 1.40GHz	1433	2066	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2244	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1649	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2980U @ 1.60GHz	1593	1998	NA	NA
Intel Celeron 2981U @ 1.60GHz	1364	2097	NA	NA
Intel Celeron 3205U @ 1.50GHz	1503	2037	5.24	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1652	1966	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1932	NA	NA
Intel Celeron 3765U @ 1.90GHz	1948	1808	NA	NA
Intel Celeron 3855U @ 1.60GHz	1685	1943	NA	NA
Intel Celeron 3865U @ 1.80GHz	1918	1824	NA	NA
Intel Celeron 3867U @ 1.80GHz	1852	1857	17.31	\$107.00*
Intel Celeron 3955U @ 2.00GHz	1934	1813	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Celeron 3965Y @ 1.50GHz	1607	1986	15.03	\$107.00*
Intel Celeron 4205U @ 1.80GHz	1977	1790	18.48	\$107.00*
Intel Celeron @ 1.30GHz	965	2334	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2938	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2419	NA	NA
Intel Celeron B800 @ 1.50GHz	1278	2151	NA	NA
Intel Celeron B810 @ 1.60GHz	1395	2081	NA	NA
Intel Celeron B815 @ 1.60GHz	1363	2099	NA	NA
Intel Celeron B820 @ 1.70GHz	1430	2068	36.42	\$39.29*
Intel Celeron B830 @ 1.80GHz	1512	2032	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1917	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2854	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2799	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2780	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2759	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2679	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2601	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2527	NA	NA
Intel Celeron E1200 @ 1.60GHz	860	2395	8.60	\$99.99
Intel Celeron E1400 @ 2.00GHz	1053	2278	15.05	\$69.99
Intel Celeron E1500 @ 2.20GHz	1168	2214	59.47	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2164	NA	NA
Intel Celeron E3200 @ 2.40GHz	1382	2087	26.59	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1389	2085	55.62	\$24.98
Intel Celeron E3400 @ 2.60GHz	1441	2063	2.36	\$610.00*
Intel Celeron E3500 @ 2.70GHz	1454	2056	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	694	2474	13.90	\$49.99*
Intel Celeron G460 @ 1.80GHz	1035	2286	15.93	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2272	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2134	NA	NA
Intel Celeron G530 @ 2.40GHz	2128	1728	53.22	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1918	NA	NA
Intel Celeron G540 @ 2.50GHz	2197	1703	48.84	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1733	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G550T @ 2.20GHz	2032	1769	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1610	22.23	\$109.00
Intel Celeron G1101 @ 2.27GHz	1667	1955	84.34	\$19.77*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1610 @ 2.60GHz	2488	1589	52.94	\$47.00
Intel Celeron G1610T @ 2.30GHz	2256	1677	56.35	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2576	1551	39.65	\$64.99
Intel Celeron G1620T @ 2.40GHz	2353	1639	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1587	35.63	\$69.99
Intel Celeron G1820 @ 2.70GHz	2749	1499	45.83	\$59.99
Intel Celeron G1820T @ 2.40GHz	2495	1586	59.42	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1725	NA	NA
Intel Celeron G1830 @ 2.80GHz	2568	1556	27.05	\$94.95*
Intel Celeron G1840 @ 2.80GHz	2860	1463	46.34	\$61.73
Intel Celeron G1840T @ 2.50GHz	2554	1561	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1442	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3131	1367	66.65	\$46.98
Intel Celeron G3900E @ 2.40GHz	2679	1519	25.05	\$107.00*
Intel Celeron G3900T @ 2.60GHz	2925	1438	26.01	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1545	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3129	1369	27.45	\$113.99*
Intel Celeron G3930 @ 2.90GHz	3040	1398	33.94	\$89.59
Intel Celeron G3930T @ 2.70GHz	2766	1491	39.64	\$69.79*
Intel Celeron G3930TE @ 2.70GHz	2970	1421	70.72	\$42.00*
Intel Celeron G3950 @ 3.00GHz	3049	1396	27.97	\$109.04
Intel Celeron G4900 @ 3.10GHz	3293	1313	60.99	\$54.00
Intel Celeron G4900T @ 2.90GHz	3096	1378	73.72	\$42.00*
Intel Celeron G4920 @ 3.20GHz	3220	1335	42.10	\$76.50*
Intel Celeron G4930 @ 3.20GHz	3503	1260	71.87	\$48.75
Intel Celeron J1750 @ 2.41GHz	1037	2285	NA	NA
Intel Celeron J1800 @ 2.41GHz	1019	2297	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1982	NA	NA
Intel Celeron J1900 @ 1.99GHz	1852	1855	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron J3160 @ 1.60GHz	1798	1883	NA	NA
Intel Celeron J3355 @ 2.00GHz	1155	2223	NA	NA
Intel Celeron J3455 @ 1.50GHz	2114	1734	5.87	\$359.99
Intel Celeron J4005 @ 2.00GHz	1544	2012	10.42	\$148.31
Intel Celeron J4105 @ 1.50GHz	2642	1530	24.70	\$107.00*
Intel Celeron M 1.00GHz	207	2920	1.60	\$129.95
Intel Celeron M 1.30GHz	316	2779	NA	NA
Intel Celeron M 1.50GHz	343	2755	NA	NA
Intel Celeron M 1.60GHz	362	2736	NA	NA
Intel Celeron M 1.70GHz	393	2699	NA	NA
Intel Celeron M 360 1.40GHz	328	2769	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2781	NA	NA
Intel Celeron M 420 @ 1.60GHz	334	2763	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2727	NA	NA
Intel Celeron M 440 @ 1.86GHz	392	2700	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2872	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2631	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2654	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2616	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 540 @ 1.86GHz	542	2550	NA	NA
Intel Celeron M 600MHz	151	2962	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2624	NA	NA
Intel Celeron M 900MHz	204	2922	NA	NA
Intel Celeron M 1200MHz	275	2850	NA	NA
Intel Celeron M 1300MHz	303	2795	NA	NA
Intel Celeron M 1500MHz	333	2765	NA	NA
Intel Celeron M ULV 800MHz	184	2942	NA	NA
Intel Celeron N2805 @ 1.46GHz	460	2621	NA	NA
Intel Celeron N2806 @ 1.60GHz	802	2427	NA	NA
Intel Celeron N2807 @ 1.58GHz	861	2393	NA	NA
Intel Celeron N2808 @ 1.58GHz	907	2378	NA	NA
Intel Celeron N2810 @ 2.00GHz	787	2432	5.62	\$139.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Celeron N2820 @ 2.13GHz	937	2358	8.52	\$109.99
Intel Celeron N2830 @ 2.16GHz	965	2333	NA	NA
Intel Celeron N2840 @ 2.16GHz	1003	2307	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2194	NA	NA
Intel Celeron N2920 @ 1.86GHz	1515	2031	NA	NA
Intel Celeron N2930 @ 1.83GHz	1659	1962	NA	NA
Intel Celeron N2940 @ 1.83GHz	1722	1914	NA	NA
Intel Celeron N3000 @ 1.04GHz	899	2381	NA	NA
Intel Celeron N3010 @ 1.04GHz	973	2328	NA	NA
Intel Celeron N3050 @ 1.60GHz	879	2386	5.68	\$154.99
Intel Celeron N3060 @ 1.60GHz	985	2322	NA	NA
Intel Celeron N3150 @ 1.60GHz	1666	1956	NA	NA
Intel Celeron N3160 @ 1.60GHz	1664	1959	5.94	\$279.99
Intel Celeron N3350 @ 1.10GHz	1112	2243	NA	NA
Intel Celeron N3450 @ 1.10GHz	1850	1858	11.63	\$159.14
Intel Celeron N4000 @ 1.10GHz	1428	2069	13.35	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2266	1673	21.18	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1116	2238	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2317	NA	NA
Intel Celeron P4600 @ 2.00GHz	1328	2118	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2436	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2349	47.54	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2276	35.29	\$29.99*
Intel Celeron U1900 @ 1.99GHz	1704	1931	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2459	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2479	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2424	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2279	6.57	\$159.95*
Intel Core2 Duo E4400 @ 2.00GHz	1158	2221	23.18	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1270	2158	17.84	\$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1384	2086	8.77	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	2048	54.88	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1108	2247	85.33	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2204	23.72	\$49.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6420 @ 2.13GHz	1359	2102	27.20	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	2059	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1497	2040	100.18	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1554	2010	103.73	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1939	56.46	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1712	1923	166.27	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1945	1809	38.92	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1624	1980	33.16	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1727	1913	43.31	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1769	1892	61.05	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1873	1847	125.01	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1961	1799	16.35	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1490	2043	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1761	1895	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1882	1843	37.66	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1802	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1637	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1989	1785	99.53	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1859	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1729	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2148	1719	47.22	\$45.50*
Intel Core2 Duo E8435 @ 3.06GHz	2097	1740	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2281	1663	57.06	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2397	1621	56.48	\$42.45*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1698	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2441	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2480	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2415	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2404	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	961	2339	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2329	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2237	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo L9600 @ 2.13GHz	1346	2108	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	2141	64.49	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1311	2126	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	2073	35.42	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2355	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	2026	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1455	2055	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2294	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1453	2058	4.89	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	2018	31.25	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1981	42.76	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1739	1908	30.53	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	2007	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1753	1902	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1754	1901	17.72	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1866	1849	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P9700 @ 2.80GHz	2015	1777	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2525	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1251	2170	4.95	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1945	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	925	2365	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	833	2410	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	839	2408	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2420	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	933	2361	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2373	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2377	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2369	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1039	2284	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2289	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2318	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1092	2256	109.39	\$9.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5850 @ 2.16GHz	1203	2195	75.69	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1149	2226	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2188	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2181	81.79	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1285	2146	85.78	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1258	2163	32.68	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1358	2103	71.90	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1358	2104	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1020	2296	46.39	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1168	2216	11.69	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1114	2240	5.53	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1194	2198	38.55	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1250	2172	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1271	2157	29.58	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1378	2092	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1425	2070	10.18	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1597	1994	2.63	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1298	2135	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1471	2051	13.50	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1673	1947	28.86	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1738	1910	38.67	\$44.95*
Intel Core2 Duo T9500 @ 2.60GHz	1792	1885	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1803	1881	6.03	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1818	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2018	1776	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2137	1721	5.36	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	873	2388	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2523	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	669	2487	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2473	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	855	2400	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1129	2235	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1222	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3623	1225	2.42	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1272	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1875	1846	7.11	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1882	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2116	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1688	1940	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1835	4.62	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2073	1751	2.44	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4157	1109	4.83	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	1038	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4605	1016	2.86	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	1005	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2947	1428	73.71	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3280	1316	72.92	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2807	1479	122.14	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2980	1415	59.62	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3161	1356	13.18	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2525	1571	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1327	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3152	1361	15.80	\$199.50*
Intel Core2 Quad Q9400 @ 2.66GHz	3337	1304	69.49	\$48.03*
Intel Core2 Quad Q9450 @ 2.66GHz	3757	1194	105.24	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3521	1253	100.63	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3520	1254	18.53	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3962	1144	89.07	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4155	1110	38.09	\$109.11
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1149	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2738	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2788	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2666	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	465	2612	NA	NA
Intel Core 330 @ 1.60GHz	643	2498	NA	NA
Intel Core 860 @ 2.80GHz	4555	1024	28.65	\$159.00

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo L2400 @ 1.66GHz	705	2470	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2449	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2476	NA	NA
Intel Core Duo T2250 @ 1.73GHz	754	2445	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2457	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2440	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2431	49.63	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2414	NA	NA
Intel Core Duo T2500 @ 2.00GHz	862	2392	7.19	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2356	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2292	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2548	NA	NA
Intel Core Duo U2500 @ 1.20GHz	507	2576	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-330E @ 2.13GHz	1935	1812	NA	NA
Intel Core i3-330M @ 2.13GHz	1785	1887	11.16	\$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2270	NA	NA
Intel Core i3-350M @ 2.27GHz	1891	1837	112.92	\$16.75
Intel Core i3-370M @ 2.40GHz	2014	1778	50.41	\$39.96*
Intel Core i3-380M @ 2.53GHz	2093	1742	34.93	\$59.95
Intel Core i3-380UM @ 1.33GHz	1159	2220	NA	NA
Intel Core i3-390M @ 2.67GHz	2172	1709	55.78	\$38.95*
Intel Core i3-530 @ 2.93GHz	2564	1558	23.75	\$108.00
Intel Core i3-540 @ 3.07GHz	2685	1517	14.14	\$189.95
Intel Core i3-550 @ 3.20GHz	2829	1470	16.10	\$175.74
Intel Core i3-560 @ 3.33GHz	2935	1432	16.31	\$179.95
Intel Core i3-1005G1 @ 1.20GHz	5929	795	21.10	\$281.00*
Intel Core i3-2100 @ 3.10GHz	3692	1213	66.34	\$55.66
Intel Core i3-2100T @ 2.50GHz	2980	1414	49.68	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1201	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3712	1208	32.29	\$114.99*
Intel Core i3-2120 @ 3.30GHz	3932	1156	78.67	\$49.99
Intel Core i3-2120T @ 2.60GHz	3155	1359	126.28	\$24.99

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2130 @ 3.40GHz	4070	1124	66.74	\$60.99
Intel Core i3-2140 @ 3.50GHz	4325	1076	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1465	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2432	1607	62.68	\$38.81
Intel Core i3-2312M @ 2.10GHz	2374	1630	NA	NA
Intel Core i3-2328M @ 2.20GHz	2544	1565	27.37	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1387	NA	NA
Intel Core i3-2330M @ 2.20GHz	2527	1570	50.61	\$49.95*
Intel Core i3-2332M @ 2.20GHz	2382	1627	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1916	NA	NA
Intel Core i3-2348M @ 2.30GHz	2621	1536	NA	NA
Intel Core i3-2350M @ 2.30GHz	2630	1534	81.67	\$32.21
Intel Core i3-2357M @ 1.30GHz	1556	2009	NA	NA
Intel Core i3-2365M @ 1.40GHz	1682	1944	NA	NA
Intel Core i3-2367M @ 1.40GHz	1707	1928	NA	NA
Intel Core i3-2370M @ 2.40GHz	2778	1488	69.79	\$39.81*
Intel Core i3-2375M @ 1.50GHz	1773	1891	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1872	NA	NA
Intel Core i3-3110M @ 2.40GHz	3082	1383	38.55	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3225	1333	29.33	\$110.00*
Intel Core i3-3130M @ 2.60GHz	3389	1287	NA	NA
Intel Core i3-3210 @ 3.20GHz	4044	1128	20.33	\$199.00*
Intel Core i3-3217U @ 1.80GHz	2304	1653	10.02	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1713	NA	NA
Intel Core i3-3220 @ 3.30GHz	4246	1092	76.30	\$55.66
Intel Core i3-3220T @ 2.80GHz	3693	1212	29.55	\$125.00
Intel Core i3-3225 @ 3.30GHz	4346	1069	13.37	\$324.99
Intel Core i3-3227U @ 1.90GHz	2468	1595	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1934	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3240 @ 3.40GHz	4316	1080	86.32	\$50.00
Intel Core i3-3240T @ 2.90GHz	3666	1220	NA	NA
Intel Core i3-3245 @ 3.40GHz	4467	1046	25.97	\$172.01

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Core i3-3250 @ 3.00GHz	3614	1227	NA	NA
Intel Core i3-4000M @ 2.40GHz	3257	1321	16.29	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2446	1604	NA	NA
Intel Core i3-4010U @ 1.70GHz	2443	1605	16.29	\$149.99
Intel Core i3-4010Y @ 1.30GHz	1900	1832	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2157	1717	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2214	1696	NA	NA
Intel Core i3-4025U @ 1.90GHz	2789	1485	NA	NA
Intel Core i3-4030U @ 1.90GHz	2717	1509	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1581	NA	NA
Intel Core i3-4100M @ 2.50GHz	3432	1277	15.71	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3854	1166	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1449	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1395	NA	NA
Intel Core i3-4130 @ 3.40GHz	4804	976	53.39	\$89.99
Intel Core i3-4130T @ 2.90GHz	4152	1111	46.67	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4901	958	48.85	\$100.34
Intel Core i3-4150T @ 3.00GHz	4227	1094	18.39	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1440	NA	NA
Intel Core i3-4160 @ 3.60GHz	5049	927	56.11	\$89.99
Intel Core i3-4160T @ 3.10GHz	4465	1047	29.77	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5188	902	19.45	\$266.79
Intel Core i3-4170T @ 3.20GHz	4489	1040	21.38	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5087	915	46.05	\$110.49
Intel Core i3-4330T @ 3.00GHz	4485	1043	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1337	NA	NA
Intel Core i3-4340 @ 3.60GHz	5245	892	30.86	\$169.99*
Intel Core i3-4350 @ 3.60GHz	4990	940	29.36	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	1083	NA	NA
Intel Core i3-4360 @ 3.70GHz	5446	862	21.03	\$259.00*
Intel Core i3-4360T @ 3.20GHz	4636	1006	NA	NA
Intel Core i3-4370 @ 3.80GHz	5617	832	18.18	\$309.00*
Intel Core i3-4370T @ 3.30GHz	4870	963	35.29	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	951	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-5010U @ 2.10GHz	3058	1392	9.06	\$337.76*
Intel Core i3-5015U @ 2.10GHz	2973	1418	NA	NA
Intel Core i3-5020U @ 2.20GHz	3198	1340	6.97	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	1219	NA	NA
Intel Core i3-6006U @ 2.00GHz	3078	1386	NA	NA
Intel Core i3-6098P @ 3.60GHz	5387	870	40.28	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5484	853	42.52	\$128.99
Intel Core i3-6100E @ 2.70GHz	3769	1187	NA	NA
Intel Core i3-6100H @ 2.70GHz	4188	1101	NA	NA
Intel Core i3-6100T @ 3.20GHz	4858	968	35.99	\$134.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-6100TE @ 2.70GHz	4315	1081	NA	NA
Intel Core i3-6100U @ 2.30GHz	3604	1231	7.00	\$515.00*
Intel Core i3-6102E @ 1.90GHz	3196	1342	14.20	\$225.00*
Intel Core i3-6157U @ 2.40GHz	3826	1176	NA	NA
Intel Core i3-6300 @ 3.80GHz	5843	806	36.75	\$158.99*
Intel Core i3-6300T @ 3.30GHz	5247	891	33.86	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6046	787	14.93	\$405.00
Intel Core i3-7020U @ 2.30GHz	3520	1256	12.53	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5779	811	48.16	\$120.00
Intel Core i3-7100H @ 3.00GHz	4627	1010	20.57	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5049	928	34.77	\$145.20
Intel Core i3-7100U @ 2.40GHz	3761	1192	10.45	\$359.99
Intel Core i3-7101TE @ 3.40GHz	5189	901	44.36	\$117.00*
Intel Core i3-7102E @ 2.10GHz	3266	1318	14.52	\$225.00*
Intel Core i3-7130U @ 2.70GHz	4062	1125	8.83	\$459.99*
Intel Core i3-7167U @ 2.80GHz	4757	984	NA	NA
Intel Core i3-7300 @ 4.00GHz	6328	754	36.83	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	874	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6417	746	35.12	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6593	729	33.90	\$194.49
Intel Core i3-8100 @ 3.60GHz	8005	584	61.59	\$129.99
Intel Core i3-8100B @ 3.60GHz	8544	531	64.24	\$133.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8109U @ 3.00GHz	6118	774	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	977	NA	NA
Intel Core i3-8130U @ 2.20GHz	5018	936	17.86	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5501	852	19.58	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8700	516	45.63	\$190.69
Intel Core i3-8300T @ 3.20GHz	8032	579	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9237	455	49.94	\$184.99*
Intel Core i3-9100 @ 3.60GHz	8923	495	55.20	\$161.64
Intel Core i3-9100F @ 3.60GHz	8947	492	94.05	\$95.14
Intel Core i3-9100T @ 3.10GHz	7585	631	62.17	\$122.00*
Intel Core i3-9300 @ 3.70GHz	10018	376	65.91	\$152.00*
Intel Core i3-9300T @ 3.20GHz	8777	508	61.38	\$143.00*
Intel Core i3-9320 @ 3.70GHz	10144	364	62.62	\$162.00*
Intel Core i3-9350KF @ 4.00GHz	10526	342	45.67	\$230.49
Intel Core i3-10110U @ 2.10GHz	6033	788	NA	NA
Intel Core i3-21050 @ 3.10GHz	3862	1165	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1704	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1591	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3542	1244	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3676	1217	NA	NA
Intel Core i5-430M @ 2.27GHz	2094	1741	14.97	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	2112	NA	NA
Intel Core i5-450M @ 2.40GHz	2133	1724	66.76	\$31.95*
Intel Core i5-460M @ 2.53GHz	2320	1642	30.96	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1079	2268	NA	NA
Intel Core i5-480M @ 2.67GHz	2400	1619	29.78	\$80.60*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-520 @ 2.40GHz	2244	1684	NA	NA
Intel Core i5-520M @ 2.40GHz	2367	1632	79.41	\$29.81
Intel Core i5-520UM @ 1.07GHz	1348	2107	NA	NA
Intel Core i5-540M @ 2.53GHz	2452	1601	36.07	\$68.00
Intel Core i5-540UM @ 1.20GHz	1375	2093	NA	NA
Intel Core i5-560M @ 2.67GHz	2578	1550	31.46	\$81.97*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Core i5-580M @ 2.67GHz	2582	1548	23.49	\$109.95*
Intel Core i5-650 @ 3.20GHz	3096	1379	86.02	\$35.99
Intel Core i5-655K @ 3.20GHz	3386	1289	56.45	\$59.99*
Intel Core i5-660 @ 3.33GHz	3246	1325	9.02	\$359.95
Intel Core i5-661 @ 3.33GHz	3192	1343	13.88	\$229.99*
Intel Core i5-670 @ 3.47GHz	3309	1309	11.86	\$279.00*
Intel Core i5-680 @ 3.60GHz	3513	1258	39.04	\$89.99*
Intel Core i5-750 @ 2.67GHz	3719	1203	92.55	\$40.19
Intel Core i5-760 @ 2.80GHz	3936	1155	18.83	\$209.00*
Intel Core i5-1035G1 @ 1.00GHz	9072	471	30.55	\$297.00*
Intel Core i5-1035G4 @ 1.10GHz	8868	503	28.70	\$309.00*
Intel Core i5-1035G7 @ 1.20GHz	9214	458	28.79	\$320.00*
Intel Core i5-2300 @ 2.80GHz	5362	876	67.04	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5536	848	29.72	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5774	814	62.09	\$93.00
Intel Core i5-2380P @ 3.10GHz	5762	817	32.01	\$180.00
Intel Core i5-2390T @ 2.70GHz	4223	1096	42.27	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5973	790	112.81	\$52.95
Intel Core i5-2400S @ 2.50GHz	4989	941	27.42	\$182.00
Intel Core i5-2405S @ 2.50GHz	5082	918	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3172	1350	44.06	\$72.00*
Intel Core i5-2415M @ 2.30GHz	3303	1311	NA	NA
Intel Core i5-2430M @ 2.40GHz	3287	1314	36.92	\$89.02*
Intel Core i5-2435M @ 2.40GHz	3232	1328	NA	NA
Intel Core i5-2450M @ 2.50GHz	3401	1281	40.49	\$84.02*
Intel Core i5-2450P @ 3.20GHz	6149	770	68.34	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2317	1644	NA	NA
Intel Core i5-2500 @ 3.30GHz	6353	751	115.53	\$55.00
Intel Core i5-2500K @ 3.30GHz	6488	738	14.94	\$434.26*
Intel Core i5-2500S @ 2.70GHz	5386	871	71.84	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4647	1004	51.64	\$89.99*
Intel Core i5-2510E @ 2.50GHz	3483	1264	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1308	NA	NA
Intel Core i5-2520M @ 2.50GHz	3593	1233	21.19	\$169.60*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2540M @ 2.60GHz	3780	1185	65.16	\$58.02
Intel Core i5-2550K @ 3.40GHz	6672	722	35.12	\$190.00*
Intel Core i5-2557M @ 1.70GHz	2694	1515	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1195	NA	NA
Intel Core i5-3210M @ 2.50GHz	3828	1174	56.10	\$68.24*
Intel Core i5-3230M @ 2.60GHz	3944	1153	18.14	\$217.42*
Intel Core i5-3317U @ 1.70GHz	3091	1380	13.74	\$225.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3320M @ 2.60GHz	4132	1114	59.19	\$69.81*
Intel Core i5-3330 @ 3.00GHz	5953	793	29.77	\$200.00*
Intel Core i5-3330S @ 2.70GHz	5678	825	59.78	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	810	NA	NA
Intel Core i5-3337U @ 1.80GHz	3228	1332	14.35	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1695	NA	NA
Intel Core i5-3340 @ 3.10GHz	6102	778	20.83	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4249	1091	53.16	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	805	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6155	769	41.04	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4440	1054	47.84	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4454	1050	NA	NA
Intel Core i5-3427U @ 1.80GHz	3548	1242	8.45	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3628	1224	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1434	NA	NA
Intel Core i5-3450 @ 3.10GHz	6535	735	29.80	\$219.33*
Intel Core i5-3450S @ 2.80GHz	6233	759	42.99	\$145.01
Intel Core i5-3470 @ 3.20GHz	6725	716	126.18	\$53.30
Intel Core i5-3470S @ 2.90GHz	6397	748	49.01	\$130.53
Intel Core i5-3470T @ 2.90GHz	4489	1041	14.53	\$308.95
Intel Core i5-3475S @ 2.90GHz	6617	728	46.12	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6966	690	22.47	\$309.99
Intel Core i5-3550S @ 3.00GHz	6916	697	22.87	\$302.45*
Intel Core i5-3570 @ 3.40GHz	7143	673	95.25	\$75.00
Intel Core i5-3570K @ 3.40GHz	7186	670	22.12	\$324.88

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3570T @ 2.30GHz	5914	796	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3929	1157	NA	NA
Intel Core i5-4200H @ 2.80GHz	4461	1048	NA	NA
Intel Core i5-4200M @ 2.50GHz	4036	1129	49.77	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3281	1315	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1616	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2262	1674	NA	NA
Intel Core i5-4210H @ 2.90GHz	4532	1032	NA	NA
Intel Core i5-4210M @ 2.60GHz	4209	1099	13.58	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3403	1280	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2375	1629	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1651	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1448	NA	NA
Intel Core i5-4250U @ 1.30GHz	3376	1291	9.41	\$359.00*
Intel Core i5-4258U @ 2.40GHz	4090	1121	NA	NA
Intel Core i5-4260U @ 1.40GHz	3580	1239	NA	NA
Intel Core i5-4278U @ 2.60GHz	4371	1065	NA	NA
Intel Core i5-4288U @ 2.60GHz	4303	1082	NA	NA
Intel Core i5-4300M @ 2.60GHz	4446	1053	NA	NA
Intel Core i5-4300U @ 1.90GHz	3740	1199	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2502	1583	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1419	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	1097	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4310M @ 2.70GHz	4655	1002	NA	NA
Intel Core i5-4310U @ 2.00GHz	3782	1184	NA	NA
Intel Core i5-4330M @ 2.80GHz	4551	1027	16.55	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4861	967	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1228	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	1030	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1150	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1480	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6339	752	39.63	\$159.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is)	Rank (lower is)	CPU Value (higher is)	Price (USD)
Intel Core i5-4440 @ 3.10GHz	6519	736	13.12	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6256	756	13.51	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6723	717	32.46	\$207.12
Intel Core i5-4460S @ 2.90GHz	6430	743	9.74	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4971	945	NA	NA
Intel Core i5-4570 @ 3.20GHz	7155	672	106.43	\$67.23
Intel Core i5-4570R @ 2.70GHz	6768	707	NA	NA
Intel Core i5-4570S @ 2.90GHz	6836	701	48.17	\$141.94
Intel Core i5-4570T @ 2.90GHz	4816	973	22.94	\$209.95
Intel Core i5-4570TE @ 2.70GHz	3827	1175	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7343	655	74.03	\$99.20
Intel Core i5-4590S @ 3.00GHz	7075	678	33.52	\$211.07*
Intel Core i5-4590T @ 2.00GHz	5629	830	26.81	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7475	642	19.67	\$379.95
Intel Core i5-4670K @ 3.40GHz	7636	628	25.46	\$299.95
Intel Core i5-4670K CPT @ 3.40GHz	7411	651	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	648	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7399	652	34.74	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6155	768	23.76	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7690	622	31.55	\$243.77
Intel Core i5-4690K @ 3.50GHz	7799	609	49.06	\$159.00
Intel Core i5-4690S @ 3.20GHz	7435	646	20.70	\$359.21*
Intel Core i5-4690T @ 2.50GHz	6547	733	NA	NA
Intel Core i5-5200U @ 2.20GHz	3496	1262	12.44	\$281.00*
Intel Core i5-5250U @ 1.60GHz	3590	1235	8.13	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4411	1059	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	995	NA	NA
Intel Core i5-5300U @ 2.30GHz	3840	1171	7.07	\$543.39*
Intel Core i5-5350U @ 1.80GHz	3520	1255	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	639	NA	NA
Intel Core i5-5675C @ 3.10GHz	8135	568	26.25	\$309.95*
Intel Core i5-5675R @ 3.10GHz	7991	587	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4149	1112	NA	NA
Intel Core i5-6200U @ 2.30GHz	4010	1133	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6267U @ 2.90GHz	4888	959	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	986	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6098	781	NA	NA
Intel Core i5-6300U @ 2.40GHz	4365	1066	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6360U @ 2.00GHz	4686	997	NA	NA
Intel Core i5-6400 @ 2.70GHz	6754	711	29.52	\$228.83*
Intel Core i5-6400T @ 2.20GHz	5616	833	21.61	\$259.95*
Intel Core i5-6402P @ 2.80GHz	7102	675	37.38	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	761	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6807	703	NA	NA
Intel Core i5-6500 @ 3.20GHz	7248	663	45.05	\$160.89
Intel Core i5-6500T @ 2.50GHz	6306	755	43.50	\$144.99*
Intel Core i5-6500TE @ 2.30GHz	6580	731	31.34	\$209.99
Intel Core i5-6600 @ 3.30GHz	7776	612	29.67	\$262.13*
Intel Core i5-6600K @ 3.50GHz	8059	574	30.63	\$263.11*
Intel Core i5-6600T @ 2.70GHz	7273	660	24.25	\$299.95*
Intel Core i5-7200U @ 2.50GHz	4563	1023	16.24	\$281.00*
Intel Core i5-7260U @ 2.20GHz	5637	828	10.11	\$557.79
Intel Core i5-7267U @ 3.10GHz	5052	926	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	827	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6716	718	NA	NA
Intel Core i5-7300U @ 2.60GHz	5161	906	10.75	\$479.99
Intel Core i5-7360U @ 2.30GHz	5855	802	NA	NA
Intel Core i5-7400 @ 3.00GHz	7234	665	35.28	\$205.04
Intel Core i5-7400T @ 2.40GHz	6333	753	29.43	\$215.22
Intel Core i5-7440HQ @ 2.80GHz	7626	629	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	5901	798	23.60	\$250.00*
Intel Core i5-7500 @ 3.40GHz	7938	593	36.09	\$219.99
Intel Core i5-7500T @ 2.70GHz	6933	694	22.01	\$314.99*
Intel Core i5-7600 @ 3.50GHz	8623	524	36.01	\$239.50*
Intel Core i5-7600K @ 3.80GHz	9047	477	26.46	\$341.88
Intel Core i5-7600T @ 2.80GHz	7983	590	31.09	\$256.75

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8200Y @ 1.30GHz	4339	1072	14.91	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4227	1095	NA	NA
Intel Core i5-8250U @ 1.60GHz	7649	626	NA	NA
Intel Core i5-8257U @ 1.40GHz	10742	327	33.57	\$320.00*
Intel Core i5-8259U @ 2.30GHz	10995	309	8.19	\$1,342.61*
Intel Core i5-8265U @ 1.60GHz	8010	583	26.97	\$297.00*
Intel Core i5-8265UC @ 1.60GHz	7780	611	NA	NA
Intel Core i5-8279U @ 2.40GHz	10623	334	33.20	\$320.00*
Intel Core i5-8300H @ 2.30GHz	9469	429	37.88	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8947	491	NA	NA
Intel Core i5-8350U @ 1.70GHz	8135	567	27.39	\$297.00*
Intel Core i5-8365U @ 1.60GHz	8418	542	28.35	\$297.00*
Intel Core i5-8365UE @ 1.60GHz	8010	582	26.97	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11569	291	55.38	\$208.90
Intel Core i5-8400H @ 2.50GHz	10365	348	41.46	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9532	425	50.44	\$189.00
Intel Core i5-8500 @ 3.00GHz	11796	284	45.48	\$259.39
Intel Core i5-8500B @ 3.00GHz	12756	254	66.44	\$192.00*
Intel Core i5-8500T @ 2.10GHz	9971	385	42.55	\$234.36*
Intel Core i5-8600 @ 3.10GHz	12480	263	29.37	\$424.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8600K @ 3.60GHz	12679	258	48.98	\$258.89
Intel Core i5-8600T @ 2.30GHz	10981	311	29.92	\$366.99*
Intel Core i5-9300H @ 2.40GHz	9842	397	39.37	\$250.00*
Intel Core i5-9400 @ 2.90GHz	11979	281	60.20	\$199.00
Intel Core i5-9400F @ 2.90GHz	12108	278	83.51	\$144.99
Intel Core i5-9400H @ 2.50GHz	11435	292	45.74	\$250.00*
Intel Core i5-9400T @ 1.80GHz	9976	384	54.82	\$182.00*
Intel Core i5-9500 @ 3.00GHz	12450	264	49.81	\$249.95
Intel Core i5-9500F @ 3.00GHz	13021	244	64.46	\$202.00*
Intel Core i5-9500T @ 2.20GHz	10557	339	54.98	\$192.00*
Intel Core i5-9600 @ 3.10GHz	13931	211	62.19	\$224.00*
Intel Core i5-9600K @ 3.70GHz	13478	232	61.28	\$219.95

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Core i5-9600T @ 2.30GHz	11706	287	54.96	\$213.00*
Intel Core i5-10210U @ 1.60GHz	8726	515	29.38	\$297.00*
Intel Core i5-24050S @ 2.50GHz	4928	953	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3738	1200	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1796	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1564	NA	NA
Intel Core i7-620LM @ 2.00GHz	1954	1804	NA	NA
Intel Core i7-620M @ 2.67GHz	2717	1508	24.70	\$110.01
Intel Core i7-620UM @ 1.07GHz	1323	2121	NA	NA
Intel Core i7-640LM @ 2.13GHz	2245	1683	NA	NA
Intel Core i7-640M @ 2.80GHz	2827	1471	14.14	\$199.95*
Intel Core i7-640UM @ 1.20GHz	1638	1971	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1905	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1925	NA	NA
Intel Core i7-720QM @ 1.60GHz	3008	1405	27.36	\$109.95
Intel Core i7-740QM @ 1.73GHz	3191	1344	19.95	\$159.95*
Intel Core i7-820QM @ 1.73GHz	3220	1336	13.42	\$239.95*
Intel Core i7-840QM @ 1.87GHz	3411	1279	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	5023	934	17.33	\$289.95*
Intel Core i7-860S @ 2.53GHz	4919	954	24.60	\$199.99*
Intel Core i7-870 @ 2.93GHz	5339	879	56.00	\$95.35
Intel Core i7-870S @ 2.67GHz	4849	971	NA	NA
Intel Core i7-875K @ 2.93GHz	5421	863	16.90	\$320.76*
Intel Core i7-880 @ 3.07GHz	5505	850	9.44	\$583.00*
Intel Core i7-920 @ 2.67GHz	4913	956	119.84	\$41.00
Intel Core i7-920XM @ 2.00GHz	3724	1202	9.31	\$399.95*
Intel Core i7-930 @ 2.80GHz	5131	910	50.80	\$101.00*
Intel Core i7-940 @ 2.93GHz	5332	880	51.27	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3973	1141	NA	NA
Intel Core i7-950 @ 3.07GHz	5539	847	138.53	\$39.99
Intel Core i7-960 @ 3.20GHz	5796	809	20.70	\$280.00*
Intel Core i7-965 @ 3.20GHz	5850	804	41.79	\$139.99*
Intel Core i7-970 @ 3.20GHz	8356	549	16.72	\$499.95
Intel Core i7-975 @ 3.33GHz	6114	775	14.92	\$409.92

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-980X @ 3.33GHz	8748	514	7.88	\$1,109.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-985 @ 3.47GHz	6641	725	NA	NA
Intel Core i7-990X @ 3.47GHz	9055	476	25.87	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	401	NA	NA
Intel Core i7-1065G7 @ 1.30GHz	10816	324	NA	NA
Intel Core i7-2600 @ 3.40GHz	8184	564	70.43	\$116.20
Intel Core i7-2600K @ 3.40GHz	8434	540	57.61	\$146.41
Intel Core i7-2600S @ 2.80GHz	7093	676	23.78	\$298.26
Intel Core i7-2610UE @ 1.50GHz	2481	1593	NA	NA
Intel Core i7-2617M @ 1.50GHz	2812	1477	NA	NA
Intel Core i7-2620M @ 2.70GHz	3841	1170	22.62	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5522	849	53.71	\$102.81*
Intel Core i7-2630UM @ 1.60GHz	2584	1547	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5478	855	NA	NA
Intel Core i7-2637M @ 1.70GHz	2900	1450	NA	NA
Intel Core i7-2640M @ 2.80GHz	3926	1158	32.73	\$119.95
Intel Core i7-2655LE @ 2.20GHz	3229	1331	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5878	800	42.47	\$138.40*
Intel Core i7-2675QM @ 2.20GHz	5546	846	NA	NA
Intel Core i7-2677M @ 1.80GHz	2833	1468	NA	NA
Intel Core i7-2700K @ 3.50GHz	8689	519	28.96	\$300.00
Intel Core i7-2710QE @ 2.10GHz	5768	816	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	875	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6102	779	19.75	\$309.00
Intel Core i7-2760QM @ 2.40GHz	6554	732	31.22	\$209.95*
Intel Core i7-2820QM @ 2.30GHz	6643	724	34.78	\$191.02*
Intel Core i7-2840QM @ 2.40GHz	6766	708	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6949	692	12.85	\$541.00*
Intel Core i7-2920XM @ 2.50GHz	6998	684	15.89	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7224	667	17.62	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3540	1245	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3150	1362	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3537U @ 2.00GHz	3809	1181	NA	NA
Intel Core i7-3540M @ 3.00GHz	4669	998	10.86	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1142	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	734	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7458	644	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	719	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6818	702	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	643	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7389	653	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7581	632	31.72	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6927	695	30.92	\$224.05
Intel Core i7-3635QM @ 2.40GHz	6677	721	NA	NA
Intel Core i7-3667U @ 2.00GHz	3974	1140	NA	NA
Intel Core i7-3687U @ 2.10GHz	4136	1113	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1334	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8123	570	22.38	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	8306	554	34.62	\$239.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3770 @ 3.40GHz	9277	452	77.97	\$119.00
Intel Core i7-3770K @ 3.50GHz	9515	426	30.69	\$309.99
Intel Core i7-3770S @ 3.10GHz	8902	497	65.88	\$135.13
Intel Core i7-3770T @ 2.50GHz	8204	561	24.86	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8987	482	22.47	\$399.99
Intel Core i7-3820QM @ 2.70GHz	8404	545	29.49	\$285.00*
Intel Core i7-3840QM @ 2.80GHz	8763	512	30.32	\$289.05*
Intel Core i7-3920XM @ 2.90GHz	8981	484	8.19	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11975	282	52.07	\$229.99*
Intel Core i7-3940XM @ 3.00GHz	9160	462	17.00	\$539.00
Intel Core i7-3960X @ 3.30GHz	12571	261	13.82	\$909.99*
Intel Core i7-3970X @ 3.50GHz	12695	257	24.90	\$509.94*
Intel Core i7-4500U @ 1.80GHz	3786	1183	NA	NA
Intel Core i7-4510U @ 2.00GHz	3915	1161	NA	NA
Intel Core i7-4550U @ 1.50GHz	3676	1218	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Core i7-4560U @ 1.60GHz	4329	1074	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	981	NA	NA
Intel Core i7-4600M @ 2.90GHz	4904	957	NA	NA
Intel Core i7-4600U @ 2.10GHz	4103	1119	NA	NA
Intel Core i7-4610M @ 3.00GHz	4913	955	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1198	NA	NA
Intel Core i7-4650U @ 1.70GHz	3950	1148	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7203	668	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7733	618	20.19	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7690	623	40.69	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7417	649	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7132	674	32.65	\$218.45*
Intel Core i7-4710HQ @ 2.50GHz	7723	620	20.43	\$378.00*
Intel Core i7-4710MQ @ 2.50GHz	7984	589	29.40	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7532	636	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7203	669	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7990	588	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8093	572	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8202	562	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8793	506	NA	NA
Intel Core i7-4765T @ 2.00GHz	7305	658	18.26	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9781	404	63.51	\$154.00
Intel Core i7-4770HQ @ 2.20GHz	8961	486	NA	NA
Intel Core i7-4770K @ 3.50GHz	10076	372	29.38	\$343.00
Intel Core i7-4770R @ 3.20GHz	9830	399	NA	NA
Intel Core i7-4770S @ 3.10GHz	9347	443	15.32	\$610.00
Intel Core i7-4770T @ 2.50GHz	8601	527	21.51	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	715	NA	NA
Intel Core i7-4771 @ 3.50GHz	9863	394	16.17	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7639	627	NA	NA
Intel Core i7-4790 @ 3.60GHz	9989	381	60.47	\$165.19
Intel Core i7-4790K @ 4.00GHz	11164	302	39.88	\$279.99
Intel Core i7-4790S @ 3.20GHz	9557	422	19.93	\$479.56

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4790T @ 2.70GHz	9074	470	25.21	\$359.99*
Intel Core i7-4800MQ @ 2.70GHz	8445	538	41.40	\$204.00*
Intel Core i7-4810MQ @ 2.80GHz	8650	522	45.54	\$189.95*
Intel Core i7-4820K @ 3.70GHz	9719	411	44.18	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9056	475	20.87	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7900	596	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9289	451	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9353	441	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8987	483	15.32	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9348	442	20.33	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13023	243	16.28	\$799.97
Intel Core i7-4930MX @ 3.00GHz	9444	436	8.62	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9776	406	13.77	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9856	396	15.82	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13805	219	17.93	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10293	355	NA	NA
Intel Core i7-5500U @ 2.40GHz	3980	1139	NA	NA
Intel Core i7-5550U @ 2.00GHz	3851	1169	NA	NA
Intel Core i7-5557U @ 3.10GHz	4953	949	7.03	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4327	1075	NA	NA
Intel Core i7-5650U @ 2.20GHz	4242	1093	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	565	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	559	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8347	551	NA	NA
Intel Core i7-5775C @ 3.30GHz	10867	321	15.83	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10879	320	NA	NA
Intel Core i7-5820K @ 3.30GHz	13012	245	52.05	\$249.99
Intel Core i7-5850EQ @ 2.70GHz	9817	400	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	433	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13664	221	38.59	\$354.09
Intel Core i7-5950HQ @ 2.90GHz	10850	322	NA	NA
Intel Core i7-5960X @ 3.00GHz	15991	154	15.33	\$1,042.93*
Intel Core i7-6498DU @ 2.50GHz	4470	1045	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6560U @ 2.20GHz	4815	974	NA	NA
Intel Core i7-6567U @ 3.30GHz	5582	839	NA	NA
Intel Core i7-6600U @ 2.60GHz	4801	978	NA	NA
Intel Core i7-6650U @ 2.20GHz	4977	943	NA	NA
Intel Core i7-6700 @ 3.40GHz	10003	379	28.59	\$349.89
Intel Core i7-6700HQ @ 2.60GHz	8127	569	21.50	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11109	303	28.22	\$393.73*
Intel Core i7-6700T @ 2.80GHz	8999	480	23.94	\$375.99*
Intel Core i7-6700TE @ 2.40GHz	8674	521	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9720	410	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13565	227	41.13	\$329.85
Intel Core i7-6820EQ @ 2.80GHz	8630	523	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9124	466	24.14	\$378.00*
Intel Core i7-6820HQ @ 2.70GHz	8763	511	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6501	737	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6850K @ 3.60GHz	14370	196	29.77	\$482.75
Intel Core i7-6900K @ 3.20GHz	17614	116	25.10	\$701.85
Intel Core i7-6920HQ @ 2.90GHz	9549	424	16.81	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19920	79	11.25	\$1,770.00
Intel Core i7-7500U @ 2.70GHz	5120	911	NA	NA
Intel Core i7-7560U @ 2.40GHz	5770	815	NA	NA
Intel Core i7-7567U @ 3.50GHz	6465	739	8.28	\$780.89
Intel Core i7-7600U @ 2.80GHz	5110	914	NA	NA
Intel Core i7-7660U @ 2.50GHz	5989	789	NA	NA
Intel Core i7-7700 @ 3.60GHz	10685	330	33.76	\$316.50
Intel Core i7-7700HQ @ 2.80GHz	8766	510	23.19	\$378.00*
Intel Core i7-7700K @ 4.20GHz	11994	279	33.79	\$354.99
Intel Core i7-7700T @ 2.90GHz	9311	448	30.13	\$309.00*
Intel Core i7-7740X @ 4.30GHz	12219	273	31.74	\$385.00
Intel Core i7-7800X @ 3.50GHz	14637	189	28.70	\$509.99*
Intel Core i7-7820EQ @ 3.00GHz	9144	464	24.19	\$378.00*
Intel Core i7-7820HK @ 2.90GHz	9954	387	26.33	\$378.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7820X @ 3.60GHz	18517	102	30.52	\$606.75
Intel Core i7-7900X @ 3.30GHz	20474	71	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9991	380	17.59	\$568.00*
Intel Core i7-8086K @ 4.00GHz	16680	130	30.17	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3945	1152	10.04	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8249	557	NA	NA
Intel Core i7-8559U @ 2.70GHz	12219	274	22.46	\$543.99
Intel Core i7-8565U @ 1.80GHz	8867	504	NA	NA
Intel Core i7-8650U @ 1.90GHz	8694	518	21.21	\$409.99*
Intel Core i7-8665U @ 1.90GHz	8889	499	21.74	\$409.00*
Intel Core i7-8700 @ 3.20GHz	15139	176	38.54	\$392.88
Intel Core i7-8700B @ 3.20GHz	14802	186	48.85	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15934	157	44.26	\$359.99
Intel Core i7-8700T @ 2.40GHz	12629	259	28.19	\$447.95
Intel Core i7-8705G @ 3.10GHz	9880	392	7.01	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10539	340	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	405	NA	NA
Intel Core i7-8750H @ 2.20GHz	12405	265	31.41	\$395.00*
Intel Core i7-8809G @ 3.10GHz	10990	310	NA	NA
Intel Core i7-8850H @ 2.60GHz	12976	246	32.85	\$395.00*
Intel Core i7-9700 @ 3.00GHz	15942	156	45.55	\$349.99
Intel Core i7-9700F @ 3.00GHz	16507	134	50.81	\$324.90
Intel Core i7-9700K @ 3.60GHz	17201	119	47.78	\$359.99
Intel Core i7-9700KF @ 3.60GHz	17198	121	47.77	\$359.99*
Intel Core i7-9700T @ 2.00GHz	13296	235	41.17	\$323.00*
Intel Core i7-9750H @ 2.60GHz	13550	228	34.30	\$395.00*
Intel Core i7-9800X @ 3.80GHz	19786	84	34.71	\$569.97
Intel Core i7-9850H @ 2.60GHz	14162	203	35.85	\$395.00*
Intel Core i7-10510U @ 1.80GHz	9291	449	22.72	\$409.00*
Intel Core i7-10710U @ 1.10GHz	12882	249	29.08	\$443.00*
Intel Core i9-7900X @ 3.30GHz	21867	56	21.29	\$1,027.12*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-7920X @ 2.90GHz	23291	44	17.30	\$1,346.25*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Core i9-7960X @ 2.80GHz	26030	21	19.28	\$1,349.99*
Intel Core i9-7980XE @ 2.60GHz	27647	18	19.20	\$1,440.00*
Intel Core i9-8950HK @ 2.90GHz	14219	201	24.39	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21536	59	31.21	\$689.99
Intel Core i9-9880H @ 2.30GHz	16810	128	30.23	\$556.00*
Intel Core i9-9900 @ 3.10GHz	18619	101	43.30	\$429.99
Intel Core i9-9900K @ 3.60GHz	20193	77	42.78	\$471.99
Intel Core i9-9900KF @ 3.60GHz	20422	73	43.45	\$469.98
Intel Core i9-9900KS @ 4.00GHz	21248	64	36.51	\$581.99
Intel Core i9-9900T @ 2.10GHz	15563	166	35.45	\$439.00*
Intel Core i9-9900X @ 3.50GHz	23011	46	29.13	\$789.93
Intel Core i9-9920X @ 3.50GHz	25170	30	20.82	\$1,209.00
Intel Core i9-9940X @ 3.30GHz	27124	19	20.30	\$1,335.89
Intel Core i9-9960X @ 3.10GHz	28129	14	17.64	\$1,594.99
Intel Core i9-9980HK @ 2.40GHz	17651	114	30.28	\$583.00*
Intel Core i9-9980XE @ 3.00GHz	29559	10	15.40	\$1,919.99
Intel Core m3-6Y30 @ 0.90GHz	3025	1400	10.77	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3521	1252	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1306	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3679	1215	13.09	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3357	1295	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3232	1329	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3470	1268	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2653	1526	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1626	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2820	1474	10.04	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1469	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2508	1579	NA	NA
Intel Core M-5Y70 @ 1.10GHz	2912	1441	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2991	1411	10.65	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2698	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2691	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2609	NA	NA
Intel Core Solo U1300 @ 1.06GHz	270	2855	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Solo U1500 @ 1.33GHz	330	2768	NA	NA
Intel E3000 @ 3.40GHz	2767	1490	NA	NA
Intel Pentium 4 1.40GHz	164	2953	NA	NA
Intel Pentium 4 1.50GHz	131	2970	NA	NA
Intel Pentium 4 1.60GHz	129	2972	NA	NA
Intel Pentium 4 1.70GHz	132	2969	NA	NA
Intel Pentium 4 1.80GHz	161	2956	NA	NA
Intel Pentium 4 1.90GHz	159	2957	NA	NA
Intel Pentium 4 2.00GHz	189	2935	NA	NA
Intel Pentium 4 2.20GHz	209	2917	NA	NA
Intel Pentium 4 2.26GHz	221	2905	NA	NA
Intel Pentium 4 2.40GHz	228	2899	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.50GHz	245	2883	NA	NA
Intel Pentium 4 2.53GHz	248	2879	NA	NA
Intel Pentium 4 2.60GHz	288	2825	NA	NA
Intel Pentium 4 2.66GHz	254	2871	NA	NA
Intel Pentium 4 2.80GHz	322	2774	NA	NA
Intel Pentium 4 2.93GHz	293	2816	NA	NA
Intel Pentium 4 3.00GHz	353	2745	NA	NA
Intel Pentium 4 3.06GHz	347	2748	NA	NA
Intel Pentium 4 3.20GHz	373	2719	NA	NA
Intel Pentium 4 3.40GHz	395	2693	NA	NA
Intel Pentium 4 3.46GHz	454	2627	NA	NA
Intel Pentium 4 3.60GHz	486	2593	NA	NA
Intel Pentium 4 3.73GHz	486	2591	NA	NA
Intel Pentium 4 3.80GHz	485	2594	NA	NA
Intel Pentium 4 3.83GHz	195	2930	NA	NA
Intel Pentium 4 4.00GHz	184	2940	NA	NA
Intel Pentium 4 1300MHz	119	2976	NA	NA
Intel Pentium 4 1400MHz	127	2973	NA	NA
Intel Pentium 4 1500MHz	125	2974	NA	NA
Intel Pentium 4 1600MHz	193	2934	0.30	\$647.45*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 1800MHz	162	2955	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2963	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2929	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2946	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2918	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2949	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2916	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2925	NA	NA
Intel Pentium 5 2.66GHz	705	2468	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2253	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1139	2234	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2228	NA	NA
Intel Pentium 987 @ 1.50GHz	1222	2182	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	2080	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1501	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1401	NA	NA
Intel Pentium 2020M @ 2.40GHz	2274	1665	16.98	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2398	1620	17.90	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1655	1964	12.35	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1821	1876	13.59	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1062	2273	7.93	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2260	1675	NA	NA
Intel Pentium 3556U @ 1.70GHz	1673	1948	NA	NA
Intel Pentium 3558U @ 1.70GHz	1672	1950	NA	NA
Intel Pentium 3560M @ 2.40GHz	2269	1672	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2160	NA	NA
Intel Pentium 3805U @ 1.90GHz	1965	1798	NA	NA
Intel Pentium 3825U @ 1.90GHz	2508	1578	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4405U @ 2.10GHz	2928	1435	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1759	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2050	1763	12.73	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3148	1364	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Pentium 4417U @ 2.30GHz	3185	1345	19.79	\$161.00*
Intel Pentium 5405U @ 2.30GHz	3184	1346	19.78	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1988	NA	NA
Intel Pentium B940 @ 2.00GHz	1727	1912	57.71	\$29.94*
Intel Pentium B950 @ 2.10GHz	1715	1921	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1856	37.81	\$48.99*
Intel Pentium B970 @ 2.30GHz	1953	1806	38.30	\$50.99*
Intel Pentium B980 @ 2.40GHz	2027	1771	28.98	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1180	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	529	2558	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2500	NA	NA
Intel Pentium D 915 @ 2.80GHz	583	2528	NA	NA
Intel Pentium D 940 @ 3.20GHz	709	2465	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2453	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2423	NA	NA
Intel Pentium E2140 @ 1.60GHz	871	2389	18.83	\$46.25
Intel Pentium E2160 @ 1.80GHz	999	2311	64.42	\$15.51*
Intel Pentium E2180 @ 2.00GHz	1088	2259	36.28	\$29.99
Intel Pentium E2200 @ 2.20GHz	1203	2196	16.04	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2208	NA	NA
Intel Pentium E2220 @ 2.40GHz	1330	2117	15.47	\$85.99*
Intel Pentium E5200 @ 2.50GHz	1486	2045	24.80	\$59.95
Intel Pentium E5300 @ 2.60GHz	1540	2015	66.99	\$22.99
Intel Pentium E5400 @ 2.70GHz	1596	1995	89.91	\$17.76*
Intel Pentium E5500 @ 2.80GHz	1635	1974	62.94	\$25.99*
Intel Pentium E5700 @ 3.00GHz	1738	1909	115.95	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1887	1842	83.88	\$22.50
Intel Pentium E6300 @ 2.80GHz	1706	1929	165.70	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1765	1893	11.18	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1861	1853	18.61	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1932	1815	64.44	\$29.99
Intel Pentium E6800 @ 3.33GHz	1974	1792	22.19	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2376	1.20	\$759.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Pentium G620 @ 2.60GHz</u>	2287	1660	<u>38.13</u>	<u>\$59.99</u>
<u>Intel Pentium G620T @ 2.20GHz</u>	2033	1768	<u>25.42</u>	<u>\$79.99*</u>
<u>Intel Pentium G630 @ 2.70GHz</u>	2371	1631	<u>23.72</u>	<u>\$100.00</u>
<u>Intel Pentium G630T @ 2.30GHz</u>	2089	1743	<u>26.12</u>	<u>\$79.99*</u>
<u>Intel Pentium G640 @ 2.80GHz</u>	2519	1573	<u>63.00</u>	<u>\$40.00</u>
<u>Intel Pentium G640T @ 2.40GHz</u>	1979	1789	NA	NA
<u>Intel Pentium G645 @ 2.90GHz</u>	2589	1546	<u>64.74</u>	<u>\$40.00</u>
<u>Intel Pentium G645T @ 2.50GHz</u>	2257	1676	NA	NA
<u>Intel Pentium G840 @ 2.80GHz</u>	2559	1560	<u>73.15</u>	<u>\$34.99*</u>
<u>Intel Pentium G850 @ 2.90GHz</u>	2664	1524	<u>89.18</u>	<u>\$29.88</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Pentium G860 @ 3.00GHz</u>	2736	1504	<u>32.98</u>	<u>\$82.99</u>
<u>Intel Pentium G870 @ 3.10GHz</u>	2812	1476	<u>29.00</u>	<u>\$97.00*</u>
<u>Intel Pentium G2010 @ 2.80GHz</u>	2599	1543	<u>51.99</u>	<u>\$50.00</u>
<u>Intel Pentium G2020 @ 2.90GHz</u>	2753	1498	<u>45.93</u>	<u>\$59.95*</u>
<u>Intel Pentium G2020T @ 2.50GHz</u>	2418	1611	<u>50.81</u>	<u>\$47.60*</u>
<u>Intel Pentium G2030 @ 3.00GHz</u>	2868	1460	<u>59.75</u>	<u>\$48.00</u>
<u>Intel Pentium G2030T @ 2.60GHz</u>	2487	1590	<u>38.86</u>	<u>\$64.00*</u>
<u>Intel Pentium G2100T @ 2.60GHz</u>	2763	1495	NA	NA
<u>Intel Pentium G2120 @ 3.10GHz</u>	3079	1385	<u>19.30</u>	<u>\$159.55*</u>
<u>Intel Pentium G2130 @ 3.20GHz</u>	3200	1339	<u>64.01</u>	<u>\$49.99*</u>
<u>Intel Pentium G2140 @ 3.30GHz</u>	3377	1290	<u>41.18</u>	<u>\$82.00*</u>
<u>Intel Pentium G3220 @ 3.00GHz</u>	3125	1371	<u>31.06</u>	<u>\$100.63</u>
<u>Intel Pentium G3220T @ 2.60GHz</u>	2561	1559	<u>40.67</u>	<u>\$62.98*</u>
<u>Intel Pentium G3240 @ 3.10GHz</u>	3153	1360	<u>42.05</u>	<u>\$74.99</u>
<u>Intel Pentium G3240T @ 2.70GHz</u>	2840	1464	NA	NA
<u>Intel Pentium G3250 @ 3.20GHz</u>	3242	1326	<u>13.93</u>	<u>\$232.84*</u>
<u>Intel Pentium G3250T @ 2.80GHz</u>	2969	1422	<u>33.00</u>	<u>\$89.99*</u>
<u>Intel Pentium G3258 @ 3.20GHz</u>	3865	1164	<u>55.24</u>	<u>\$69.98</u>
<u>Intel Pentium G3260 @ 3.30GHz</u>	3357	1294	<u>23.98</u>	<u>\$139.99*</u>
<u>Intel Pentium G3260T @ 2.90GHz</u>	2930	1433	<u>32.56</u>	<u>\$89.99*</u>
<u>Intel Pentium G3320TE @ 2.30GHz</u>	2389	1623	NA	NA
<u>Intel Pentium G3420 @ 3.20GHz</u>	3396	1283	<u>54.29</u>	<u>\$62.55</u>

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3430 @ 3.30GHz	3395	1284	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3319	1305	20.75	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1377	NA	NA
Intel Pentium G3450 @ 3.40GHz	3695	1210	36.96	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1423	NA	NA
Intel Pentium G3460 @ 3.50GHz	3584	1238	12.44	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3714	1205	35.62	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3540	1246	52.00	\$68.08
Intel Pentium G4400T @ 2.90GHz	3163	1354	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1458	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3793	1182	38.51	\$98.51
Intel Pentium G4500T @ 3.00GHz	3471	1267	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1104	38.05	\$109.98
Intel Pentium G4560 @ 3.50GHz	4861	966	45.46	\$106.94
Intel Pentium G4560T @ 2.90GHz	3990	1137	36.28	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5076	919	21.15	\$239.95
Intel Pentium G4600T @ 3.00GHz	4266	1088	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5214	898	45.88	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1860	1854	46.52	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1723	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2059	1760	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5220	896	87.25	\$59.83
Intel Pentium Gold G5400T @ 3.10GHz	4884	961	76.31	\$64.00*
Intel Pentium Gold G5420 @ 3.80GHz	5468	859	73.91	\$73.99
Intel Pentium Gold G5420T @ 3.20GHz	5156	908	80.57	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5195	900	30.57	\$169.94*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium Gold G5500T @ 3.20GHz	4346	1070	57.95	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5570	842	46.72	\$119.22
Intel Pentium Gold G5600F @ 3.90GHz	5736	821	NA	NA
Intel Pentium III 933S @ 933MHz	238	2891	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2829	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2845	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Pentium III 1400 @ 1400MHz	297	2809	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2806	NA	NA
Intel Pentium III Mobile 750MHz	103	2979	NA	NA
Intel Pentium III Mobile 800MHz	182	2943	NA	NA
Intel Pentium III Mobile 866MHz	152	2961	NA	NA
Intel Pentium III Mobile 933MHz	218	2907	7.55	\$28.99
Intel Pentium III Mobile 1000MHz	245	2882	NA	NA
Intel Pentium III Mobile 1066MHz	246	2881	NA	NA
Intel Pentium III Mobile 1133MHz	251	2875	NA	NA
Intel Pentium III Mobile 1200MHz	240	2889	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1865	NA	NA
Intel Pentium J2900 @ 2.41GHz	1973	1794	NA	NA
Intel Pentium J3710 @ 1.60GHz	1913	1826	NA	NA
Intel Pentium J4205 @ 1.50GHz	2269	1671	NA	NA
Intel Pentium M 1.10GHz	282	2836	NA	NA
Intel Pentium M 1.20GHz	298	2807	NA	NA
Intel Pentium M 1.30GHz	301	2800	NA	NA
Intel Pentium M 1.40GHz	345	2752	NA	NA
Intel Pentium M 1.50GHz	366	2729	NA	NA
Intel Pentium M 1.60GHz	364	2732	NA	NA
Intel Pentium M 1.70GHz	406	2677	NA	NA
Intel Pentium M 1.73GHz	412	2669	NA	NA
Intel Pentium M 1.80GHz	411	2670	NA	NA
Intel Pentium M 1.86GHz	438	2644	NA	NA
Intel Pentium M 2.00GHz	461	2619	NA	NA
Intel Pentium M 2.10GHz	448	2632	NA	NA
Intel Pentium M 2.13GHz	499	2582	NA	NA
Intel Pentium M 2.26GHz	509	2574	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2599	NA	NA
Intel Pentium M 900MHz	217	2911	NA	NA
Intel Pentium M 1000MHz	233	2895	NA	NA
Intel Pentium M 1100MHz	259	2867	NA	NA
Intel Pentium M 1200MHz	237	2892	NA	NA
Intel Pentium M 1300MHz	303	2794	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1500MHz	354	2742	NA	NA
Intel Pentium M 1600MHz	335	2762	NA	NA
Intel Pentium M 1700MHz	376	2714	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	2024	NA	NA
Intel Pentium N3520 @ 2.16GHz	1807	1878	NA	NA
Intel Pentium N3530 @ 2.16GHz	1911	1827	NA	NA
Intel Pentium N3540 @ 2.16GHz	1933	1814	7.71	\$250.87*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium N3700 @ 1.60GHz	1835	1866	4.13	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1865	1851	NA	NA
Intel Pentium N4200 @ 1.10GHz	2035	1766	8.70	\$233.98*
Intel Pentium P6000 @ 1.87GHz	1243	2175	NA	NA
Intel Pentium P6100 @ 2.00GHz	1327	2119	46.68	\$28.44*
Intel Pentium P6200 @ 2.13GHz	1351	2106	30.07	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1372	2094	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2903	1446	14.41	\$201.49
Intel Pentium Silver N5000 @ 1.10GHz	2456	1598	15.26	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2678	NA	NA
Intel Pentium SU4100 @ 1.30GHz	853	2401	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2405	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2489	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2469	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	706	2466	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2455	NA	NA
Intel Pentium T2330 @ 1.60GHz	827	2412	NA	NA
Intel Pentium T2370 @ 1.73GHz	849	2403	24.26	\$35.00*
Intel Pentium T2390 @ 1.86GHz	949	2350	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2327	NA	NA
Intel Pentium T3200 @ 2.00GHz	1032	2287	86.03	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1114	2241	12.39	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1152	2225	96.02	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1231	2179	NA	NA
Intel Pentium T4400 @ 2.20GHz	1281	2149	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium U5400 @ 1.20GHz	814	2418	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2348	NA	NA
Intel T1200 @ 1.50GHz	435	2650	NA	NA
Intel T1400 @ 1.73GHz	929	2363	NA	NA
Intel T1500 @ 1.86GHz	953	2346	NA	NA
Intel T2050 @ 2.00GHz	959	2342	NA	NA
Intel Xeon 2.00GHz	233	2894	NA	NA
Intel XEON 2.20GHz	252	2873	NA	NA
Intel Xeon 2.40GHz	276	2848	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2649	NA	NA
Intel Xeon 2.80GHz	400	2689	NA	NA
Intel Xeon 3.00GHz	391	2702	NA	NA
Intel Xeon 3.06GHz	491	2586	NA	NA
Intel Xeon 3.20GHz	461	2620	NA	NA
Intel Xeon 3.40GHz	478	2602	NA	NA
Intel Xeon 3.60GHz	509	2573	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2283	NA	NA
Intel Xeon 3.80GHz	604	2517	0.71	\$851.00*
Intel Xeon 1500MHz	193	2933	NA	NA
Intel Xeon 3040 @ 1.86GHz	1278	2153	51.05	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2132	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	2025	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	2023	72.77	\$20.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3070 @ 2.66GHz	1784	1889	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1864	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	2004	NA	NA
Intel Xeon 5110 @ 1.60GHz	1084	2263	30.99	\$35.00*
Intel Xeon 5120 @ 1.86GHz	1248	2174	0.77	\$1,619.99*
Intel Xeon 5130 @ 2.00GHz	1366	2096	27.90	\$48.99*
Intel Xeon 5133 @ 2.20GHz	1598	1993	NA	NA
Intel Xeon 5140 @ 2.33GHz	1636	1972	65.49	\$24.99*
Intel Xeon 5148 @ 2.33GHz	1590	1999	121.17	\$13.13*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Xeon @ 2.00GHz	11327	296	NA	NA
Intel Xeon @ 2.20GHz	1902	1831	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5632	829	23.58	\$238.85
Intel Xeon Bronze 3106 @ 1.70GHz	6890	698	19.34	\$356.27*
Intel Xeon D-1518 @ 2.20GHz	5322	885	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	819	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	686	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	560	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9643	416	27.71	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	619	13.54	\$571.00*
Intel Xeon D-1539 @ 1.60GHz	8443	539	17.37	\$486.00*
Intel Xeon D-1540 @ 2.00GHz	10740	328	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11083	305	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	331	19.24	\$555.00*
Intel Xeon D-1557 @ 1.50GHz	10950	314	15.78	\$694.00*
Intel Xeon D-1559 @ 1.50GHz	8055	575	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	193	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	208	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8150	566	38.26	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	251	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	218	24.41	\$566.00*
Intel Xeon D-2146NT @ 2.30GHz	10968	312	17.11	\$641.00*
Intel Xeon D-2183IT @ 2.20GHz	19381	94	10.99	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6250	757	117.99	\$52.98
Intel Xeon E3-1220 V2 @ 3.10GHz	6733	714	112.32	\$59.95
Intel Xeon E3-1220 v3 @ 3.10GHz	7178	671	53.57	\$133.99
Intel Xeon E3-1220 v5 @ 3.00GHz	7772	613	29.17	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7752	616	36.65	\$211.54
Intel Xeon E3-1220L @ 2.20GHz	3606	1229	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	1056	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2070	1753	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	6094	782	95.24	\$63.99
Intel Xeon E3-1225 V2 @ 3.20GHz	6973	688	101.06	\$69.00

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1225 v5 @ 3.30GHz	7834	604	29.23	\$268.08
Intel Xeon E3-1225 v6 @ 3.30GHz	7958	592	29.99	\$265.43
Intel Xeon E3-1226 v3 @ 3.30GHz	7580	633	12.74	\$595.00*
Intel Xeon E3-1230 @ 3.20GHz	7851	602	81.79	\$95.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1230 V2 @ 3.30GHz	8869	502	113.72	\$78.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9327	445	43.38	\$215.00
Intel Xeon E3-1230 v5 @ 3.40GHz	9746	407	23.65	\$412.18*
Intel Xeon E3-1230 v6 @ 3.50GHz	9784	403	36.38	\$269.00
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	666	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9631	419	18.89	\$509.95
Intel Xeon E3-1235 @ 3.20GHz	7757	615	31.79	\$244.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	740	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7975	591	81.39	\$97.99
Intel Xeon E3-1240 V2 @ 3.40GHz	9156	463	72.14	\$126.92
Intel Xeon E3-1240 v3 @ 3.40GHz	9677	413	25.18	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10317	351	30.20	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10472	345	35.14	\$298.00
Intel Xeon E3-1240L v3 @ 2.00GHz	7486	638	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	610	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10021	375	27.09	\$369.99
Intel Xeon E3-1245 @ 3.30GHz	8041	576	75.88	\$105.99
Intel Xeon E3-1245 V2 @ 3.40GHz	9129	465	58.16	\$156.99
Intel Xeon E3-1245 v3 @ 3.40GHz	9588	421	37.60	\$255.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10169	363	29.45	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10533	341	33.88	\$310.92
Intel Xeon E3-1246 v3 @ 3.50GHz	9861	395	24.11	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6250	758	111.57	\$56.02
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	359	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	5961	792	6.49	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7455	645	50.37	\$148.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9204	460	12.97	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	474	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	517	19.05	\$456.54*
Intel Xeon E3-1270 @ 3.40GHz	8249	556	26.19	\$315.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9466	430	49.13	\$192.69
Intel Xeon E3-1270 v3 @ 3.50GHz	9923	389	49.62	\$199.99
Intel Xeon E3-1270 v5 @ 3.60GHz	10279	356	21.48	\$478.52
Intel Xeon E3-1270 v6 @ 3.80GHz	11171	301	32.21	\$346.82
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	329	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10117	369	11.39	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8122	571	26.72	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9435	437	23.91	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	10048	373	25.06	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10353	349	27.28	\$379.52*
Intel Xeon E3-1275 v6 @ 3.80GHz	11028	307	27.18	\$405.69
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	498	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10209	361	9.51	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8416	544	22.87	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9445	434	11.00	\$859.00*
Intel Xeon E3-1280 v3 @ 3.60GHz	9841	398	21.92	\$449.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	10621	335	15.39	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11041	306	18.64	\$592.36*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1281 v3 @ 3.70GHz	10031	374	11.43	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	346	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	344	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11992	280	18.58	\$645.40
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	383	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	313	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	390	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	428	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8768	509	9.91	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9653	415	10.91	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	750	NA	NA
Intel Xeon E3-1505L v6 @ 2.20GHz	7887	599	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Xeon E3-1505M v6 @ 3.00GHz	9660	414	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10016	377	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9345	444	15.00	\$623.00*
Intel Xeon E3-1535M v6 @ 3.10GHz	10563	338	16.96	\$623.00*
Intel Xeon E3-1545M v5 @ 2.90GHz	10313	352	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10616	336	8.80	\$1,207.00*
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	326	19.42	\$556.00*
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	365	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7265	662	148.31	\$48.99*
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	647	NA	NA
Intel Xeon E5-1428L v2 @ 2.20GHz	8679	520	17.57	\$494.00*
Intel Xeon E5-1603 @ 2.80GHz	5578	841	279.36	\$19.97*
Intel Xeon E5-1603 v3 @ 2.80GHz	6208	764	62.09	\$99.99*
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	742	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5877	801	210.27	\$27.95*
Intel Xeon E5-1607 v2 @ 3.00GHz	6217	762	177.91	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	7029	682	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7270	661	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9068	472	139.52	\$65.00*
Intel Xeon E5-1620 v2 @ 3.70GHz	9499	427	161.04	\$58.99*
Intel Xeon E5-1620 v3 @ 3.50GHz	9743	408	69.60	\$139.99
Intel Xeon E5-1620 v4 @ 3.50GHz	9935	388	30.25	\$328.45
Intel Xeon E5-1630 v3 @ 3.70GHz	10228	358	21.40	\$477.99
Intel Xeon E5-1630 v4 @ 3.70GHz	10310	353	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11734	286	23.71	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12750	255	115.98	\$109.94
Intel Xeon E5-1650 v3 @ 3.50GHz	13624	224	88.17	\$154.53
Intel Xeon E5-1650 v4 @ 3.60GHz	14218	202	27.99	\$508.00*
Intel Xeon E5-1660 @ 3.30GHz	12247	272	9.98	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13919	212	49.36	\$281.99*
Intel Xeon E5-1660 v3 @ 3.00GHz	14656	188	9.07	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16203	146	13.18	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16250	145	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16325	140	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	107	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2403 @ 1.80GHz	3523	1251	73.80	\$47.75
Intel Xeon E5-2403 v2 @ 1.80GHz	3590	1237	99.76	\$35.99*
Intel Xeon E5-2407 @ 2.20GHz	4188	1102	49.32	\$84.92*
Intel Xeon E5-2407 v2 @ 2.40GHz	4724	990	51.49	\$91.75*
Intel Xeon E5-2418L @ 2.00GHz	5202	899	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7063	680	18.11	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8750	513	210.51	\$41.57*
Intel Xeon E5-2430 @ 2.20GHz	7695	621	75.35	\$102.12
Intel Xeon E5-2430 v2 @ 2.50GHz	9061	473	89.40	\$101.35
Intel Xeon E5-2430L @ 2.00GHz	7834	605	242.71	\$32.28*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	727	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9221	457	230.59	\$39.99*
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	450	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	490	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10332	350	172.26	\$59.98
Intel Xeon E5-2450L @ 1.80GHz	8261	555	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	10896	317	85.13	\$128.00*
Intel Xeon E5-2470 v2 @ 2.40GHz	11268	299	52.26	\$215.64
Intel Xeon E5-2603 @ 1.80GHz	3591	1234	75.05	\$47.85*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1189	62.78	\$59.99*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	904	77.05	\$67.23
Intel Xeon E5-2603 v4 @ 1.70GHz	5504	851	21.17	\$260.00*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	601	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4607	1014	47.97	\$96.04*
Intel Xeon E5-2609 v2 @ 2.50GHz	5160	907	108.63	\$47.50*
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	797	55.66	\$106.03*
Intel Xeon E5-2609 v4 @ 1.70GHz	6925	696	19.25	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	276	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	190	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7905	595	272.69	\$28.99
Intel Xeon E5-2620 v2 @ 2.10GHz	8600	528	212.68	\$40.44

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2620 v4 @ 2.10GHz	11324	297	31.03	\$364.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	481	13.85	\$649.00*
Intel Xeon E5-2623 v4 @ 2.60GHz	8506	533	15.50	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	439	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	268	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	242	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	308	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8923	494	223.42	\$39.94*
Intel Xeon E5-2630 v2 @ 2.60GHz	10368	347	235.96	\$43.94
Intel Xeon E5-2630 v3 @ 2.40GHz	12797	252	136.15	\$94.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13913	214	24.89	\$559.00
Intel Xeon E5-2630L @ 2.00GHz	8041	577	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	469	232.44	\$39.10*
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	409	28.62	\$339.95*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	250	NA	NA
Intel Xeon E5-2637 @ 3.00GHz	4508	1036	5.09	\$885.00*
Intel Xeon E5-2637 v2 @ 3.50GHz	9200	461	68.60	\$134.11
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	368	63.03	\$160.53
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	343	9.07	\$1,159.29
Intel Xeon E5-2640 @ 2.50GHz	9424	438	157.21	\$59.95
Intel Xeon E5-2640 v2 @ 2.00GHz	10213	360	64.00	\$159.60
Intel Xeon E5-2640 v3 @ 2.60GHz	13864	217	102.70	\$135.00*
Intel Xeon E5-2640 v4 @ 2.40GHz	15420	171	16.76	\$920.27*
Intel Xeon E5-2643 @ 3.30GHz	8450	536	140.94	\$59.96
Intel Xeon E5-2643 v2 @ 3.50GHz	13121	240	67.99	\$192.99
Intel Xeon E5-2643 v3 @ 3.40GHz	13887	215	53.41	\$259.99
Intel Xeon E5-2643 v4 @ 3.40GHz	13475	233	7.48	\$1,801.96
Intel Xeon E5-2648L @ 1.80GHz	6698	720	NA	NA
Intel Xeon E5-2648L v2 @ 1.90GHz	11381	294	7.70	\$1,479.00*
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	293	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	222	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	187	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Xeon E5-2650 @ 2.60GHz	13231	237	151.07	\$87.59
Intel Xeon E5-2650 v2 @ 2.60GHz	13231	237	151.07	\$87.59
Intel Xeon E5-2650 v3 @ 2.30GHz	14883	184	121.48	\$122.52
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	160	10.91	\$1,453.99
Intel Xeon E5-2650L @ 1.80GHz	8483	535	107.39	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	393	72.74	\$135.84*
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	231	58.19	\$232.22*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	207	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	298	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9632	418	6.59	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	216	77.09	\$179.99*
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	143	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	17275	118	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11255	300	85.39	\$131.82*
Intel Xeon E5-2660 v2 @ 2.20GHz	13142	239	61.73	\$212.89
Intel Xeon E5-2660 v3 @ 2.60GHz	16429	136	51.35	\$319.95
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	127	11.25	\$1,499.99*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	209	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11746	285	114.75	\$102.37*
Intel Xeon E5-2667 @ 2.90GHz	10670	332	206.39	\$51.70*
Intel Xeon E5-2667 v2 @ 3.30GHz	16165	148	48.98	\$330.00*
Intel Xeon E5-2667 v3 @ 3.20GHz	16174	147	44.93	\$359.99
Intel Xeon E5-2667 v4 @ 3.20GHz	16631	132	8.53	\$1,949.03*
Intel Xeon E5-2670 @ 2.60GHz	12372	266	85.33	\$145.00
Intel Xeon E5-2670 v2 @ 2.50GHz	15021	179	71.87	\$209.00
Intel Xeon E5-2670 v3 @ 2.30GHz	16765	129	108.17	\$154.99
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	141	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16401	137	23.43	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21458	60	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15137	177	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	113	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16993	125	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	29	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12897	247	173.54	\$74.32

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2680 v2 @ 2.80GHz	15890	159	90.80	\$175.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18467	104	99.83	\$184.99
Intel Xeon E5-2680 v4 @ 2.40GHz	19864	81	13.16	\$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	74	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17325	117	33.97	\$509.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	98	8.62	\$2,208.93*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	180	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	96	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	83	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14341	198	69.28	\$207.00*
Intel Xeon E5-2687W v2 @ 3.40GHz	16343	139	45.41	\$359.90*
Intel Xeon E5-2687W v3 @ 3.10GHz	17795	112	29.72	\$598.69
Intel Xeon E5-2687W v4 @ 3.00GHz	19863	82	9.13	\$2,174.99*
Intel Xeon E5-2689 @ 2.60GHz	13291	236	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	86	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13715	220	103.13	\$133.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16391	138	60.13	\$272.58
Intel Xeon E5-2690 v3 @ 2.60GHz	19259	95	83.74	\$230.00
Intel Xeon E5-2690 v4 @ 2.60GHz	21167	66	9.75	\$2,169.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	153	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	16041	151	61.94	\$258.99
Intel Xeon E5-2695 v3 @ 2.30GHz	19710	88	40.23	\$489.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	75	3.49	\$5,808.00*
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	133	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22172	50	8.88	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	65	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17198	120	55.66	\$309.00
Intel Xeon E5-2697 v3 @ 2.60GHz	21425	63	42.09	\$509.00
Intel Xeon E5-2697 v4 @ 2.30GHz	21435	62	7.02	\$3,054.99*
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	48	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	68	28.06	\$749.94
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	57	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22340	49	18.21	\$1,226.99

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-4603 @ 2.00GHz	5014	938	89.38	\$56.10
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	456	NA	NA
Intel Xeon E5-4610 @ 2.40GHz	9552	423	7.81	\$1,223.00*
Intel Xeon E5-4610 v3 @ 1.70GHz	8853	505	7.26	\$1,219.00*
Intel Xeon E5-4617 @ 2.90GHz	9313	447	103.59	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	9248	453	68.91	\$134.21*
Intel Xeon E5-4627 v2 @ 3.30GHz	12511	262	24.58	\$508.95*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	192	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	169	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10807	325	3.96	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	256	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	304	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11685	289	166.96	\$69.99*
Intel Xeon E5-4650L @ 2.60GHz	12145	277	101.22	\$119.99*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	269	2.66	\$4,616.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	158	11.36	\$1,399.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	161	3.30	\$4,800.00*
Intel Xeon E5-4669 v3 @ 2.10GHz	19615	92	3.63	\$5,400.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	223	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1373	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2159	1715	93.93	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1608	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1686	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	2078	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1609	27.31	\$88.78*
Intel Xeon E5310 @ 1.60GHz	2214	1697	45.19	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1659	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1577	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2886	1457	72.17	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2835	1467	70.97	\$39.95*
Intel Xeon E5410 @ 2.33GHz	3259	1319	15.60	\$208.95*
Intel Xeon E5420 @ 2.50GHz	3482	1266	55.31	\$62.95*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5440 @ 2.83GHz	3955	1146	39.95	\$99.00*
Intel Xeon E5450 @ 3.00GHz	4180	1105	13.98	\$298.94
Intel Xeon E5462 @ 2.80GHz	3872	1162	141.84	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4085	1122	136.00	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	2091	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1381	2088	4.81	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2680	1518	38.32	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2974	1417	47.21	\$63.01*
Intel Xeon E5507 @ 2.27GHz	3125	1370	6.84	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4380	1063	306.99	\$14.27*
Intel Xeon E5530 @ 2.40GHz	4494	1039	345.72	\$13.00*
Intel Xeon E5540 @ 2.53GHz	4747	989	80.46	\$59.00*
Intel Xeon E5603 @ 1.60GHz	2366	1633	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1394	18.29	\$167.00
Intel Xeon E5607 @ 2.27GHz	3371	1292	48.71	\$69.21*
Intel Xeon E5620 @ 2.40GHz	4770	982	80.87	\$58.99*
Intel Xeon E5630 @ 2.53GHz	5055	925	144.43	\$35.00*
Intel Xeon E5640 @ 2.67GHz	5250	890	187.60	\$27.99*
Intel Xeon E5645 @ 2.40GHz	6424	745	79.01	\$81.31*
Intel Xeon E5649 @ 2.53GHz	6869	700	66.01	\$104.07*
Intel Xeon E7320 @ 2.13GHz	2413	1613	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	606	40.54	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9444	435	42.93	\$219.99*
Intel Xeon E-2124G @ 3.40GHz	9891	391	38.04	\$260.00
Intel Xeon E-2126G @ 3.30GHz	13583	226	45.28	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10882	319	39.45	\$275.83
Intel Xeon E-2136 @ 3.30GHz	15793	163	48.68	\$324.46*
Intel Xeon E-2144G @ 3.60GHz	11381	295	32.34	\$351.90*
Intel Xeon E-2146G @ 3.50GHz	15620	165	44.00	\$354.99*
Intel Xeon E-2174G @ 3.80GHz	12278	271	30.47	\$402.99*
Intel Xeon E-2176G @ 3.70GHz	15527	168	34.69	\$447.61*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2176M @ 2.70GHz	13544	229	30.10	\$450.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Xeon E-2186M @ 2.90GHz	14526	191	23.32	\$623.00*
Intel Xeon E-2224 @ 3.40GHz	10128	367	51.16	\$198.00*
Intel Xeon E-2224G @ 3.50GHz	9617	420	44.12	\$218.00*
Intel Xeon E-2226G @ 3.40GHz	12887	248	49.57	\$260.00*
Intel Xeon E-2236 @ 3.40GHz	15781	164	54.61	\$289.00*
Intel Xeon E-2244G @ 3.80GHz	12782	253	46.99	\$272.00*
Intel Xeon E-2246G @ 3.60GHz	16023	152	51.52	\$311.00*
Intel Xeon E-2274G @ 4.00GHz	12595	260	37.71	\$334.00*
Intel Xeon E-2276G @ 3.80GHz	14143	204	39.07	\$362.00*
Intel Xeon E-2276M @ 2.80GHz	14414	194	32.03	\$450.00*
Intel Xeon E-2278G @ 3.40GHz	16082	149	32.55	\$494.00*
Intel Xeon E-2278GEL @ 2.00GHz	13914	213	28.17	\$494.00*
Intel Xeon E-2286G @ 4.00GHz	16270	144	36.16	\$450.00*
Intel Xeon E-2286M @ 2.40GHz	18203	109	29.22	\$623.00*
Intel Xeon E-2288G @ 3.70GHz	19666	90	36.49	\$539.00*
Intel Xeon Gold 5117 @ 2.00GHz	16672	131	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16435	135	14.74	\$1,114.78
Intel Xeon Gold 5120 @ 2.20GHz	18253	106	11.69	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	110	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10896	318	8.51	\$1,280.13
Intel Xeon Gold 5218 @ 2.30GHz	22576	47	15.70	\$1,438.00
Intel Xeon Gold 6126 @ 2.60GHz	19711	87	10.43	\$1,889.97*
Intel Xeon Gold 6128 @ 3.40GHz	14941	182	8.49	\$1,759.75*
Intel Xeon Gold 6130 @ 2.10GHz	19643	91	10.09	\$1,947.78
Intel Xeon Gold 6132 @ 2.60GHz	23907	39	10.87	\$2,199.90
Intel Xeon Gold 6134 @ 3.20GHz	18206	108	8.02	\$2,269.00
Intel Xeon Gold 6136 @ 3.00GHz	21061	67	8.06	\$2,613.59*
Intel Xeon Gold 6137 @ 3.90GHz	20443	72	NA	NA
Intel Xeon Gold 6138 @ 2.00GHz	25774	23	9.55	\$2,698.95*
Intel Xeon Gold 6140 @ 2.30GHz	23964	38	9.82	\$2,439.99*
Intel Xeon Gold 6144 @ 3.50GHz	19667	89	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	31	5.46	\$4,608.95*
Intel Xeon Gold 6148 @ 2.40GHz	25817	22	8.83	\$2,925.00*
Intel Xeon Gold 6152 @ 2.10GHz	23498	41	5.72	\$4,108.95

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 6210U @ 2.50GHz	28560	13	13.87	\$2,059.86*
Intel Xeon Gold 6212U @ 2.40GHz	28060	16	14.03	\$2,000.00*
Intel Xeon Gold 6230 @ 2.10GHz	24600	32	14.17	\$1,736.03
Intel Xeon Gold 6242 @ 2.80GHz	25313	27	9.45	\$2,678.49
Intel Xeon Gold 6246 @ 3.30GHz	25734	25	7.83	\$3,286.00*
Intel Xeon Gold 6254 @ 3.10GHz	30018	9	8.34	\$3,600.00
Intel Xeon L3110 @ 3.00GHz	2273	1669	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1191	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2113	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3943	1154	8.82	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1875	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1670	72.33	\$31.40*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5310 @ 1.60GHz	2274	1666	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1722	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1497	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3014	1402	NA	NA
Intel Xeon L5410 @ 2.33GHz	3358	1293	33.56	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3501	1261	127.32	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3712	1206	23.51	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1204	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4324	1077	337.35	\$12.82*
Intel Xeon L5530 @ 2.40GHz	4389	1062	227.93	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4338	1073	206.69	\$20.99*
Intel Xeon L5638 @ 2.00GHz	5622	831	80.43	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6869	699	NA	NA
Intel Xeon L5640 @ 2.27GHz	6232	760	74.77	\$83.36*
Intel Xeon L7455 @ 2.13GHz	3836	1172	NA	NA
Intel Xeon MV 3.20GHz	683	2481	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26835	20	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	693	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	11	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	12	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Platinum 8176 @ 2.10GHz	24434	37	2.80	\$8,725.00*
Intel Xeon Silver 4108 @ 1.80GHz	10838	323	21.25	\$509.95*
Intel Xeon Silver 4109T @ 2.00GHz	10946	315	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11657	290	30.97	\$376.41
Intel Xeon Silver 4112 @ 2.60GHz	8611	526	16.75	\$513.99*
Intel Xeon Silver 4114 @ 2.20GHz	14297	199	24.47	\$584.38
Intel Xeon Silver 4116 @ 2.10GHz	15509	170	15.68	\$989.00
Intel Xeon Silver 4123 @ 3.00GHz	15185	175	NA	NA
Intel Xeon Silver 4208 @ 2.10GHz	13116	241	26.46	\$495.80
Intel Xeon Silver 4210 @ 2.20GHz	15974	155	28.77	\$555.31
Intel Xeon Silver 4214 @ 2.20GHz	17630	115	27.98	\$630.21
Intel Xeon Silver 4215 @ 2.50GHz	15200	174	20.29	\$749.00*
Intel Xeon Silver 4216 @ 2.10GHz	19538	93	20.52	\$952.00
Intel Xeon W3503 @ 2.40GHz	1757	1898	175.90	\$9.99*
Intel Xeon W3505 @ 2.53GHz	1844	1861	74.18	\$24.86*
Intel Xeon W3520 @ 2.67GHz	4940	950	102.93	\$48.00*
Intel Xeon W3530 @ 2.80GHz	5217	897	17.75	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5399	869	271.06	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5567	843	185.63	\$29.99*
Intel Xeon W3565 @ 3.20GHz	5776	812	288.99	\$19.99*
Intel Xeon W3570 @ 3.20GHz	6047	786	12.60	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6183	766	28.83	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8021	580	16.04	\$499.99*
Intel Xeon W3680 @ 3.33GHz	8904	496	55.67	\$159.95*
Intel Xeon W3690 @ 3.47GHz	8978	485	46.04	\$195.01
Intel Xeon W5580 @ 3.20GHz	5836	807	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6088	783	2.43	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	6981	685	29.70	\$235.05*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2104 @ 3.20GHz	7475	641	29.32	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10663	333	33.43	\$318.99
Intel Xeon W-2125 @ 4.00GHz	12326	267	25.25	\$488.10*
Intel Xeon W-2133 @ 3.60GHz	14382	195	23.31	\$617.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is)	Rank (lower is)	CPU Value (higher is)	Price (USD)
Intel Xeon W-2140B @ 3.20GHz	18620	100	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19765	85	16.64	\$1,187.78
Intel Xeon W-2150B @ 3.00GHz	21451	61	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21917	54	14.32	\$1,530.39*
Intel Xeon W-2170B @ 2.50GHz	24561	34	NA	NA
Intel Xeon W-2175 @ 2.50GHz	24454	36	11.60	\$2,107.96
Intel Xeon W-2195 @ 2.30GHz	24481	35	7.04	\$3,478.65
Intel Xeon W-3175X @ 3.10GHz	33538	4	10.94	\$3,066.63
Intel Xeon W-3265 @ 2.70GHz	31691	7	9.46	\$3,349.00*
Intel Xeon X3210 @ 2.13GHz	2740	1502	14.76	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1381	51.35	\$60.15*
Intel Xeon X3230 @ 2.66GHz	3398	1282	47.53	\$71.50*
Intel Xeon X3320 @ 2.50GHz	3306	1310	14.41	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3178	1348	164.16	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3340	1302	15.91	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1177	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1168	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3925	1159	24.85	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3982	1138	116.84	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	1084	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4600	1017	9.02	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3343	1300	104.52	\$31.99*
Intel Xeon X3440 @ 2.53GHz	4511	1035	31.78	\$141.96*
Intel Xeon X3450 @ 2.67GHz	4748	987	59.39	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5147	909	14.42	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5331	881	33.33	\$159.95*
Intel Xeon X3480 @ 3.07GHz	5661	826	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1599	45.47	\$54.00*
Intel Xeon X5270 @ 3.50GHz	2553	1563	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1622	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3170	1351	10.23	\$309.95
Intel Xeon X5365 @ 3.00GHz	3524	1250	45.19	\$77.99*
Intel Xeon X5450 @ 3.00GHz	4106	1118	68.49	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4323	1078	43.33	\$99.78*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5472 @ 3.00GHz	4001	1134	17.78	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4528	1033	45.29	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	964	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5270	888	17.29	\$304.85*
Intel Xeon X5560 @ 2.80GHz	5405	866	159.04	\$33.99*
Intel Xeon X5570 @ 2.93GHz	5615	834	23.40	\$239.95*
Intel Xeon X5647 @ 2.93GHz	5797	808	290.91	\$19.93*
Intel Xeon X5650 @ 2.67GHz	7291	659	105.02	\$69.43*
Intel Xeon X5660 @ 2.80GHz	7589	630	120.11	\$63.19*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5667 @ 3.07GHz	6198	765	265.70	\$23.33*
Intel Xeon X5670 @ 2.93GHz	7810	608	229.72	\$34.00
Intel Xeon X5672 @ 3.20GHz	6461	741	143.61	\$44.99*
Intel Xeon X5675 @ 3.07GHz	7993	586	150.86	\$52.99
Intel Xeon X5677 @ 3.47GHz	6754	710	79.46	\$85.00*
Intel Xeon X5679 @ 3.20GHz	8958	488	NA	NA
Intel Xeon X5680 @ 3.33GHz	8354	550	119.43	\$69.95
Intel Xeon X5687 @ 3.60GHz	6967	689	123.71	\$56.32*
Intel Xeon X5690 @ 3.47GHz	8792	507	73.27	\$120.00
Intel Xeon X5698 @ 4.40GHz	4272	1086	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1416	NA	NA
Mobile AMD Athlon 4	314	2784	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2739	NA	NA
Mobile AMD Athlon 64 2700+	398	2690	NA	NA
Mobile AMD Athlon 64 2800+	440	2641	NA	NA
Mobile AMD Athlon 64 3000+	450	2629	NA	NA
Mobile AMD Athlon 64 3200+	448	2633	NA	NA
Mobile AMD Athlon 64 3400+	511	2572	NA	NA
Mobile AMD Athlon 64 3700+	435	2651	NA	NA
Mobile AMD Athlon 64 4000+	576	2533	NA	NA
Mobile AMD Athlon 1400+	266	2859	NA	NA
Mobile AMD Athlon 2500+	370	2723	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2860	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon MP-M 2400+	295	2813	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2584	NA	NA
Mobile AMD Athlon XP	572	2537	45.81	\$12.49
Mobile AMD Athlon XP-M	512	2571	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2941	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2863	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2865	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2772	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2808	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2756	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2802	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2733	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2751	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2749	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2722	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2731	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2730	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2642	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2590	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2575	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2821	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2812	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2761	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2720	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2606	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M (LV) 3200+	505	2578	NA	NA
Mobile AMD Sempron 2100+	252	2874	NA	NA
Mobile AMD Sempron 2600+	394	2696	NA	NA
Mobile AMD Sempron 2800+	364	2734	NA	NA
Mobile AMD Sempron 3000+	389	2707	NA	NA
Mobile AMD Sempron 3100+	416	2664	NA	NA
Mobile AMD Sempron 3200+	354	2743	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Mobile AMD Sempron 3400+	441	2640	NA	NA
Mobile AMD Sempron 3500+	408	2673	NA	NA
Mobile AMD Sempron 3600+	427	2658	NA	NA
Mobile AMD Sempron 3800+	485	2595	NA	NA
Mobile Intel Celeron 1.20GHz	170	2952	NA	NA
Mobile Intel Celeron 1.50GHz	188	2936	NA	NA
Mobile Intel Celeron 1.60GHz	188	2937	NA	NA
Mobile Intel Celeron 1.70GHz	181	2945	NA	NA
Mobile Intel Celeron 1.80GHz	186	2939	NA	NA
Mobile Intel Celeron 2.00GHz	204	2921	NA	NA
Mobile Intel Celeron 2.20GHz	226	2901	NA	NA
Mobile Intel Celeron 2.40GHz	236	2893	NA	NA
Mobile Intel Celeron 2.50GHz	281	2840	NA	NA
Mobile Intel Celeron 1200MHz	294	2814	NA	NA
Mobile Intel Celeron 1333MHz	280	2842	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2847	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2862	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2844	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2782	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2758	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2740	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2643	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2603	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2931	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2951	0.91	\$189.98
Mobile Intel Pentium 4 - M 1.80GHz	175	2948	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2896	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2926	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2928	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2912	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2869	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2786	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2915	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2927	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Mobile Intel Pentium III - M 1133MHz</u>	289	2819	NA	NA
<u>Mobile Intel Pentium III - M 1200MHz</u>	224	2902	NA	NA
<u>Mobile Intel Pentium III - M 1333MHz</u>	289	2820	NA	NA
<u>Pentium Dual-Core E6000 @ 3.46GHz</u>	2501	1584	NA	NA
<u>Quad-Core AMD Opteron 1385</u>	3442	1274	<u>63.75</u>	<u>\$54.00*</u>
<u>Quad-Core AMD Opteron 1389</u>	3446	1273	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Six-Core AMD Opteron 2419 EE</u>	2925	1437	NA	NA
<u>VIA C3 Ezra</u>	100	2980	NA	NA
<u>VIA C7 1500MHz</u>	284	2831	NA	NA
<u>VIA C7-D 1500MHz</u>	287	2827	NA	NA
<u>VIA C7-D 1800MHz</u>	203	2923	NA	NA
<u>VIA C7-D 2000MHz</u>	368	2726	NA	NA
<u>VIA C7-M 1000MHz</u>	164	2954	NA	NA
<u>VIA C7-M 1200MHz</u>	140	2967	NA	NA
<u>VIA C7-M 1600MHz</u>	178	2947	NA	NA
<u>VIA C7-M 6300MHz</u>	222	2904	NA	NA
<u>VIA Eden 800MHz</u>	155	2958	NA	NA
<u>VIA Eden 1000MHz</u>	123	2975	NA	NA
<u>VIA Eden 1200MHz</u>	142	2966	NA	NA
<u>VIA Eden C1050@1.06GHz</u>	352	2746	NA	NA
<u>VIA Eden X2 U4200 @ 1.0+ GHz</u>	499	2581	NA	NA
<u>VIA Eden X4 C4250 @ 1.2+GHz</u>	1262	2162	NA	NA
<u>VIA Esther 1000MHz</u>	146	2965	NA	NA
<u>VIA Esther 1300MHz</u>	250	2876	NA	NA
<u>VIA Esther 1500MHz</u>	219	2906	NA	NA
<u>VIA Esther 2000MHz</u>	394	2695	NA	NA
<u>VIA Nano L1900@1400MHz</u>	457	2623	NA	NA
<u>VIA Nano L2007@1600MHz</u>	369	2724	NA	NA
<u>VIA Nano L2100@1800MHz</u>	428	2656	NA	NA
<u>VIA Nano L2207@1600MHz</u>	296	2810	NA	NA
<u>VIA Nano L3025@1600MHz</u>	517	2568	NA	NA
<u>VIA Nano L3050@1800MHz</u>	581	2530	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano U2250 (1.6GHz Capable)	415	2665	NA	NA
VIA Nano U2250@1300+MHz	274	2851	NA	NA
VIA Nano U2500@1200MHz	306	2793	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2579	NA	NA
VIA Nano U3300@1200MHz	409	2672	NA	NA
VIA Nano U3500@1000MHz	275	2849	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2515	NA	NA
VIA Nehemiah	155	2959	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1833	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	2100	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2209	NA	NA
VIA Samuel 2	79	2982	NA	NA
ZHAOXIN KaiXian KX-U6780A@2.7GHz	5760	818	NA	NA
ZHAOXIN KaiXian ZX-C+ C4700@2.0GHz	2069	1754	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)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	332	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	153	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	438	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	444	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	490	NA	NA
[Dual CPU] AMD EPYC 7251	12955	209	10.91	\$1,187.40
[Dual CPU] AMD EPYC 7261	12430	216	9.31	\$1,334.68
[Dual CPU] AMD EPYC 7281	13293	205	9.71	\$1,368.94
[Dual CPU] AMD EPYC 7371	19370	134	6.25	\$3,100.00*
[Dual CPU] AMD EPYC 7401	23518	82	7.24	\$3,249.80
[Dual CPU] AMD EPYC 7451	28957	47	6.09	\$4,752.42
[Dual CPU] AMD EPYC 7501	28991	46	7.03	\$4,121.72
[Dual CPU] AMD EPYC 7542	46721	3	NA	NA
[Dual CPU] AMD EPYC 7551	31452	34	11.08	\$2,839.80
[Dual CPU] AMD EPYC 7601	33545	26	5.34	\$6,279.12

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
[Dual CPU] AMD Opteron 246	1130	479	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	480	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	475	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	476	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	485	NA	NA
[Dual CPU] AMD Opteron 256	1853	472	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	470	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	466	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	469	13.00	\$164.10*
[Dual CPU] AMD Opteron 280	2452	461	18.86	\$130.00
[Dual CPU] AMD Opteron 285	2769	451	17.32	\$159.90
[Dual CPU] AMD Opteron 290	2716	453	10.06	\$270.00*
[Dual CPU] AMD Opteron 850	1410	477	0.47	\$3,028.00*
[Dual CPU] AMD Opteron 885	2851	447	NA	NA
[Dual CPU] AMD Opteron 2212	2203	467	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	462	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	460	NA	NA
[Dual CPU] AMD Opteron 2216	2485	459	48.16	\$51.60
[Dual CPU] AMD Opteron 2216 HE	2593	455	NA	NA
[Dual CPU] AMD Opteron 2218	2719	452	17.00	\$159.90
[Dual CPU] AMD Opteron 2218 HE	2514	456	NA	NA
[Dual CPU] AMD Opteron 2220	2854	446	17.85	\$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	445	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	442	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	436	45.30	\$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	426	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	433	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	427	25.50	\$159.90*
[Dual CPU] AMD Opteron 2354	4554	415	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	418	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	397	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	424	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	411	36.92	\$130.00
[Dual CPU] AMD Opteron 2376	5238	398	15.70	\$333.62*

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2378	5318	396	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5560	390	61.78	\$90.00
[Dual CPU] AMD Opteron 2384	5714	383	3.40	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	370	NA	NA
[Dual CPU] AMD Opteron 2389	5677	384	48.11	\$118.00*
[Dual CPU] AMD Opteron 2419	5191	400	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	371	NA	NA
[Dual CPU] AMD Opteron 2427	5907	380	36.94	\$159.90
[Dual CPU] AMD Opteron 2431	6438	364	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7068	348	54.37	\$130.00
[Dual CPU] AMD Opteron 2439 SE	8071	318	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	428	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	386	24.58	\$229.90*
[Dual CPU] AMD Opteron 4170 HE	6344	367	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	365	7.77	\$819.90*
[Dual CPU] AMD Opteron 4184	7813	322	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	317	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	319	NA	NA
[Dual CPU] AMD Opteron 4234	8953	292	19.46	\$459.98*
[Dual CPU] AMD Opteron 4274 HE	6797	355	84.98	\$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	276	NA	NA
[Dual CPU] AMD Opteron 4280	4525	416	45.25	\$100.00*
[Dual CPU] AMD Opteron 4284	9151	285	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9462	283	21.86	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	256	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	264	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11410	237	40.75	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	356	178.04	\$37.98
[Dual CPU] AMD Opteron 6128 HE	5582	389	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	302	NA	NA
[Dual CPU] AMD Opteron 6134	7586	334	86.22	\$87.98*
[Dual CPU] AMD Opteron 6136	7255	342	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	403	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6172	7621	333	19.24	\$396.00*
[Dual CPU] AMD Opteron 6174	7783	324	59.87	\$130.00
[Dual CPU] AMD Opteron 6176 SE	8448	307	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	439	16.40	\$189.90
[Dual CPU] AMD Opteron 6204	7134	344	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	296	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	251	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	269	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	258	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	9841	273	70.30	\$139.98
[Dual CPU] AMD Opteron 6274	10536	253	81.05	\$130.00
[Dual CPU] AMD Opteron 6275	10900	249	NA	NA
[Dual CPU] AMD Opteron 6276	10101	268	29.88	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	230	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8349	309	13.47	\$619.96*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6320	10716	252	20.69	\$518.02
[Dual CPU] AMD Opteron 6328	12013	229	16.49	\$728.48
[Dual CPU] AMD Opteron 6344	11203	242	14.40	\$778.00*
[Dual CPU] AMD Opteron 6348	11412	236	18.64	\$612.20*
[Dual CPU] AMD Opteron 6366 HE	12147	223	202.52	\$59.98*
[Dual CPU] AMD Opteron 6376	10452	255	79.39	\$131.66
[Dual CPU] AMD Opteron 6378	9145	286	4.51	\$2,029.70
[Dual CPU] AMD Opteron 6380	14200	188	118.85	\$119.48
[Dual CPU] AMD Opteron 6386 SE	12195	222	42.05	\$289.98*
[Dual CPU] AMD Opteron 8218	2831	448	61.54	\$46.00*
[Dual CPU] AMD Opteron 8220	2510	457	15.70	\$159.90
[Dual CPU] AMD Opteron 8222 SE	2793	450	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	437	67.15	\$48.00
[Dual CPU] AMD Opteron 8380	5643	387	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	399	NA	NA
[Dual CPU] AMD Opteron 8389	6517	361	41.25	\$158.00*
[Dual CPU] AMD Opteron 8431	5813	381	207.76	\$27.98*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is)	Rank (lower is)	CPU Value (higher is)	Price (USD)
[Dual CPU] AMD Opteron 8439 SE	7691	331	64.09	\$120.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	478	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	464	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	432	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	321	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	499	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	497	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	539	494	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	540	493	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	500	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	501	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	498	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	496	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	491	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	679	487	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	486	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	489	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	484	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	483	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	927	482	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1854	471	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	481	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	468	30.53	\$70.00*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2315	463	0.71	\$3,239.98*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	454	26.73	\$97.98*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	440	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2975	443	59.52	\$49.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	441	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3409	434	12.18	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3826	430	38.27	\$99.98

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11012	246	15.45	\$712.54*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	372	64.96	\$95.50
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	369	87.58	\$71.98*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	340	43.00	\$169.84*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	288	49.14	\$183.50*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11299	239	14.49	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	231	143.25	\$83.14*
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	312	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13220	208	64.73	\$204.24
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	192	67.90	\$202.70
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	10818	250	167.57	\$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	219	NA	NA
[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	12419	217	155.28	\$79.98*
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	210	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2448L @ 1.80GHz	11334	238	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	14276	187	119.01	\$119.96
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	15106	179	77.85	\$194.04
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11696	233	44.98	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	13442	202	52.51	\$256.00*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	143	43.06	\$431.28
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	368	66.25	\$95.70*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.80GHz	---	---	21.34	\$119.99
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	308	62.24	\$134.46
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8932	294	17.18	\$520.00*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8162	315	42.49	\$192.08*
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	9017	289	94.92	\$95.00*
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	271	47.29	\$212.06*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	247	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12227	221	210.88	\$57.98
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13225	207	163.51	\$80.88
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15263	177	85.75	\$178.00
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16453	162	22.54	\$729.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14339	186	11.05	\$1,298.00*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12620	213	11.49	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	184	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13443	201	168.29	\$79.88*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15944	168	181.43	\$87.88
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18470	147	98.24	\$188.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18725	142	16.75	\$1,118.00
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11172	243	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	194	175.27	\$78.20*
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	178	22.33	\$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7706	330	4.35	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15884	170	59.22	\$268.22

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16703	161	7.20	\$2,318.58
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14644	183	122.14	\$119.90
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14505	185	45.44	\$319.20
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19797	127	73.32	\$270.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20530	121	11.15	\$1,840.54*
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13667	195	113.97	\$119.92
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20680	118	53.58	\$385.98
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21029	111	40.44	\$519.98
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	105	5.98	\$3,603.92
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12399	218	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	191	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	149	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15036	180	172.83	\$87.00
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18872	140	107.73	\$175.18
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20294	123	82.82	\$245.04
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20809	115	7.16	\$2,907.98
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	13621	198	86.21	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14004	189	51.55	\$271.68*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	112	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2652 v3 @ 2.30GHz	19588	130	8.36	\$2,342.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13855	190	4.74	\$2,924.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.40GHz			NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	133	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	152	4.85	\$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16378	164	62.12	\$263.64*
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17795	151	41.79	\$425.78
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22374	98	34.96	\$639.90
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23086	88	7.70	\$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	87	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17053	157	83.29	\$204.74*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	73	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16370	165	158.32	\$103.40*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22686	94	34.37	\$660.00*
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22604	95	31.40	\$719.98
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22916	90	5.88	\$3,898.06*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18162	148	62.63	\$290.00
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20642	120	49.38	\$418.00
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22298	99	71.93	\$309.98
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	84	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	21751	104	15.54	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	62	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19762	128	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	20856	114	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	40	5.54	\$5,404.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.70GHz	21461	106	61.32	\$350.00
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21461	106	61.32	\$350.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24220	79	65.46	\$369.98
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22761	92	7.54	\$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	158	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21194	110	20.78	\$1,019.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	71	5.66	\$4,417.86*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	101	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26907	60	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	50	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20787	116	50.21	\$414.00*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23351	85	32.44	\$719.80*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24293	78	20.29	\$1,197.38
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26649	61	6.13	\$4,349.98*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19280	135	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	25703	68	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19635	129	73.82	\$266.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23579	81	43.25	\$545.16
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25767	67	56.02	\$460.00
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27411	57	6.32	\$4,339.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20717	117	40.00	\$517.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24793	74	25.30	\$979.98*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.10GHz				
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23501	83	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	39	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31774	33	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23297	86	37.70	\$618.00
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27386	58	26.90	\$1,018.00
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30440	38	4.98	\$6,109.98*
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	29460	44	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	28325	53	18.88	\$1,499.88
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	37	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	31	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	80	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26341	64	10.73	\$2,453.98
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	24	4.01	\$8,478.00
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	119	NA	NA
[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz	15383	174	85.56	\$179.80*
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	132	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	169	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	137	35.31	\$544.08*
[Dual CPU] Intel Xeon E5-4640 v3 @ 1.90GHz	20468	122	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	131	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18565	145	132.63	\$139.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	181	1.94	\$7,676.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-4650L @ 2.20GHz	13742	193	57.26	\$239.98*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	96	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	56	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	224	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	171	NA	NA
[Dual CPU] Intel Xeon E7-4830 @ 2.13GHz	9539	282	147.66	\$64.60*
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	97	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	228	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15263	176	40.38	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10965	248	27.41	\$399.98*
[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz	10207	266	1.02	\$10,017.02*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	465	120.97	\$18.84*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	429	22.74	\$177.56*
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3554	431	36.27	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4166	423	53.75	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	406	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	414	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5120	402	64.02	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5134	401	64.26	\$79.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6008	377	14.38	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6348	366	50.42	\$125.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6828	354	30.76	\$221.98*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7119	345	35.95	\$198.00*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7499	337	12.54	\$597.88
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7083	347	129.73	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7774	325	129.39	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2492	458	13.12	\$190.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4878	410	34.87	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4994	405	39.63	\$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	393	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7300	341	255.78	\$28.54*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7576	335	291.38	\$26.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7753	327	65.70	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	425	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	391	16.48	\$334.00
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5947	379	42.96	\$138.42*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	7981	320	67.65	\$117.98*
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8329	310	118.99	\$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8666	301	154.81	\$55.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10237	265	62.95	\$162.62*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10259	262	49.29	\$208.14*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	392	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	395	29.87	\$179.98*
[Dual CPU] Intel Xeon E7540 @ 2.00GHz	6738	358	210.96	\$31.94*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	102	8.41	\$2,618.10*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21437	107	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	109	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22810	91	10.23	\$2,229.56
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	70	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17463	154	6.82	\$2,560.26
[Dual CPU] Intel Xeon Gold 5217 @ 3.00GHz	22282	100	7.32	\$3,044.00*
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	59	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	22983	89	6.92	\$3,319.90*
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	139	7.30	\$2,618.80
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28610	51	7.57	\$3,779.94*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22725	93	6.46	\$3,519.50*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26366	63	6.77	\$3,895.56
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	55	6.26	\$4,399.80
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	24666	76	5.44	\$4,538.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29725	42	5.69	\$5,227.18*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	54	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34125	23	6.32	\$5,397.90*
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	30	6.68	\$4,879.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	48	4.72	\$6,116.66*
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	29907	41	NA	NA
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28802	49	4.92	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29655	43	3.22	\$9,217.90*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36731	17	6.28	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32941	29	5.01	\$6,569.90*
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33142	27	4.03	\$8,217.90
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	15	4.75	\$7,818.00*
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	24959	72	5.62	\$4,440.00*
[Dual CPU] Intel Xeon Gold 6242 @ 2.80GHz	33019	28	6.16	\$5,356.98
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31379	35	4.82	\$6,509.68*
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	33741	25	5.13	\$6,572.00*
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38755	10	5.87	\$6,599.98*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41159	6	5.72	\$7,200.00
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	417	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	421	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	408	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	388	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	374	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6453	363	117.33	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	376	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	407	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	352	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6961	351	271.49	\$25.64*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7553	336	196.08	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	6973	350	166.10	\$41.98*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8693	299	62.18	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9607	279	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9669	277	58.00	\$166.72*
[Dual CPU] Intel Xeon MP 2.50GHz	550	492	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	495	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	488	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	473	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36271	19	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	37838	12	2.46	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	45	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	9	3.33	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36410	18	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	20	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	14	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Platinum 8260 @ 2.40GHz	38202	11	4.06	\$9,404.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Silver 4108 @ 2.90GHz				
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	167	15.66	\$1,019.90*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16817	160	22.34	\$752.82
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	199	13.24	\$1,027.98*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19256	136	16.48	\$1,168.76
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	108	10.84	\$1,978.00
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	126	19.96	\$1,002.00*
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz	25402	69	20.15	\$1,260.42
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10070	270	47.04	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10249	263	2.04	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	261	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	412	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	413	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	409	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5737	382	9.25	\$619.90
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6196	373	39.72	\$155.98*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7436	338	62.01	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7794	323	39.06	\$199.56*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	316	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7769	326	17.26	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8170	314	40.85	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8672	300	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8748	297	14.35	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	8998	290	132.36	\$67.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9277	284	19.33	\$479.90*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9642	278	241.90	\$39.86*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11230	241	80.87	\$138.86*
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11632	234	92.04	\$126.38*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10289	260	220.51	\$46.66*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10320	259	114.69	\$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12452	214	117.49	\$105.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11161	244	65.65	\$170.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13428	203	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13339	204	95.35	\$139.90
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11736	232	104.19	\$112.64*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13651	196	56.88	\$240.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	306	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	359	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	298	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7542 @ 2.67GHz	8972	291	13.22	\$678.48*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	272	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11230	240	255.23	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	422	46.34	\$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	404	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	420	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	419	33.66	\$130.00
[Dual CPU] Quad-Core AMD Opteron 8378	5382	394	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	353	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	385	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	378	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	311	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 6136	9767	274	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	304	33.05	\$260.00
[Quad CPU] AMD Opteron 6272	12292	220	43.91	\$279.96
[Quad CPU] AMD Opteron 6274	10488	254	40.34	\$260.00
[Quad CPU] AMD Opteron 6276	15342	175	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	226	24.12	\$499.80

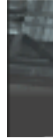
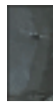
 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
[Quad CPU] AMD Opteron 6376	13257	206	50.35	\$263.32
[Quad CPU] AMD Opteron 6378	20859	113	5.14	\$4,059.40
[Quad CPU] AMD Opteron 6380	12442	215	52.07	\$238.96
[Quad CPU] AMD Opteron 8360 SE	6490	362	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	375	NA	NA
[Quad CPU] AMD Opteron 8382	8553	305	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	339	NA	NA
[Quad CPU] AMD Opteron 8431	8252	313	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	346	24.65	\$288.00*
[Quad CPU] AMD Opteron 8439 SE	8943	293	37.26	\$240.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	474	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	435	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	159	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	14669	182	27.32	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	197	42.59	\$319.96*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	75	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	20036	125	18.41	\$1,088.16*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	17127	156	61.18	\$279.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	65	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650L @ 2.60GHz	18557	146	38.66	\$479.96*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	36	2.14	\$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	124	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4830 @ 2.13GHz	13606	200	105.31	\$129.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	166	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	22	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	52	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	32	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7- 4850 @ 2.80GHz	15433	172	96.48	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17398	155	131.84	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15429	173	20.41	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	212	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	17965	150	0.90	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	349	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	328	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	267	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	280	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	287	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	66	5.10	\$5,120.52
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	21	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	8	2.48	\$16,435.80
[Quad CPU] Intel Xeon Gold 6248 @ 2.50GHz	41863	5	3.17	\$13,199.96*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	275	NA	NA
[Quad CPU] Intel Xeon L7555 @ 1.87GHz	10406	257	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	4	1.10	\$40,060.00*
[Quad CPU] Intel Xeon Platinum 8180M @ 2.50GHz	48904	2	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	281	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	227	4.24	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	303	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	235	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	12824	211	145.73	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	343	27.58	\$260.00

* - Last price seen from our affiliates.



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