

CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

CPU List

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

 Find CPU

Trizeps VIII with i.MX 8M CPU

CPU Module i.MX 8M Cortex A53

Linux, Android, Windows 10 IoT Core, up to 4GB LPDDR4 RAM, 1 GBit Ethernet, USB 2.0
keith-koep.com

OPEN

Single CPU Systems

- CPUS

- High End
 - High Mid Range
 - Low Mid Range
 - Low End

- Best Value (On Market)
 - Best Value XY Scatter
 - Best Value (All time)

- New Desktop
 - New Laptop

- Single Thread
 - Systems with Multiple CPUs
 - Overclocked
 - Power Performance
 - CPU Mark by Socket Type

- CPU Mega List
 - Search Model

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4 Micro-6400T APU	1550	2016	NA	NA
AMD A4 PRO-3340B	2402	1616	NA	NA
AMD A4 PRO-7300B APU	2353	1635	NA	NA
AMD A4 PRO-7350B	2227	1687	NA	NA
AMD A4-1200 APU	632	2480	NA	NA
AMD A4-1250 APU	622	2486	NA	NA
AMD A4-3300 APU	1504	2036	115.78	\$12.99
AMD A4-3300M APU	1186	2207	39.55	\$29.99*
AMD A4-3305M APU	1228	2182	39.86	\$30.81
AMD A4-3310MX APU	1286	2145	NA	NA
AMD A4-3320M APU	1253	2170	33.96	\$36.90
AMD A4-3330MX APU	1218	2188	NA	NA
AMD A4-3400 APU	1594	1995	18.12	\$87.95
AMD A4-3420 APU	1664	1958	NA	NA
AMD A4-4000 APU	1826	1874	14.24	\$128.27*
AMD A4-4020 APU	1909	1830	23.00	\$83.00
AMD A4-4300M APU	1616	1982	40.54	\$39.86

★ Common
CPU Benchmarks
Benchmarked

📈 AMD vs Intel
Market Share
Year on Year
Performance

RF Test Gear
GIVEAWAY
Keysight Wave
Giveaway 2020
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TECHNOLOGIES

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5000 APU	1922	1824	NA	NA
AMD A4-5050 APU	2124	1728	NA	NA
AMD A4-5100 APU	2060	1758	NA	NA
AMD A4-5150M APU	1864	1857	NA	NA
AMD A4-5300 APU	1483	2048	13.45	\$110.32*
AMD A4-5300B APU	2139	1718	56.29	\$38.00*
AMD A4-6210 APU	2173	1705	NA	NA
AMD A4-6250J APU	2537	1567	NA	NA
AMD A4-6300 APU	2228	1686	48.91	\$45.55*
AMD A4-6300B APU	2159	1712	21.59	\$100.00*
AMD A4-6320 APU	2329	1640	33.28	\$69.99*
AMD A4-7210 APU	2526	1570	NA	NA
AMD A4-7300 APU	2315	1645	20.67	\$112.00
AMD A4-9120	1956	1806	NA	NA
AMD A4-9120C	1539	2021	NA	NA
AMD A4-9125	1508	2034	NA	NA
AMD A6 Micro-6500T APU	1834	1869	NA	NA
AMD A6 PRO-7050B APU	1616	1983	NA	NA
AMD A6 PRO-7400B	2621	1536	NA	NA
AMD A6-1450 APU	1539	2020	NA	NA
AMD A6-3400M APU	1886	1846	62.93	\$29.97*
AMD A6-3410MX APU	2050	1761	513.78	\$3.99*
AMD A6-3420M APU	1706	1931	NA	NA
AMD A6-3430MX APU	2200	1697	NA	NA
AMD A6-3500 APU	2029	1771	50.74	\$39.99*
AMD A6-3600 APU	2707	1514	117.75	\$22.99*
AMD A6-3620 APU	2792	1480	46.54	\$59.99*
AMD A6-3650 APU	3141	1358	98.19	\$31.99*
AMD A6-3670 APU	2726	1507	4.47	\$610.00*
AMD A6-4400M APU	1644	1969	205.76	\$7.99*
AMD A6-4455M APU	1286	2144	NA	NA
AMD A6-5200 APU	2439	1603	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5345M APU	1476	2051	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5350M APU	1909	1831	44.27	\$43.12
AMD A6-5357M APU	1961	1803	NA	NA
AMD A6-5400B APU	2243	1678	21.35	\$105.04*
AMD A6-5400K APU	1800	1880	29.03	\$62.02
AMD A6-6310 APU	2470	1594	NA	NA
AMD A6-6400B APU	2281	1658	NA	NA
AMD A6-6400K APU	1558	2012	21.96	\$70.97*
AMD A6-6420B APU	2612	1538	NA	NA
AMD A6-6420K APU	2373	1629	15.82	\$149.99*
AMD A6-7000	1667	1954	NA	NA
AMD A6-7310 APU	2239	1682	NA	NA
AMD A6-7400K APU	2784	1485	20.62	\$135.00
AMD A6-7470K	2739	1504	12.56	\$218.00
AMD A6-7480	3096	1375	70.38	\$43.99*
AMD A6-8500P	2202	1696	NA	NA
AMD A6-8550	3032	1396	NA	NA
AMD A6-9200	1763	1898	NA	NA
AMD A6-9210	1755	1904	NA	NA
AMD A6-9220	2156	1713	NA	NA
AMD A6-9220C	1962	1802	NA	NA
AMD A6-9220e	1586	1999	NA	NA
AMD A6-9225	1567	2006	NA	NA
AMD A6-9230	2102	1735	NA	NA
AMD A6-9400	2717	1508	NA	NA
AMD A6-9500	3038	1395	54.21	\$56.04
AMD A6-9500E	2889	1453	26.94	\$107.23*
AMD A8 PRO-7150B APU	2654	1524	NA	NA
AMD A8 PRO-7600B APU	4740	999	NA	NA
AMD A8-3500M APU	1985	1788	28.38	\$69.95
AMD A8-3510MX APU	2410	1613	NA	NA
AMD A8-3520M APU	2169	1707	NA	NA
AMD A8-3530MX APU	2355	1633	NA	NA
AMD A8-3550MX APU	2610	1540	NA	NA
AMD A8-3800 APU	3004	1408	25.04	\$119.95*

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-3820 APU	3102	1373	24.82	\$124.99*
AMD A8-3850 APU	3458	1265	32.72	\$105.68*
AMD A8-3870K APU	3531	1245	23.59	\$149.67*
AMD A8-4500M APU	2667	1521	NA	NA
AMD A8-4555M APU	1789	1885	NA	NA
AMD A8-5500 APU	4000	1149	70.80	\$56.50*
AMD A8-5500B APU	4043	1142	NA	NA
AMD A8-5545M APU	2264	1669	NA	NA
AMD A8-5550M APU	3002	1409	NA	NA
AMD A8-5557M APU	2956	1427	NA	NA
AMD A8-5600K APU	4345	1082	18.95	\$229.30
AMD A8-6410 APU	2579	1548	NA	NA
AMD A8-6500 APU	4399	1071	46.31	\$94.99*
AMD A8-6500B APU	4614	1021	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	1310	NA	NA
AMD A8-6600K APU	4593	1029	47.36	\$96.99*
AMD A8-7050	1824	1875	NA	NA
AMD A8-7100 APU	2798	1477	NA	NA
AMD A8-7200P	3338	1298	NA	NA
AMD A8-7410 APU	2754	1498	NA	NA
AMD A8-7500	5755	828	NA	NA
AMD A8-7600 APU	4284	1095	29.15	\$146.94*
AMD A8-7650K	3898	1167	16.95	\$230.00*
AMD A8-7670K	5089	931	31.59	\$161.10*
AMD A8-7680	5355	892	89.26	\$59.99*
AMD A8-8600P	3248	1319	NA	NA
AMD A8-8650	5465	870	NA	NA
AMD A8-9600	4254	1102	60.89	\$69.87
AMD A9-9400	2310	1647	NA	NA
AMD A9-9410	2529	1569	NA	NA
AMD A9-9420	2088	1738	NA	NA
AMD A9-9420e	1774	1892	NA	NA
AMD A9-9425	1978	1793	NA	NA

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A9-9430	2547	1562	NA	NA
AMD A10 Micro-6700T APU	1970	1798	NA	NA
AMD A10 PRO-7350B APU	3152	1354	NA	NA
AMD A10 PRO-7800B APU	4935	959	NA	NA
AMD A10 PRO-7850B APU	5380	888	NA	NA
AMD A10-4600M APU	3117	1369	28.35	\$109.95
AMD A10-4655M APU	2606	1541	NA	NA
AMD A10-4657M APU	2906	1444	NA	NA
AMD A10-5700 APU	4215	1112	65.35	\$64.50*
AMD A10-5745M APU	2769	1490	NA	NA
AMD A10-5750M APU	3341	1295	NA	NA
AMD A10-5757M APU	3084	1382	NA	NA
AMD A10-5800B APU	4639	1015	NA	NA
AMD A10-5800K APU	3506	1254	14.03	\$249.95
AMD A10-6700 APU	4603	1025	39.35	\$116.99*
AMD A10-6700T APU	3711	1208	25.14	\$147.61*
AMD A10-6790K APU	4718	1002	49.67	\$94.99*
AMD A10-6800B APU	4822	981	NA	NA
AMD A10-6800K APU	4863	973	55.41	\$87.76*
AMD A10-7300 APU	2302	1652	NA	NA
AMD A10-7400P	3608	1227	NA	NA
AMD A10-7700K APU	5119	928	40.80	\$125.47*
AMD A10-7800 APU	4976	955	48.13	\$103.39*
AMD A10-7850K APU	5465	868	32.66	\$167.33*
AMD A10-7860K	4206	1114	24.04	\$175.00*
AMD A10-7870K	5477	867	24.13	\$226.99*
AMD A10-7890K	5702	835	28.51	\$199.99*
AMD A10-8700P	2479	1592	NA	NA
AMD A10-8750	5030	943	NA	NA
AMD A10-8850	5604	848	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9600P	3759	1197	NA	NA
AMD A10-9620P	3668	1216	NA	NA
AMD A10-9630P	4436	1064	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9700	5384	887	56.68	\$94.99
AMD A10-9700E	4727	1001	30.67	\$154.10*
AMD A12-9700P	3156	1352	NA	NA
AMD A12-9720P	3969	1154	NA	NA
AMD A12-9730P	4417	1068	NA	NA
AMD A12-9800	5579	854	37.63	\$148.24*
AMD A12-9800E	5031	942	37.05	\$135.78*
AMD Athlon64 X2 Dual Core 4600+	1108	2248	NA	NA
AMD Athlon 64 2000+	177	2802	NA	NA
AMD Athlon 64 2600+	374	2640	NA	NA
AMD Athlon 64 2800+	438	2587	4.38	\$99.99*
AMD Athlon 64 3000+	464	2566	7.73	\$60.00
AMD Athlon 64 3100+	484	2553	NA	NA
AMD Athlon 64 3200+	494	2544	3.29	\$149.95*
AMD Athlon 64 3300+	576	2505	NA	NA
AMD Athlon 64 3400+	545	2515	NA	NA
AMD Athlon 64 3500+	541	2520	4.97	\$108.95
AMD Athlon 64 3700+	598	2495	8.67	\$69.00*
AMD Athlon 64 3800+	589	2499	5.36	\$109.95
AMD Athlon 64 4000+	608	2490	3.32	\$183.27*
AMD Athlon 64 FX-55	721	2446	4.01	\$179.95*
AMD Athlon 64 FX-57	740	2440	NA	NA
AMD Athlon 64 FX-59	715	2449	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2148	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	2003	NA	NA
AMD Athlon 64 FX-74	1495	2043	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2335	NA	NA
AMD Athlon 64 X2 Dual Core 3400+	994	2313	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2329	16.03	\$60.00
AMD Athlon 64 X2 Dual Core 3800+	1000	2306	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1044	2279	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1096	2251	5.35	\$204.95
AMD Athlon 64 X2 Dual Core 4400+	1145	2231	19.09	\$59.99
AMD Athlon 64 X2 Dual Core 4600+	1220	2187	3.39	\$359.95*

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon 64 X2 Dual Core 4800+</u>	1253	2169	<u>2.72</u>	<u>\$459.95*</u>
<u>AMD Athlon 64 X2 Dual Core 5000+</u>	1314	2126	<u>3.96</u>	<u>\$331.49*</u>
<u>AMD Athlon 64 X2 Dual Core 5200+</u>	1091	2254	<u>18.19</u>	<u>\$60.00*</u>
<u>AMD Athlon 64 X2 Dual Core 5400+</u>	1444	2067	<u>27.25</u>	<u>\$52.99*</u>
<u>AMD Athlon 64 X2 Dual Core 5600+</u>	1487	2046	<u>8.26</u>	<u>\$179.95*</u>
<u>AMD Athlon 64 X2 Dual Core 5800+</u>	1516	2030	<u>60.66</u>	<u>\$24.99*</u>
<u>AMD Athlon 64 X2 Dual Core 6000+</u>	1602	1990	<u>34.86</u>	<u>\$45.95</u>
<u>AMD Athlon 64 X2 Dual Core 6400+</u>	1785	1888	<u>6.87</u>	<u>\$259.95*</u>
<u>AMD Athlon 64 X2 Dual Core BE-2300</u>	1082	2263	NA	NA
<u>AMD Athlon 64 X2 Dual Core BE-2350</u>	1044	2280	NA	NA
<u>AMD Athlon 64 X2 Dual Core TK-53</u>	839	2397	<u>27.99</u>	<u>\$29.97*</u>
<u>AMD Athlon 64 X2 Dual Core TK-55</u>	839	2396	<u>14.53</u>	<u>\$57.74*</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 TK-42</u>	877	2375	NA	NA
<u>AMD Athlon 64 X2 Dual-Core TK-53</u>	823	2403	NA	NA
<u>AMD Athlon 64 X2 Dual-Core TK-55</u>	870	2377	<u>11.96</u>	<u>\$72.74*</u>
<u>AMD Athlon 64 X2 Dual-Core TK-57</u>	924	2354	NA	NA
<u>AMD Athlon 64 X2 QL-60</u>	924	2356	NA	NA
<u>AMD Athlon 64 X2 QL-62</u>	1005	2301	NA	NA
<u>AMD Athlon 64 X2 QL-64</u>	994	2315	NA	NA
<u>AMD Athlon 64 X2 QL-65</u>	1050	2278	NA	NA
<u>AMD Athlon 64 X2 QL-66</u>	947	2342	NA	NA
<u>AMD Athlon 64 X2 QL-67</u>	1006	2300	NA	NA
<u>AMD Athlon 200GE</u>	4564	1031	<u>58.63</u>	<u>\$77.86</u>
<u>AMD Athlon 220GE</u>	5209	916	<u>61.03</u>	<u>\$85.35</u>
<u>AMD Athlon 240GE</u>	5433	878	<u>78.75</u>	<u>\$68.99</u>
<u>AMD Athlon 300GE</u>	5517	863	NA	NA
<u>AMD Athlon 300U</u>	4553	1033	NA	NA
<u>AMD Athlon 1500+</u>	294	2718	NA	NA
<u>AMD Athlon 1640B</u>	670	2470	<u>13.40</u>	<u>\$50.00*</u>
<u>AMD Athlon 2650e</u>	407	2611	<u>21.42</u>	<u>\$19.00*</u>
<u>AMD Athlon 2800+</u>	447	2581	<u>3.19</u>	<u>\$139.95*</u>
<u>AMD Athlon 2850e</u>	506	2540	NA	NA
<u>AMD Athlon 3000G</u>	5284	904	<u>96.09</u>	<u>\$54.99*</u>

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 5000 Dual-Core	1292	2139	10.77	\$119.95
AMD Athlon 5150 APU	2112	1731	13.20	\$159.95*
AMD Athlon 5200 Dual-Core	1266	2163	42.21	\$29.99*
AMD Athlon 5350 APU	2611	1539	38.83	\$67.24
AMD Athlon 5370 APU	2915	1440	45.76	\$63.70*
AMD Athlon 7450 Dual-Core	1449	2065	NA	NA
AMD Athlon 7550 Dual-Core	1472	2053	24.53	\$60.00
AMD Athlon 7750 Dual-Core	1569	2005	10.26	\$152.99*
AMD Athlon 7850 Dual-Core	1710	1927	8.16	\$209.65*
AMD Athlon Dual Core 4050e	1086	2258	NA	NA
AMD Athlon Dual Core 4450B	1170	2216	37.74	\$31.00*
AMD Athlon Dual Core 4450e	1111	2245	NA	NA
AMD Athlon Dual Core 4850B	1391	2086	NA	NA
AMD Athlon Dual Core 4850e	1312	2127	33.64	\$39.00*
AMD Athlon Dual Core 5000B	1310	2131	13.79	\$95.00*
AMD Athlon Dual Core 5050e	1346	2114	22.43	\$60.00*
AMD Athlon Dual Core 5200B	1316	2125	NA	NA
AMD Athlon Dual Core 5400B	1420	2076	NA	NA
AMD Athlon Dual Core 5600B	1304	2133	NA	NA
AMD Athlon II 160u	563	2510	18.77	\$29.99*
AMD Athlon II 170u	627	2482	34.85	\$17.99
AMD Athlon II Dual-Core M300	1113	2244	NA	NA
AMD Athlon II Dual-Core M320	1141	2232	38.03	\$30.00*
AMD Athlon II Dual-Core M340	1056	2274	NA	NA
AMD Athlon II N330 Dual-Core	1154	2225	NA	NA
AMD Athlon II N350 Dual-Core	1249	2175	NA	NA
AMD Athlon II N370 Dual-Core	1559	2011	NA	NA
AMD Athlon II Neo K125	477	2558	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II Neo K145	525	2527	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2424	29.82	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2385	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2417	NA	NA
AMD Athlon II P320 Dual-Core	1215	2190	40.57	\$29.95*

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II P340 Dual-Core	1251	2174	25.05	\$49.95
AMD Athlon II P360 Dual-Core	1009	2298	42.07	\$24.00*
AMD Athlon II X2 210e	1593	1996	NA	NA
AMD Athlon II X2 215	1567	2007	130.69	\$11.99*
AMD Athlon II X2 220	1635	1974	81.79	\$19.99*
AMD Athlon II X2 235e	1658	1964	9.12	\$181.88*
AMD Athlon II X2 240	1645	1968	47.07	\$34.95
AMD Athlon II X2 240e	1697	1937	48.56	\$34.95*
AMD Athlon II X2 245	1660	1963	47.50	\$34.95*
AMD Athlon II X2 245e	1714	1925	20.54	\$83.45
AMD Athlon II X2 250	1469	2055	37.73	\$38.95
AMD Athlon II X2 250e	1939	1815	25.27	\$76.73*
AMD Athlon II X2 250u	1004	2302	28.73	\$34.95
AMD Athlon II X2 255	1842	1865	28.24	\$65.22*
AMD Athlon II X2 260	1878	1849	93.95	\$19.99*
AMD Athlon II X2 260u	1107	2249	13.27	\$83.44*
AMD Athlon II X2 265	1892	1840	22.83	\$82.88*
AMD Athlon II X2 270	1975	1794	82.33	\$23.99*
AMD Athlon II X2 270u	1285	2146	18.99	\$67.67*
AMD Athlon II X2 280	2133	1723	21.33	\$99.99*
AMD Athlon II X2 4300e	1483	2049	NA	NA
AMD Athlon II X2 4400e	1632	1976	NA	NA
AMD Athlon II X2 4450e	1504	2038	NA	NA
AMD Athlon II X2 B22	1715	1922	41.14	\$41.69*
AMD Athlon II X2 B24	1787	1887	52.40	\$34.10
AMD Athlon II X2 B26	1903	1835	42.34	\$44.95*
AMD Athlon II X2 B28	2085	1741	42.51	\$49.05*
AMD Athlon II X3 400e	2000	1785	18.62	\$107.43*
AMD Athlon II X3 405e	2000	1783	25.00	\$79.99*
AMD Athlon II X3 415e	2224	1690	29.65	\$75.00*
AMD Athlon II X3 420e	2285	1657	19.67	\$116.15*
AMD Athlon II X3 425	2304	1649	85.36	\$26.99*
AMD Athlon II X3 435	2470	1595	82.36	\$29.99*
AMD Athlon II X3 440	2567	1556	95.11	\$26.99*

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 445	2573	1554	28.27	\$91.00*
AMD Athlon II X3 450	2618	1537	74.91	\$34.95
AMD Athlon II X3 455	2762	1494	70.84	\$38.99*
AMD Athlon II X3 460	2864	1461	73.45	\$38.99*
AMD Athlon II X4 553	3814	1185	NA	NA
AMD Athlon II X4 555	3830	1180	NA	NA
AMD Athlon II X4 559	4123	1129	NA	NA
AMD Athlon II X4 600e	2465	1596	18.93	\$130.23*
AMD Athlon II X4 605e	2715	1510	26.67	\$101.80*
AMD Athlon II X4 610e	2789	1482	39.85	\$69.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 615e	2899	1451	49.14	\$59.00*
AMD Athlon II X4 620	2927	1435	41.82	\$69.99*
AMD Athlon II X4 630	3131	1362	49.74	\$62.95
AMD Athlon II X4 631 Quad-Core	3142	1357	39.28	\$80.00*
AMD Athlon II X4 635	3228	1325	46.15	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1336	120.72	\$26.49*
AMD Athlon II X4 640	2668	1519	33.38	\$79.95
AMD Athlon II X4 641 Quad-Core	3338	1297	36.48	\$91.50*
AMD Athlon II X4 645	3460	1264	69.21	\$49.99*
AMD Athlon II X4 650	3483	1260	20.91	\$166.60*
AMD Athlon II X4 651 Quad-Core	3565	1237	20.02	\$178.04*
AMD Athlon II X4 655	2998	1411	NA	NA
AMD Athlon L110	303	2700	NA	NA
AMD Athlon LE-1600	557	2512	26.52	\$21.00*
AMD Athlon LE-1620	569	2508	31.61	\$18.00*
AMD Athlon LE-1640	629	2481	NA	NA
AMD Athlon LE-1660	677	2466	NA	NA
AMD Athlon Neo MV-40	410	2606	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2303	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2423	NA	NA
AMD Athlon Neo X2 Dual Core L335	831	2398	NA	NA
AMD Athlon PRO 200GE	5133	927	NA	NA
AMD Athlon PRO 300GE	5554	859	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 TF-20	413	2603	NA	NA
AMD Athlon TF-36	395	2623	NA	NA
AMD Athlon X2 215	1543	2018	NA	NA
AMD Athlon X2 240	1611	1985	NA	NA
AMD Athlon X2 240e	1670	1950	NA	NA
AMD Athlon X2 250	1696	1938	NA	NA
AMD Athlon X2 255	1627	1979	NA	NA
AMD Athlon X2 280	2303	1650	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1938	1816	38.77	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1675	NA	NA
AMD Athlon X2 Dual Core 3250e	785	2422	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2308	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2358	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2247	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2191	NA	NA
AMD Athlon X2 Dual Core L310	647	2476	NA	NA
AMD Athlon X3 425	2191	1701	NA	NA
AMD Athlon X3 435	2574	1553	26.96	\$95.49*
AMD Athlon X3 440	2078	1745	23.62	\$87.99*
AMD Athlon X3 455	2401	1617	NA	NA
AMD Athlon X4 620	2861	1462	44.05	\$64.95
AMD Athlon X4 640	3172	1345	NA	NA
AMD Athlon X4 740 Quad Core	4035	1144	14.57	\$277.00*
AMD Athlon X4 750 Quad Core	4400	1070	NA	NA
AMD Athlon X4 750K Quad Core	3534	1244	45.90	\$76.99*
AMD Athlon X4 760K Quad Core	4603	1026	109.65	\$41.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X4 830	4701	1005	NA	NA
AMD Athlon X4 840	5071	934	64.40	\$78.74*
AMD Athlon X4 845	5405	882	101.73	\$53.13*
AMD Athlon X4 860K	4471	1057	33.14	\$134.95*
AMD Athlon X4 870K	5335	895	66.70	\$79.99*
AMD Athlon X4 880K	5569	856	55.70	\$99.99*
AMD Athlon X4 950	5229	911	39.32	\$133.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP1600+	281	2728	NA	NA
AMD Athlon XP2400+	374	2638	NA	NA
AMD Athlon XP 1500+	257	2744	NA	NA
AMD Athlon XP 1600+	267	2740	NA	NA
AMD Athlon XP 1700+	271	2736	4.42	\$61.25*
AMD Athlon XP 1800+	300	2708	5.09	\$58.95*
AMD Athlon XP 1900+	312	2695	NA	NA
AMD Athlon XP 2000+	300	2707	12.00	\$24.99*
AMD Athlon XP 2100+	323	2682	NA	NA
AMD Athlon XP 2200+	328	2680	3.86	\$84.95*
AMD Athlon XP 2400+	360	2655	4.00	\$89.99*
AMD Athlon XP 2500+	355	2659	NA	NA
AMD Athlon XP 2600+	372	2642	16.15	\$23.03*
AMD Athlon XP 2700+	393	2627	4.63	\$84.79*
AMD Athlon XP 2800+	400	2618	NA	NA
AMD Athlon XP 2900+	424	2599	NA	NA
AMD Athlon XP 3000+	402	2616	5.04	\$79.70*
AMD Athlon XP 3100+	433	2591	NA	NA
AMD Athlon XP 3200+	432	2592	NA	NA
AMD C-30	310	2696	NA	NA
AMD C-50	462	2567	NA	NA
AMD C-60	466	2563	NA	NA
AMD C-60 APU	544	2517	NA	NA
AMD C-70 APU	558	2511	NA	NA
AMD E1 Micro-6200T APU	960	2333	NA	NA
AMD E1-1200 APU	654	2475	NA	NA
AMD E1-1500 APU	533	2521	NA	NA
AMD E1-2100 APU	640	2479	NA	NA
AMD E1-2200 APU	767	2426	NA	NA
AMD E1-2500 APU	789	2420	NA	NA
AMD E1-6010 APU	871	2376	NA	NA
AMD E1-6015 APU	902	2367	NA	NA
AMD E1-6050J APU	1385	2089	NA	NA
AMD E1-7010 APU	1002	2304	NA	NA

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E2-1800 APU	814	2408	NA	NA
AMD E2-2000 APU	827	2401	NA	NA
AMD E2-3000 APU	1140	2234	NA	NA
AMD E2-3000M APU	1093	2253	54.65	\$20.00*
AMD E2-3200 APU	1381	2093	172.84	\$7.99*
AMD E2-3800 APU	1277	2152	NA	NA
AMD E2-6110 APU	1921	1825	NA	NA
AMD E2-7110 APU	1944	1814	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E2-9000	1649	1967	NA	NA
AMD E2-9000e	1310	2130	NA	NA
AMD E2-9010	1634	1975	NA	NA
AMD E2-9030	1515	2031	NA	NA
AMD E-240	317	2688	NA	NA
AMD E-300 APU	609	2489	NA	NA
AMD E-350	745	2436	NA	NA
AMD E-350 APU	759	2430	NA	NA
AMD E-350D APU	723	2444	NA	NA
AMD E-450 APU	555	2513	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1764	1897	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1739	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2533	1568	NA	NA
AMD Embedded R-Series RX-216GD	2409	1614	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	935	NA	NA
AMD Embedded R-Series RX-421BD	4635	1017	NA	NA
AMD EPYC 3201	9634	424	NA	NA
AMD EPYC 3251	11690	296	37.11	\$315.00*
AMD EPYC 7251	11811	287	27.99	\$421.98
AMD EPYC 7262	20691	86	31.64	\$653.99
AMD EPYC 7301	14978	198	22.90	\$654.11
AMD EPYC 7302P	30994	16	33.91	\$913.99
AMD EPYC 7351	18081	127	24.48	\$738.48

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD EPYC 7351P	14887	202	20.75	\$717.44
AMD EPYC 7371	22071	69	14.24	\$1,550.00*
AMD EPYC 7401P	20221	93	20.02	\$1,010.00
AMD EPYC 7402P	28291	26	20.41	\$1,386.45
AMD EPYC 7451	15760	175	14.29	\$1,103.09
AMD EPYC 7452	38257	7	19.52	\$1,960.00
AMD EPYC 7501	18942	114	5.80	\$3,264.58*
AMD EPYC 7502P	27437	31	11.00	\$2,493.99
AMD EPYC 7551	18483	118	3.57	\$5,175.69
AMD EPYC 7551P	18443	120	13.92	\$1,325.00
AMD EPYC 7571	20858	85	NA	NA
AMD EPYC 7702P	46067	5	9.63	\$4,783.99
AMD EPYC 7742	48062	3	10.41	\$4,618.13
AMD FirePro A320 APU	4540	1039	NA	NA
AMD FX-670K Quad-Core	4550	1035	NA	NA
AMD FX-770K Quad-Core	4819	982	NA	NA
AMD FX-870K Quad Core	5021	946	NA	NA
AMD FX-4100 Quad-Core	3439	1269	22.41	\$153.45*
AMD FX-4130 Quad-Core	4168	1122	54.85	\$75.99*
AMD FX-4150 Quad-Core	4594	1028	NA	NA
AMD FX-4170 Quad-Core	4874	971	48.74	\$99.99*
AMD FX-4200 Quad-Core	4289	1094	18.79	\$228.21*
AMD FX-4300 Quad-Core	4699	1007	53.37	\$88.04
AMD FX-4320	5011	950	NA	NA
AMD FX-4330	5163	923	NA	NA
AMD FX-4350 Quad-Core	4454	1060	10.36	\$430.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-6100 Six-Core	4362	1079	16.91	\$258.00*
AMD FX-6120 Six-Core	5766	824	NA	NA
AMD FX-6130 Six-Core	6215	768	NA	NA
AMD FX-6200 Six-Core	6108	784	17.97	\$339.95
AMD FX-6300 Six-Core	4519	1042	21.52	\$209.98
AMD FX-6330 Six-Core	6954	679	NA	NA
AMD FX-6350 Six-Core	5399	883	44.97	\$120.06*

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-7500 APU	3206	1330	NA	NA
AMD FX-7600P	4035	1145	NA	NA
AMD FX-7600P APU	4627	1018	NA	NA
AMD FX-8100 Eight-Core	5884	807	41.44	\$142.00*
AMD FX-8120 Eight-Core	5690	837	25.55	\$222.73*
AMD FX-8140 Eight-Core	6133	780	NA	NA
AMD FX-8150 Eight-Core	6530	731	4.52	\$1,443.99
AMD FX-8300 Eight-Core	6437	744	53.65	\$119.99*
AMD FX-8310 Eight-Core	7731	601	NA	NA
AMD FX-8320 Eight-Core	5002	951	36.25	\$138.01*
AMD FX-8320E Eight-Core	7585	613	31.70	\$239.24*
AMD FX-8350 Eight-Core	6390	751	15.59	\$409.98
AMD FX-8370 Eight-Core	7322	644	29.29	\$250.00*
AMD FX-8370E Eight-Core	7871	581	24.59	\$320.09*
AMD FX-8800P	4204	1115	NA	NA
AMD FX-9370 Eight-Core	9461	435	17.05	\$555.00
AMD FX-9590 Eight-Core	7781	592	20.48	\$379.91
AMD FX-9800P	3965	1156	NA	NA
AMD FX-9830P	4785	987	NA	NA
AMD FX-B4150 Quad-Core	4611	1023	NA	NA
AMD G-T40E	467	2562	NA	NA
AMD G-T40R	203	2786	NA	NA
AMD G-T44R	229	2766	NA	NA
AMD G-T48E	667	2471	NA	NA
AMD G-T52R	308	2697	NA	NA
AMD G-T56E	751	2434	NA	NA
AMD G-T56N	793	2419	NA	NA
AMD Geode NX 2400+	400	2619	NA	NA
AMD GX-210JA SOC	401	2617	NA	NA
AMD GX-212JC SOC	943	2344	NA	NA
AMD GX-217GA SOC	1113	2243	NA	NA
AMD GX-218GL SOC	1207	2194	NA	NA
AMD GX-222GC SOC	1255	2167	NA	NA
AMD GX-412HC	1503	2039	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD GX-415GA SOC	1982	1790	NA	NA
AMD GX-420CA SOC	2412	1612	NA	NA
AMD GX-424CC SOC	2497	1583	NA	NA
AMD Opteron 144	486	2547	7.48	\$65.00*
AMD Opteron 146	532	2522	8.87	\$59.99*
AMD Opteron 148	603	2494	NA	NA
AMD Opteron 150	604	2492	NA	NA
AMD Opteron 152	658	2474	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 154	703	2456	NA	NA
AMD Opteron 165	899	2368	1.63	\$550.00
AMD Opteron 170	1097	2250	NA	NA
AMD Opteron 175	1167	2218	NA	NA
AMD Opteron 180	1236	2178	9.51	\$129.95*
AMD Opteron 185	1342	2115	NA	NA
AMD Opteron 254	693	2460	NA	NA
AMD Opteron 270	1170	2217	4.50	\$259.95
AMD Opteron 275	1291	2140	32.32	\$39.95
AMD Opteron 280	1176	2210	18.09	\$65.00*
AMD Opteron 285	1470	2054	18.39	\$79.95
AMD Opteron 290	1464	2058	10.84	\$135.00*
AMD Opteron 1212	1009	2299	3.48	\$290.00*
AMD Opteron 1214	1191	2202	4.11	\$290.00*
AMD Opteron 1214 HE	1299	2136	NA	NA
AMD Opteron 1216	1311	2128	23.90	\$54.85*
AMD Opteron 1216 HE	1172	2215	NA	NA
AMD Opteron 1218	1468	2056	NA	NA
AMD Opteron 1220	1661	1962	NA	NA
AMD Opteron 1222	1757	1902	NA	NA
AMD Opteron 1352	2316	1644	17.03	\$135.99*
AMD Opteron 1354	2634	1531	19.51	\$135.00*
AMD Opteron 1356	2765	1492	30.73	\$89.99*
AMD Opteron 1381	3065	1388	NA	NA
AMD Opteron 2218	1594	1994	19.94	\$79.95

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2220	1701	1935	21.28	\$79.95
AMD Opteron 2220 SE	1398	2083	55.92	\$25.00*
AMD Opteron 2222	1843	1864	1.11	\$1.664.98*
AMD Opteron 2354	2450	1599	7.38	\$332.03*
AMD Opteron 2356	2814	1471	54.12	\$52.00*
AMD Opteron 2373 EE	2789	1483	NA	NA
AMD Opteron 2378	3179	1342	17.76	\$179.00*
AMD Opteron 2384	3538	1243	4.21	\$840.00*
AMD Opteron 2393 SE	2246	1676	NA	NA
AMD Opteron 2427	3069	1386	47.22	\$65.00
AMD Opteron 2431	4516	1043	129.07	\$34.99
AMD Opteron 2435	4708	1004	72.43	\$65.00
AMD Opteron 3250 HE	2942	1430	29.72	\$99.00*
AMD Opteron 3260 HE	3259	1315	NA	NA
AMD Opteron 3280	5533	861	20.25	\$273.18*
AMD Opteron 3320 EE	2675	1518	NA	NA
AMD Opteron 3350 HE	4186	1119	NA	NA
AMD Opteron 3365	6088	789	NA	NA
AMD Opteron 3380	6384	752	7.89	\$809.00*
AMD Opteron 4162 EE	3166	1348	NA	NA
AMD Opteron 4170 HE	3664	1217	62.10	\$59.00*
AMD Opteron 4184	4418	1067	8.50	\$519.95*
AMD Opteron 4274 HE	5776	821	144.44	\$39.99*
AMD Opteron 4280	6430	745	128.60	\$50.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4284	6660	713	111.02	\$59.99*
AMD Opteron 4332 HE	5614	846	NA	NA
AMD Opteron 4334	6099	788	28.18	\$216.42*
AMD Opteron 4365 EE	5025	944	NA	NA
AMD Opteron 4386	6761	701	48.30	\$139.99*
AMD Opteron 6128	4505	1047	237.23	\$18.99
AMD Opteron 6136	4916	966	44.69	\$110.00*
AMD Opteron 6164 HE	5351	893	NA	NA
AMD Opteron 6172	5261	908	26.57	\$198.00*

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6174	6171	773	94.94	\$65.00
AMD Opteron 6176 SE	5465	869	34.37	\$159.00*
AMD Opteron 6212	5776	820	192.60	\$29.99*
AMD Opteron 6220	6785	698	113.10	\$59.99*
AMD Opteron 6234	5938	803	198.26	\$29.95*
AMD Opteron 6238	7673	606	21.32	\$359.89*
AMD Opteron 6272	6748	704	96.41	\$69.99
AMD Opteron 6274	4865	972	108.14	\$44.99
AMD Opteron 6276	8889	493	52.60	\$169.00
AMD Opteron 6282 SE	9116	470	14.24	\$640.00
AMD Opteron 6287 SE	9789	408	NA	NA
AMD Opteron 6328	7826	588	21.80	\$359.00
AMD Opteron 6344	9372	448	24.09	\$389.00*
AMD Opteron 6348	9151	465	29.90	\$306.10
AMD Opteron 6366 HE	7503	619	250.18	\$29.99*
AMD Opteron 6376	9212	463	141.72	\$65.00
AMD Opteron 6378	9094	473	47.86	\$190.00
AMD Opteron 6380	10081	378	170.86	\$59.00
AMD Opteron 6386 SE	10836	329	74.74	\$144.99
AMD Opteron 8439 SE	3813	1187	63.55	\$60.00*
AMD Opteron X2170 APU	3059	1391	NA	NA
AMD Opteron X3216 APU	2302	1653	NA	NA
AMD Opteron X3418 APU	4548	1037	NA	NA
AMD Opteron X3421 APU	4745	997	NA	NA
AMD Phenom 8250 Triple-Core	1668	1953	NA	NA
AMD Phenom 8250e Triple-Core	1635	1973	34.79	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1977	NA	NA
AMD Phenom 8450 Triple-Core	1887	1845	63.01	\$29.95
AMD Phenom 8450e Triple-Core	2026	1773	NA	NA
AMD Phenom 8600 Triple-Core	1675	1947	31.61	\$52.99*
AMD Phenom 8600B Triple-Core	1919	1828	36.21	\$52.99*
AMD Phenom 8650 Triple-Core	1986	1787	39.73	\$49.99*
AMD Phenom 8750 Triple-Core	2060	1759	NA	NA
AMD Phenom 8750B Triple-Core	2034	1767	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Phenom 8850 Triple-Core</u>	1968	1800	NA	NA
<u>AMD Phenom 8850B Triple-Core</u>	2080	1744	NA	NA
<u>AMD Phenom 9100e Quad-Core</u>	1833	1870	<u>45.88</u>	<u>\$39.95*</u>
<u>AMD Phenom 9150e Quad-Core</u>	2112	1730	<u>52.87</u>	<u>\$39.95*</u>
<u>AMD Phenom 9350e Quad-Core</u>	2320	1643	<u>0.69</u>	<u>\$3,382.07*</u>
<u>AMD Phenom 9450e Quad-Core</u>	2599	1542	<u>24.75</u>	<u>\$105.00*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Phenom 9500 Quad-Core</u>	2202	1695	<u>75.96</u>	<u>\$28.99*</u>
<u>AMD Phenom 9550 Quad-Core</u>	2545	1563	<u>87.79</u>	<u>\$28.99*</u>
<u>AMD Phenom 9600 Quad-Core</u>	2303	1651	<u>46.11</u>	<u>\$49.95*</u>
<u>AMD Phenom 9600B Quad-Core</u>	2575	1552	<u>17.49</u>	<u>\$147.19*</u>
<u>AMD Phenom 9650 Quad-Core</u>	2633	1532	<u>58.58</u>	<u>\$44.95</u>
<u>AMD Phenom 9750 Quad-Core</u>	2810	1472	<u>95.29</u>	<u>\$29.49*</u>
<u>AMD Phenom 9750B Quad-Core</u>	2709	1513	NA	NA
<u>AMD Phenom 9850 Quad-Core</u>	2886	1455	<u>24.05</u>	<u>\$119.99*</u>
<u>AMD Phenom 9850B Quad-Core</u>	3160	1351	NA	NA
<u>AMD Phenom 9950 Quad-Core</u>	3009	1406	<u>22.29</u>	<u>\$134.99*</u>
<u>AMD Phenom FX-5000 Quad-Core</u>	2517	1572	NA	NA
<u>AMD Phenom FX-5200 Quad-Core</u>	2948	1428	NA	NA
<u>AMD Phenom II N620 Dual-Core</u>	1686	1943	<u>422.56</u>	<u>\$3.99*</u>
<u>AMD Phenom II N640 Dual-Core</u>	1722	1919	<u>26.51</u>	<u>\$64.95*</u>
<u>AMD Phenom II N660 Dual-Core</u>	1464	2057	<u>14.79</u>	<u>\$99.00*</u>
<u>AMD Phenom II N830 3+1</u>	2652	1527	NA	NA
<u>AMD Phenom II N830 Triple-Core</u>	1890	1843	NA	NA
<u>AMD Phenom II N850 Triple-Core</u>	1934	1819	<u>77.36</u>	<u>\$25.00*</u>
<u>AMD Phenom II N870 Triple-Core</u>	2002	1782	NA	NA
<u>AMD Phenom II N930 Quad-Core</u>	2275	1661	<u>17.51</u>	<u>\$129.95*</u>
<u>AMD Phenom II N950 Quad-Core</u>	2482	1589	<u>22.04</u>	<u>\$112.60*</u>
<u>AMD Phenom II N970 Quad-Core</u>	2514	1574	<u>16.76</u>	<u>\$149.99*</u>
<u>AMD Phenom II P650 Dual-Core</u>	1579	2001	<u>45.11</u>	<u>\$35.00*</u>
<u>AMD Phenom II P820 Triple-Core</u>	1602	1989	NA	NA
<u>AMD Phenom II P840 Triple-Core</u>	1713	1926	NA	NA
<u>AMD Phenom II P860 Triple-Core</u>	1756	1903	NA	NA
<u>AMD Phenom II P920 Quad-Core</u>	1874	1850	<u>24.99</u>	<u>\$75.00*</u>

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Phenom II P940 Quad-Core</u>	1831	1871	NA	NA
<u>AMD Phenom II P960 Quad-Core</u>	2085	1742	<u>74.46</u>	<u>\$28.00*</u>
<u>AMD Phenom II X2 511</u>	2104	1734	NA	NA
<u>AMD Phenom II X2 521</u>	2074	1749	NA	NA
<u>AMD Phenom II X2 545</u>	1918	1829	<u>43.61</u>	<u>\$43.98*</u>
<u>AMD Phenom II X2 550</u>	2023	1775	<u>40.47</u>	<u>\$49.99*</u>
<u>AMD Phenom II X2 555</u>	2043	1765	<u>73.02</u>	<u>\$27.98*</u>
<u>AMD Phenom II X2 560</u>	2062	1757	<u>31.73</u>	<u>\$64.99*</u>
<u>AMD Phenom II X2 565</u>	2225	1689	<u>10.60</u>	<u>\$209.95*</u>
<u>AMD Phenom II X2 570</u>	2068	1753	NA	NA
<u>AMD Phenom II X2 B53</u>	1709	1930	NA	NA
<u>AMD Phenom II X2 B55</u>	1920	1826	<u>40.04</u>	<u>\$47.95*</u>
<u>AMD Phenom II X2 B57</u>	1823	1876	NA	NA
<u>AMD Phenom II X2 B59</u>	2129	1725	<u>48.34</u>	<u>\$44.04*</u>
<u>AMD Phenom II X3 700e</u>	2242	1680	NA	NA
<u>AMD Phenom II X3 705e</u>	2209	1694	<u>14.50</u>	<u>\$152.34*</u>
<u>AMD Phenom II X3 710</u>	2449	1600	<u>28.97</u>	<u>\$84.53*</u>
<u>AMD Phenom II X3 720</u>	2666	1522	<u>38.09</u>	<u>\$69.99*</u>
<u>AMD Phenom II X3 740</u>	2985	1415	<u>33.54</u>	<u>\$88.99*</u>
<u>AMD Phenom II X3 B73</u>	2735	1506	<u>36.47</u>	<u>\$75.00*</u>
<u>AMD Phenom II X3 B75</u>	2872	1460	<u>71.82</u>	<u>\$39.99*</u>
<u>AMD Phenom II X3 B77</u>	3067	1387	<u>137.60</u>	<u>\$22.29*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Phenom II X4 805</u>	2998	1410	<u>17.23</u>	<u>\$173.99*</u>
<u>AMD Phenom II X4 810</u>	3120	1367	<u>26.90</u>	<u>\$115.99*</u>
<u>AMD Phenom II X4 820</u>	3392	1277	<u>45.26</u>	<u>\$74.95*</u>
<u>AMD Phenom II X4 830</u>	3434	1271	<u>42.95</u>	<u>\$79.95*</u>
<u>AMD Phenom II X4 840</u>	3508	1253	<u>39.00</u>	<u>\$89.95*</u>
<u>AMD Phenom II X4 840T</u>	3594	1232	<u>51.35</u>	<u>\$69.99*</u>
<u>AMD Phenom II X4 850</u>	3549	1240	<u>54.61</u>	<u>\$64.99*</u>
<u>AMD Phenom II X4 900e</u>	2882	1457	NA	NA
<u>AMD Phenom II X4 905e</u>	3080	1384	<u>57.05</u>	<u>\$53.99*</u>
<u>AMD Phenom II X4 910</u>	3246	1320	<u>32.46</u>	<u>\$100.00*</u>
<u>AMD Phenom II X4 910e</u>	3254	1318	<u>20.73</u>	<u>\$156.99*</u>

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 920	3389	1280	42.37	\$79.99*
AMD Phenom II X4 925	2860	1463	65.03	\$43.99*
AMD Phenom II X4 940	3586	1235	17.82	\$201.21*
AMD Phenom II X4 945	3650	1220	53.59	\$68.11
AMD Phenom II X4 955	2996	1412	23.02	\$130.16*
AMD Phenom II X4 960T	3768	1193	8.03	\$469.00
AMD Phenom II X4 965	2874	1459	34.22	\$84.01*
AMD Phenom II X4 970	4311	1089	29.11	\$148.11*
AMD Phenom II X4 973	3759	1198	NA	NA
AMD Phenom II X4 975	4443	1063	31.81	\$139.69*
AMD Phenom II X4 977	3750	1200	NA	NA
AMD Phenom II X4 980	4486	1054	19.51	\$229.99*
AMD Phenom II X4 B05e	2792	1479	NA	NA
AMD Phenom II X4 B15e	2736	1505	NA	NA
AMD Phenom II X4 B25	3297	1307	NA	NA
AMD Phenom II X4 B35	3387	1282	NA	NA
AMD Phenom II X4 B40	3352	1290	NA	NA
AMD Phenom II X4 B45	3473	1262	NA	NA
AMD Phenom II X4 B50	3694	1211	NA	NA
AMD Phenom II X4 B55	3850	1177	NA	NA
AMD Phenom II X4 B60	4030	1146	NA	NA
AMD Phenom II X4 B65	4172	1121	NA	NA
AMD Phenom II X4 B70	4261	1101	NA	NA
AMD Phenom II X4 B93	3345	1291	NA	NA
AMD Phenom II X4 B95	3676	1213	50.39	\$72.95*
AMD Phenom II X4 B97	3863	1172	67.78	\$56.99*
AMD Phenom II X4 B99	4126	1128	NA	NA
AMD Phenom II X6 1035T	4664	1010	24.68	\$189.00*
AMD Phenom II X6 1045T	4793	986	46.08	\$104.02*
AMD Phenom II X6 1055T	3806	1189	34.92	\$109.01
AMD Phenom II X6 1065T	5021	947	NA	NA
AMD Phenom II X6 1075T	5321	901	47.09	\$112.99*
AMD Phenom II X6 1090T	4669	1008	26.83	\$174.04*
AMD Phenom II X6 1100T	5702	834	32.13	\$177.49*

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<u>AMD Phenom II X6 1405T</u>	5042	941	NA	NA
<u>AMD Phenom II X620 Dual-Core</u>	2189	1702	NA	NA
<u>AMD Phenom II X640 Dual-Core</u>	2021	1778	NA	NA
<u>AMD Phenom II X920 Quad-Core</u>	2635	1530	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Phenom II X940 Quad-Core</u>	2695	1516	NA	NA
<u>AMD Phenom X2 Dual-Core GE-5060</u>	1566	2009	NA	NA
<u>AMD Phenom X2 Dual-Core GE-6060</u>	1722	1918	NA	NA
<u>AMD Phenom X2 Dual-Core GE-7060</u>	1752	1906	NA	NA
<u>AMD Phenom X2 Dual-Core GP-7730</u>	1435	2069	NA	NA
<u>AMD Phenom X3 8550</u>	1931	1820	<u>11.36</u>	<u>\$169.95*</u>
<u>AMD Phenom X4 Quad-Core GP-9500</u>	1757	1901	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9530</u>	1994	1786	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9600</u>	2235	1683	NA	NA
<u>AMD Phenom X4 Quad-Core GP-9730</u>	2897	1452	NA	NA
<u>AMD Phenom X4 Quad-Core GS-6560</u>	1063	2271	NA	NA
<u>AMD PRO A4-3350B APU</u>	2274	1662	NA	NA
<u>AMD PRO A4-4350B</u>	1687	1942	NA	NA
<u>AMD PRO A4-8350B</u>	2776	1488	NA	NA
<u>AMD PRO A6-7350B</u>	2759	1495	NA	NA
<u>AMD PRO A6-8500B</u>	2516	1573	NA	NA
<u>AMD PRO A6-8530B</u>	2388	1623	NA	NA
<u>AMD PRO A6-8550B</u>	2970	1422	NA	NA
<u>AMD PRO A6-8570</u>	3088	1379	NA	NA
<u>AMD PRO A6-8570E</u>	2824	1468	NA	NA
<u>AMD PRO A6-9500</u>	2975	1419	<u>40.20</u>	<u>\$74.00*</u>
<u>AMD PRO A6-9500B</u>	2076	1747	NA	NA
<u>AMD PRO A6-9500E</u>	2717	1509	<u>36.72</u>	<u>\$74.00*</u>
<u>AMD PRO A8-8600B</u>	2425	1605	NA	NA
<u>AMD PRO A8-8650B</u>	5223	913	NA	NA
<u>AMD PRO A8-8670E</u>	5015	948	NA	NA
<u>AMD PRO A8-9600</u>	5277	905	<u>44.34</u>	<u>\$119.00*</u>
<u>AMD PRO A8-9600B</u>	3964	1157	NA	NA
<u>AMD PRO A10-8700R</u>	3014	1403	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A10-8730B	3953	1160	NA	NA
AMD PRO A10-8750B	5465	871	NA	NA
AMD PRO A10-8770	5555	858	NA	NA
AMD PRO A10-8770E	5023	945	NA	NA
AMD PRO A10-8850B	5853	811	NA	NA
AMD PRO A10-9700	5589	852	33.07	\$169.00*
AMD PRO A10-9700B	4380	1074	NA	NA
AMD PRO A10-9700E	5066	936	36.45	\$139.00*
AMD PRO A12-8800B	4111	1131	NA	NA
AMD PRO A12-8830B	4233	1107	NA	NA
AMD PRO A12-8870	6067	793	NA	NA
AMD PRO A12-8870E	5186	919	NA	NA
AMD PRO A12-9800	6107	786	36.14	\$169.00*
AMD PRO A12-9800B	4102	1133	NA	NA
AMD PRO A12-9800E	4769	990	28.22	\$169.00*
AMD QC-4000	1663	1961	NA	NA
AMD R-260H APU	1576	2002	NA	NA
AMD R-272F APU	2007	1781	NA	NA
AMD R-460L APU	1954	1808	NA	NA
AMD R-464L APU	3117	1370	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD RX-427BB	4359	1080	NA	NA
AMD Ryzen 3 1200	6486	734	65.53	\$98.99
AMD Ryzen 3 1300X	7435	630	43.60	\$170.53
AMD Ryzen 3 2200G	6914	685	49.02	\$141.06
AMD Ryzen 3 2200GE	6871	689	NA	NA
AMD Ryzen 3 2200U	4199	1116	NA	NA
AMD Ryzen 3 2300U	6130	782	NA	NA
AMD Ryzen 3 2300X	8347	538	41.84	\$199.52
AMD Ryzen 3 3200G	7436	628	78.29	\$94.99
AMD Ryzen 3 3200U	4378	1075	NA	NA
AMD Ryzen 3 3300U	5853	812	NA	NA
AMD Ryzen 3 4300U	8363	533	NA	NA
AMD Ryzen 3 PRO 1200	6685	711	NA	NA

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<u>AMD Ryzen 3 PRO 1300</u>	7994	567	NA	NA
<u>AMD Ryzen 3 PRO 2100GE</u>	5113	929	NA	NA
<u>AMD Ryzen 3 PRO 2200G</u>	8028	561	NA	NA
<u>AMD Ryzen 3 PRO 2200GE</u>	7460	626	NA	NA
<u>AMD Ryzen 3 PRO 2300U</u>	7027	670	NA	NA
<u>AMD Ryzen 3 PRO 3200G</u>	8445	526	NA	NA
<u>AMD Ryzen 3 PRO 3200GE</u>	8266	542	NA	NA
<u>AMD Ryzen 3 PRO 3300U</u>	7019	671	NA	NA
<u>AMD Ryzen 5 1400</u>	8550	520	<u>33.10</u>	<u>\$258.34</u>
<u>AMD Ryzen 5 1500X</u>	10123	375	<u>60.99</u>	<u>\$165.99</u>
<u>AMD Ryzen 5 1600</u>	12492	267	<u>131.50</u>	<u>\$95.00</u>
<u>AMD Ryzen 5 1600X</u>	13412	248	<u>76.49</u>	<u>\$175.35</u>
<u>AMD Ryzen 5 2400G</u>	8972	485	<u>74.77</u>	<u>\$120.00</u>
<u>AMD Ryzen 5 2400GE</u>	9034	479	NA	NA
<u>AMD Ryzen 5 2500U</u>	7171	659	NA	NA
<u>AMD Ryzen 5 2500X</u>	9704	416	NA	NA
<u>AMD Ryzen 5 2600</u>	13488	244	<u>107.92</u>	<u>\$124.99</u>
<u>AMD Ryzen 5 2600H</u>	8366	532	NA	NA
<u>AMD Ryzen 5 2600X</u>	14544	211	<u>85.01</u>	<u>\$171.09</u>
<u>AMD Ryzen 5 3400G</u>	9724	413	<u>60.78</u>	<u>\$159.99</u>
<u>AMD Ryzen 5 3500</u>	11799	289	NA	NA
<u>AMD Ryzen 5 3500U</u>	7510	618	NA	NA
<u>AMD Ryzen 5 3500X</u>	14126	222	NA	NA
<u>AMD Ryzen 5 3550H</u>	8292	540	NA	NA
<u>AMD Ryzen 5 3580U</u>	7911	576	NA	NA
<u>AMD Ryzen 5 3600</u>	17922	130	<u>102.42</u>	<u>\$174.99</u>
<u>AMD Ryzen 5 3600X</u>	18286	121	<u>91.44</u>	<u>\$199.99</u>
<u>AMD Ryzen 5 PRO 1500</u>	10133	374	NA	NA
<u>AMD Ryzen 5 PRO 1600</u>	12213	278	NA	NA
<u>AMD Ryzen 5 PRO 2400G</u>	9934	389	NA	NA
<u>AMD Ryzen 5 PRO 2400GE</u>	8405	530	NA	NA
<u>AMD Ryzen 5 PRO 2500U</u>	6921	684	NA	NA
<u>AMD Ryzen 5 PRO 2600</u>	13927	229	NA	NA
<u>AMD Ryzen 5 PRO 3400G</u>	10498	350	NA	NA

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<u>AMD Ryzen 5 PRO 3400GE</u>	10263	364	NA	NA
<u>AMD Ryzen 5 PRO 3500U</u>	8161	551	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Ryzen 5 PRO 3600</u>	21586	74	NA	NA
<u>AMD Ryzen 7 1700</u>	14582	209	<u>50.29</u>	<u>\$289.98</u>
<u>AMD Ryzen 7 1700X</u>	15764	174	<u>56.30</u>	<u>\$279.98</u>
<u>AMD Ryzen 7 1800X</u>	16394	152	<u>44.27</u>	<u>\$370.34</u>
<u>AMD Ryzen 7 2700</u>	16115	162	<u>76.82</u>	<u>\$209.78</u>
<u>AMD Ryzen 7 2700E</u>	13410	249	NA	NA
<u>AMD Ryzen 7 2700U</u>	7454	627	NA	NA
<u>AMD Ryzen 7 2700X</u>	17981	129	<u>64.69</u>	<u>\$277.96</u>
<u>AMD Ryzen 7 2800H</u>	8498	523	NA	NA
<u>AMD Ryzen 7 3700U</u>	7733	600	NA	NA
<u>AMD Ryzen 7 3700X</u>	22947	64	<u>76.75</u>	<u>\$298.99</u>
<u>AMD Ryzen 7 3750H</u>	8696	505	NA	NA
<u>AMD Ryzen 7 3780U</u>	8134	553	NA	NA
<u>AMD Ryzen 7 3800X</u>	23506	58	<u>69.14</u>	<u>\$339.99</u>
<u>AMD Ryzen 7 PRO 1700</u>	14112	224	NA	NA
<u>AMD Ryzen 7 PRO 1700X</u>	15324	187	NA	NA
<u>AMD Ryzen 7 PRO 2700</u>	15070	193	NA	NA
<u>AMD Ryzen 7 PRO 2700U</u>	8865	495	NA	NA
<u>AMD Ryzen 7 PRO 2700X</u>	17128	141	NA	NA
<u>AMD Ryzen 7 PRO 3700</u>	25843	38	NA	NA
<u>AMD Ryzen 7 PRO 3700U</u>	7998	566	NA	NA
<u>AMD Ryzen 9 3900</u>	31422	15	NA	NA
<u>AMD Ryzen 9 3900X</u>	32898	11	<u>78.53</u>	<u>\$418.95</u>
<u>AMD Ryzen 9 3950X</u>	39432	6	<u>52.58</u>	<u>\$749.99</u>
<u>AMD Ryzen 9 PRO 3900</u>	32610	12	NA	NA
<u>AMD Ryzen Embedded R1505G</u>	4614	1020	NA	NA
<u>AMD Ryzen Embedded R1606G</u>	4750	996	NA	NA
<u>AMD Ryzen Embedded V1202B</u>	4447	1062	NA	NA
<u>AMD Ryzen Embedded V1404I</u>	5180	920	NA	NA
<u>AMD Ryzen Embedded V1605B</u>	7407	638	NA	NA
<u>AMD Ryzen Embedded V1756R</u>	8559	519	NA	NA

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AMD Ryzen Embedded V1807B	8101	557	NA	NA
AMD Ryzen Threadripper 1900X	15996	167	55.60	\$287.71
AMD Ryzen Threadripper 1920X	23445	60	111.65	\$209.99
AMD Ryzen Threadripper 1950X	24940	45	50.90	\$489.99*
AMD Ryzen Threadripper 2920X	21817	72	44.53	\$489.94
AMD Ryzen Threadripper 2950X	29128	21	44.72	\$651.33
AMD Ryzen Threadripper 2970WX	21723	73	23.70	\$916.47
AMD Ryzen Threadripper 2990WX	24574	49	16.46	\$1,492.79
AMD Ryzen Threadripper 2990X	19227	111	NA	NA
AMD Ryzen Threadripper 3960X	46241	4	26.88	\$1,720.51
AMD Ryzen Threadripper 3970X	60308	2	30.77	\$1,959.99
AMD Ryzen Threadripper 3990X	71683	1	18.38	\$3,899.99
AMD Sempron 130	700	2457	28.01	\$24.99*
AMD Sempron 140	742	2439	18.74	\$39.59*
AMD Sempron 145	806	2414	8.49	\$94.92
AMD Sempron 150	759	2431	16.89	\$44.95*
AMD Sempron 210U	391	2629	NA	NA
AMD Sempron 240	2110	1732	36.38	\$58.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2200+	282	2725	9.40	\$29.99*
AMD Sempron 2300+	318	2687	7.07	\$45.00*
AMD Sempron 2400+	314	2693	13.66	\$22.99
AMD Sempron 2500+	334	2674	4.77	\$69.95
AMD Sempron 2600+	374	2639	17.00	\$22.00
AMD Sempron 2650 APU	951	2338	14.64	\$64.95
AMD Sempron 2800+	383	2634	9.59	\$39.95
AMD Sempron 3000+	408	2608	20.40	\$20.00
AMD Sempron 3100+	452	2575	7.53	\$60.00*
AMD Sempron 3200+	406	2613	3.32	\$122.25*
AMD Sempron 3300+	484	2554	4.39	\$110.27*
AMD Sempron 3400+	454	2574	3.11	\$145.90
AMD Sempron 3500+	379	2635	18.95	\$20.00*
AMD Sempron 3600+	483	2555	40.25	\$12.00*
AMD Sempron 3800+	554	2514	3.62	\$152.92*

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<u>AMD Sempron 3850 APU</u>	1721	1920	<u>23.90</u>	<u>\$72.00</u>
<u>AMD Sempron Dual Core 2100</u>	936	2346	<u>24.00</u>	<u>\$39.00*</u>
<u>AMD Sempron Dual Core 2200</u>	995	2310	NA	NA
<u>AMD Sempron Dual Core 2300</u>	982	2318	<u>23.39</u>	<u>\$41.99*</u>
<u>AMD Sempron LE-1100</u>	437	2589	NA	NA
<u>AMD Sempron LE-1150</u>	439	2585	NA	NA
<u>AMD Sempron LE-1200</u>	529	2525	NA	NA
<u>AMD Sempron LE-1250</u>	543	2519	<u>5.43</u>	<u>\$99.95*</u>
<u>AMD Sempron LE-1300</u>	598	2496	<u>23.92</u>	<u>\$25.00</u>
<u>AMD Sempron M100</u>	566	2509	<u>47.17</u>	<u>\$12.00*</u>
<u>AMD Sempron M120</u>	582	2502	NA	NA
<u>AMD Sempron SI-40</u>	447	2580	<u>37.25</u>	<u>\$12.00*</u>
<u>AMD Sempron SI-42</u>	455	2572	<u>15.16</u>	<u>\$30.01*</u>
<u>AMD Sempron X2 180</u>	1391	2085	<u>20.04</u>	<u>\$69.40*</u>
<u>AMD Sempron X2 190</u>	1534	2023	<u>18.38</u>	<u>\$83.44*</u>
<u>AMD Sempron X2 198 Dual-Core</u>	1413	2078	NA	NA
<u>AMD Turion 64 Mobile MK-36</u>	465	2565	NA	NA
<u>AMD Turion 64 Mobile MK-38</u>	513	2535	NA	NA
<u>AMD Turion 64 Mobile ML-28</u>	390	2631	NA	NA
<u>AMD Turion 64 Mobile ML-30</u>	402	2614	NA	NA
<u>AMD Turion 64 Mobile ML-32</u>	402	2615	NA	NA
<u>AMD Turion 64 Mobile ML-34</u>	425	2598	NA	NA
<u>AMD Turion 64 Mobile ML-37</u>	446	2582	<u>2.27</u>	<u>\$196.50*</u>
<u>AMD Turion 64 Mobile ML-40</u>	522	2531	NA	NA
<u>AMD Turion 64 Mobile ML-42</u>	615	2487	NA	NA
<u>AMD Turion 64 Mobile ML-44</u>	591	2497	NA	NA
<u>AMD Turion 64 Mobile MT-30</u>	378	2636	NA	NA
<u>AMD Turion 64 Mobile MT-32</u>	426	2597	NA	NA
<u>AMD Turion 64 Mobile MT-34</u>	429	2594	NA	NA
<u>AMD Turion 64 Mobile MT-37</u>	484	2552	NA	NA
<u>AMD Turion 64 X2 Mobile TL-50</u>	744	2437	<u>14.88</u>	<u>\$49.99*</u>
<u>AMD Turion 64 X2 Mobile TL-52</u>	760	2429	NA	NA
<u>AMD Turion 64 X2 Mobile TL-56</u>	892	2372	<u>63.94</u>	<u>\$13.95*</u>
<u>AMD Turion 64 X2 Mobile TL-58</u>	949	2340	NA	NA

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AMD Turion 64 X2 Mobile TL-60	1000	2307	62.70	\$15.95*
AMD Turion 64 X2 Mobile TL-62	1078	2266	3.47	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1086	2259	27.57	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2233	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2222	12.91	\$90.00*
AMD Turion Dual-Core RM-70	912	2364	36.48	\$25.00*
AMD Turion Dual-Core RM-72	860	2382	21.51	\$39.99*
AMD Turion Dual-Core RM-74	1016	2296	NA	NA
AMD Turion Dual-Core RM-75	1019	2293	37.11	\$27.46*
AMD Turion II Dual-Core Mobile M500	1294	2138	NA	NA
AMD Turion II Dual-Core Mobile M520	1307	2132	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	2117	NA	NA
AMD Turion II N530 Dual-Core	1567	2008	52.23	\$30.00*
AMD Turion II N550 Dual-Core	1521	2025	NA	NA
AMD Turion II Neo K625 Dual-Core	977	2321	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2206	NA	NA
AMD Turion II Neo N40L Dual-Core	930	2351	NA	NA
AMD Turion II Neo N54L Dual-Core	1353	2109	NA	NA
AMD Turion II P520 Dual-Core	1359	2106	NA	NA
AMD Turion II P540 Dual-Core	1432	2072	28.67	\$49.95*
AMD Turion II P560 Dual-Core	1513	2033	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1399	2081	52.28	\$26.76*
AMD Turion II Ultra Dual-Core Mobile M620	1435	2070	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1670	1948	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	2024	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2410	NA	NA
AMD Turion X2 Dual Core L510	923	2357	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2384	6.47	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2273	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	991	2316	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1082	2262	4.82	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1064	2270	43.48	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1120	2237	NA	NA

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AMD Turion X2 Dual-Core Mobile RM-77	1149	2228	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1023	2289	16.50	\$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2260	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2193	63.67	\$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2180	27.42	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1301	2134	23.65	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1217	2189	30.46	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2309	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2288	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	2061	NA	NA
AMD V105	299	2711	NA	NA
AMD V120	623	2485	NA	NA
AMD V140	641	2478	12.83	\$49.95*
AMD V160	673	2468	NA	NA
AMD Z-01	523	2529	NA	NA
AMD Z-60 APU	500	2541	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Athlon 64 Dual Core 3800+	1234	2179	NA	NA
Athlon 64 Dual Core 5000+	1507	2035	NA	NA
Athlon 64 Dual Core 5600+	1548	2017	NA	NA
Athlon Dual Core 4050e	968	2325	NA	NA
Athlon Dual Core 4450e	1204	2197	NA	NA
Athlon Dual Core 4850e	1346	2112	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	841	2394	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1175	2211	27.98	\$42.00*
Celeron Dual-Core T3300 @ 2.00GHz	1200	2200	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1273	2159	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2195	NA	NA
HP Hexa-Core 2.0GHz	2178	1703	4.32	\$504.27*
Intel 2.80GHz	525	2528	NA	NA
Intel Atom 230 @ 1.60GHz	307	2698	NA	NA

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Intel Atom 330 @ 1.60GHz	586	2500	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2370	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2330	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1743	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2141	1717	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1706	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3768	1194	16.24	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1292	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1349	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1597	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1566	29.51	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	975	14.61	\$332.00*
Intel Atom C3958 @ 2.00GHz	6586	725	14.67	\$449.00*
Intel Atom D410 @ 1.66GHz	301	2705	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2668	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	658	2473	6.77	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2452	NA	NA
Intel Atom D2500 @ 1.86GHz	408	2610	NA	NA
Intel Atom D2550 @ 1.86GHz	681	2465	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2451	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2393	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2447	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2678	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2503	8.23	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2545	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2391	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2221	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	2037	NA	NA
Intel Atom E3900 @ 1.60GHz	1953	1809	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1855	NA	NA
Intel Atom E3950 @ 1.60GHz	1886	1847	NA	NA
Intel Atom N270 @ 1.60GHz	269	2739	NA	NA
Intel Atom N280 @ 1.66GHz	282	2727	NA	NA
Intel Atom N435 @ 1.33GHz	261	2742	NA	NA

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Intel Atom N450 @ 1.66GHz	297	2715	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N455 @ 1.66GHz	283	2724	NA	NA
Intel Atom N470 @ 1.83GHz	332	2677	NA	NA
Intel Atom N475 @ 1.83GHz	314	2694	NA	NA
Intel Atom N550 @ 1.50GHz	522	2530	6.07	\$86.00*
Intel Atom N570 @ 1.66GHz	575	2506	6.69	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2703	NA	NA
Intel Atom N2600 @ 1.60GHz	528	2526	NA	NA
Intel Atom N2800 @ 1.86GHz	625	2484	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2359	14.31	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1766	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2411	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1572	2004	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1190	2203	8.95	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1029	2286	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1276	2154	60.76	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1692	1940	27.04	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1836	1868	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1891	1842	25.68	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1675	1945	NA	NA
Intel Atom Z520 @ 1.33GHz	219	2774	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2729	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2759	NA	NA
Intel Atom Z2760 @ 1.80GHz	572	2507	NA	NA
Intel Atom Z3735D @ 1.33GHz	937	2345	NA	NA
Intel Atom Z3735E @ 1.33GHz	948	2341	8.10	\$117.00*
Intel Atom Z3735F @ 1.33GHz	914	2360	5.04	\$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2366	NA	NA
Intel Atom Z3736F @ 1.33GHz	912	2363	NA	NA
Intel Atom Z3740 @ 1.33GHz	1068	2269	NA	NA
Intel Atom Z3740D @ 1.33GHz	1011	2297	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2265	35.97	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1018	2295	NA	NA

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Intel Atom Z3770 @ 1.46GHz	1252	2173	8.38	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2415	NA	NA
Intel Atom Z3775 @ 1.46GHz	1276	2155	36.46	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2150	NA	NA
Intel Atom Z3795 @ 1.60GHz	1798	1882	NA	NA
Intel Celeron 1.70GHz	129	2819	NA	NA
Intel Celeron 1.80GHz	136	2816	NA	NA
Intel Celeron 2.00GHz	182	2798	NA	NA
Intel Celeron 2.13GHz	208	2783	NA	NA
Intel Celeron 2.20GHz	213	2779	NA	NA
Intel Celeron 2.26GHz	223	2771	NA	NA
Intel Celeron 2.30GHz	227	2767	NA	NA
Intel Celeron 2.40GHz	217	2776	NA	NA
Intel Celeron 2.50GHz	247	2753	NA	NA
Intel Celeron 2.53GHz	245	2755	NA	NA
Intel Celeron 2.60GHz	238	2761	NA	NA
Intel Celeron 2.66GHz	249	2751	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.70GHz	245	2756	NA	NA
Intel Celeron 2.80GHz	254	2745	NA	NA
Intel Celeron 2.93GHz	283	2723	NA	NA
Intel Celeron 3.06GHz	284	2722	NA	NA
Intel Celeron 3.20GHz	289	2720	NA	NA
Intel Celeron 3.33GHz	333	2675	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2683	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2685	NA	NA
Intel Celeron 420 @ 1.60GHz	451	2576	11.28	\$39.99*
Intel Celeron 430 @ 1.80GHz	487	2546	10.32	\$47.18
Intel Celeron 440 @ 2.00GHz	544	2518	18.14	\$29.99
Intel Celeron 450 @ 2.20GHz	626	2483	20.87	\$29.99*
Intel Celeron 530 @ 1.73GHz	474	2559	20.62	\$22.99*
Intel Celeron 540 @ 1.86GHz	521	2532	NA	NA
Intel Celeron 550 @ 2.00GHz	519	2533	7.99	\$64.95*
Intel Celeron 560 @ 2.13GHz	531	2523	6.64	\$79.95*

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Intel Celeron 570 @ 2.26GHz	517	2534	NA	NA
Intel Celeron 723 @ 1.20GHz	390	2632	NA	NA
Intel Celeron 743 @ 1.30GHz	421	2600	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2433	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2646	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2488	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2347	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1021	2291	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2230	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2213	39.11	\$29.99*
Intel Celeron 877 @ 1.40GHz	1291	2141	NA	NA
Intel Celeron 887 @ 1.50GHz	1276	2153	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2467	23.32	\$28.99
Intel Celeron 925 @ 2.30GHz	689	2463	NA	NA
Intel Celeron 1000M @ 1.80GHz	1668	1952	NA	NA
Intel Celeron 1000MHz	213	2777	NA	NA
Intel Celeron 1005M @ 1.90GHz	1368	2100	NA	NA
Intel Celeron 1007U @ 1.50GHz	1389	2088	7.51	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1500	2040	NA	NA
Intel Celeron 1019Y @ 1.00GHz	954	2336	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1684	NA	NA
Intel Celeron 1020M @ 2.10GHz	2023	1774	NA	NA
Intel Celeron 1037U @ 1.80GHz	1733	1916	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2205	NA	NA
Intel Celeron 1100MHz	174	2805	NA	NA
Intel Celeron 1200MHz	244	2758	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1630	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1987	18.66	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1971	1797	NA	NA
Intel Celeron 2955U @ 1.40GHz	1412	2079	NA	NA
Intel Celeron 2957U @ 1.40GHz	1434	2071	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2246	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1646	NA	NA
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Intel Celeron 2980U @ 1.60GHz	1593	1997	NA	NA
Intel Celeron 2981U @ 1.60GHz	1383	2092	NA	NA
Intel Celeron 3205U @ 1.50GHz	1491	2044	5.19	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1652	1966	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1934	NA	NA
Intel Celeron 3765U @ 1.90GHz	1948	1812	NA	NA
Intel Celeron 3855U @ 1.60GHz	1663	1960	NA	NA
Intel Celeron 3865U @ 1.80GHz	1904	1834	NA	NA
Intel Celeron 3867U @ 1.80GHz	1862	1858	17.40	\$107.00*
Intel Celeron 3955U @ 2.00GHz	1970	1799	NA	NA
Intel Celeron 3965U @ 2.20GHz	2347	1638	21.93	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1607	1986	15.02	\$107.00*
Intel Celeron 4205U @ 1.80GHz	1981	1791	18.51	\$107.00*
Intel Celeron 4305UE @ 2.00GHz	2584	1546	NA	NA
Intel Celeron @ 1.30GHz	965	2327	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2795	NA	NA
Intel Celeron B800 @ 1.50GHz	1273	2158	NA	NA
Intel Celeron B810 @ 1.60GHz	1399	2082	NA	NA
Intel Celeron B815 @ 1.60GHz	1365	2102	NA	NA
Intel Celeron B820 @ 1.70GHz	1431	2073	36.42	\$39.29*
Intel Celeron B830 @ 1.80GHz	963	2328	NA	NA
Intel Celeron B840 @ 1.90GHz	1715	1924	NA	NA
Intel Celeron D 347 @ 3.06GHz	271	2737	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2704	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2691	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2670	NA	NA
Intel Celeron D 420 @ 1.60GHz	481	2556	NA	NA
Intel Celeron E1200 @ 1.60GHz	861	2381	12.30	\$69.99
Intel Celeron E1400 @ 2.00GHz	1053	2276	15.05	\$69.99
Intel Celeron E1500 @ 2.20GHz	883	2373	44.97	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2166	NA	NA
Intel Celeron E3200 @ 2.40GHz	1379	2095	26.52	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1390	2087	24.39	\$57.00
Intel Celeron E3400 @ 2.60GHz	1441	2068	2.36	\$610.00*

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Intel Celeron E3500 @ 2.70GHz	1454	2062	36.36	\$39.99*
Intel Celeron G440 @ 1.60GHz	694	2459	13.88	\$49.99*
Intel Celeron G460 @ 1.80GHz	1040	2282	16.00	\$65.00
Intel Celeron G465 @ 1.90GHz	1073	2268	10.73	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2137	NA	NA
Intel Celeron G530 @ 2.40GHz	2125	1727	53.14	\$39.99*
Intel Celeron G530T @ 2.00GHz	1773	1893	NA	NA
Intel Celeron G540 @ 2.50GHz	2198	1698	48.84	\$45.00*
Intel Celeron G540T @ 2.10GHz	2067	1755	NA	NA
Intel Celeron G550 @ 2.60GHz	2291	1654	28.64	\$80.00
Intel Celeron G550T @ 2.20GHz	2032	1769	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1608	22.22	\$109.00*
Intel Celeron G1101 @ 2.27GHz	1667	1955	84.32	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2075	1748	44.16	\$47.00
Intel Celeron G1610T @ 2.30GHz	2258	1672	56.39	\$40.04*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1620 @ 2.70GHz	2578	1550	39.67	\$64.99
Intel Celeron G1620T @ 2.40GHz	2362	1632	56.24	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2507	1579	35.82	\$69.99
Intel Celeron G1820 @ 2.70GHz	2749	1500	63.95	\$42.99
Intel Celeron G1820T @ 2.40GHz	2495	1585	59.40	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1724	NA	NA
Intel Celeron G1830 @ 2.80GHz	2568	1555	27.05	\$94.95*
Intel Celeron G1840 @ 2.80GHz	2352	1636	29.78	\$79.00
Intel Celeron G1840T @ 2.50GHz	2550	1561	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1443	36.37	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3112	1371	69.17	\$44.99
Intel Celeron G3900E @ 2.40GHz	2679	1517	25.04	\$107.00*
Intel Celeron G3900T @ 2.60GHz	2925	1436	26.01	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1544	61.69	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3129	1363	34.39	\$90.99
Intel Celeron G3930 @ 2.90GHz	3042	1394	33.95	\$89.59*
Intel Celeron G3930T @ 2.70GHz	2766	1491	55.38	\$49.95
Intel Celeron G3930TE @ 2.70GHz	2946	1429	70.14	\$42.00*

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Intel Celeron G3950 @ 3.00GHz	3095	1376	28.38	\$109.04*
Intel Celeron G4900 @ 3.10GHz	2756	1496	34.46	\$79.99*
Intel Celeron G4900T @ 2.90GHz	3109	1372	74.02	\$42.00*
Intel Celeron G4920 @ 3.20GHz	3271	1311	51.79	\$63.16
Intel Celeron G4930 @ 3.20GHz	3499	1255	61.54	\$56.86
Intel Celeron J1750 @ 2.41GHz	1037	2284	NA	NA
Intel Celeron J1800 @ 2.41GHz	1020	2292	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1981	NA	NA
Intel Celeron J1900 @ 1.99GHz	1425	2074	NA	NA
Intel Celeron J3060 @ 1.60GHz	979	2319	NA	NA
Intel Celeron J3160 @ 1.60GHz	1795	1883	NA	NA
Intel Celeron J3355 @ 2.00GHz	1147	2229	NA	NA
Intel Celeron J3455 @ 1.50GHz	2195	1700	6.27	\$349.99
Intel Celeron J4005 @ 2.00GHz	1552	2015	10.20	\$152.10
Intel Celeron J4025 @ 2.00GHz	1750	1907	NA	NA
Intel Celeron J4105 @ 1.50GHz	2644	1529	24.71	\$107.00*
Intel Celeron J4125 @ 2.00GHz	2912	1442	NA	NA
Intel Celeron M 1.00GHz	213	2778	16.92	\$12.59
Intel Celeron M 1.30GHz	316	2689	NA	NA
Intel Celeron M 1.50GHz	344	2669	NA	NA
Intel Celeron M 1.60GHz	362	2654	NA	NA
Intel Celeron M 1.70GHz	393	2626	NA	NA
Intel Celeron M 360 1.40GHz	328	2681	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2692	NA	NA
Intel Celeron M 420 @ 1.60GHz	334	2673	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2647	NA	NA
Intel Celeron M 440 @ 1.86GHz	392	2628	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2747	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2577	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2593	NA	NA
Intel Celeron M 530 @ 1.73GHz	469	2561	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 723 @ 1.20GHz	457	2571	NA	NA
Intel Celeron M 900MHz	205	2784	NA	NA

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Intel Celeron M 1300MHz	303	2702	NA	NA
Intel Celeron M 1500MHz	333	2676	NA	NA
Intel Celeron N2805 @ 1.46GHz	460	2570	NA	NA
Intel Celeron N2806 @ 1.60GHz	799	2416	NA	NA
Intel Celeron N2807 @ 1.58GHz	853	2389	NA	NA
Intel Celeron N2808 @ 1.58GHz	897	2371	NA	NA
Intel Celeron N2810 @ 2.00GHz	788	2421	5.63	\$139.99*
Intel Celeron N2815 @ 1.86GHz	855	2386	NA	NA
Intel Celeron N2820 @ 2.13GHz	934	2350	4.15	\$225.00*
Intel Celeron N2830 @ 2.16GHz	736	2441	NA	NA
Intel Celeron N2840 @ 2.16GHz	821	2406	NA	NA
Intel Celeron N2910 @ 1.60GHz	1189	2204	NA	NA
Intel Celeron N2920 @ 1.86GHz	1513	2032	NA	NA
Intel Celeron N2930 @ 1.83GHz	1203	2198	NA	NA
Intel Celeron N2940 @ 1.83GHz	1715	1923	NA	NA
Intel Celeron N3000 @ 1.04GHz	899	2369	NA	NA
Intel Celeron N3010 @ 1.04GHz	967	2326	NA	NA
Intel Celeron N3050 @ 1.60GHz	879	2374	5.03	\$174.90
Intel Celeron N3060 @ 1.60GHz	982	2317	NA	NA
Intel Celeron N3150 @ 1.60GHz	1666	1957	NA	NA
Intel Celeron N3160 @ 1.60GHz	1670	1949	5.96	\$279.99
Intel Celeron N3350 @ 1.10GHz	975	2323	3.75	\$259.95
Intel Celeron N3450 @ 1.10GHz	1849	1863	9.99	\$185.08*
Intel Celeron N4000 @ 1.10GHz	1541	2019	14.40	\$107.00*
Intel Celeron N4000C @ 1.10GHz	1226	2184	NA	NA
Intel Celeron N4100 @ 1.10GHz	2243	1679	20.96	\$107.00*
Intel Celeron N4120 @ 1.10GHz	2175	1704	NA	NA
Intel Celeron P4500 @ 1.87GHz	1116	2240	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2312	NA	NA
Intel Celeron P4600 @ 2.00GHz	1328	2123	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2425	NA	NA
Intel Celeron T1600 @ 1.66GHz	934	2349	46.72	\$19.99*
Intel Celeron U1900 @ 1.99GHz	1704	1933	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2445	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron U3600 @ 1.20GHz	809	2413	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1052	2277	6.58	\$159.95
Intel Core2 Duo E4400 @ 2.00GHz	858	2383	17.17	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1272	2160	17.85	\$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1384	2091	8.76	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	2050	54.87	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	690	2462	53.19	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2208	23.70	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1288	2143	43.01	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1360	2104	27.21	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	2064	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1497	2041	100.13	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1554	2014	103.67	\$14.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6700 @ 2.66GHz	1691	1941	56.39	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1270	2162	123.33	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1938	1817	38.77	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1625	1980	33.16	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1726	1917	43.28	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1769	1895	61.02	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1873	1851	124.95	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1957	1805	16.32	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1490	2045	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1789	1886	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1882	1848	37.65	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1807	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1634	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1612	1984	80.68	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1855	1860	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1726	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	1357	2108	29.84	\$45.50*
Intel Core2 Duo E8435 @ 3.06GHz	2068	1754	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2277	1659	56.94	\$39.99*
Intel Core2 Duo F8600 @ 3.33GHz	1736	1913	40.92	\$42.45*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo L7100 @ 1.20GHz	760	2428	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2402	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2392	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	961	2332	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	969	2324	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2239	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1081	2264	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1346	2113	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1290	2142	64.53	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1311	2129	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1417	2077	35.43	\$39.99*
Intel Core2 Duo P7550 @ 2.26GHz	1518	2029	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1455	2060	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1452	2063	4.89	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1275	2156	25.93	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1087	2257	28.61	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1740	1910	30.53	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	2010	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1749	1908	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1754	1905	17.72	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1867	1854	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2016	1780	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1252	2172	4.95	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1946	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	927	2353	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	831	2399	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	841	2395	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2409	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	935	2348	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5450 @ 1.66GHz	914	2361	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2365	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	924	2355	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1040	2283	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5600 @ 1.83GHz	1028	2287	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2311	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	822	2404	82.30	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1113	2242	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1206	2196	75.85	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1154	2226	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2192	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2185	81.79	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1284	2147	85.66	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1255	2168	32.60	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1358	2107	71.85	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1360	2105	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1019	2294	46.34	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1166	2219	11.67	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1116	2238	5.54	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1196	2201	38.59	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1252	2171	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1272	2161	29.59	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1379	2096	12.54	\$109.95
Intel Core2 Duo T7700 @ 2.40GHz	1424	2075	10.18	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1601	1991	2.63	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1088	2255	1.09	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1000	2305	9.18	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1273	2157	21.95	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1735	1915	38.60	\$44.95*
Intel Core2 Duo T9500 @ 2.60GHz	1792	1884	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1802	1878	6.03	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1925	1822	21.40	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2000	1784	4.72	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2137	1719	5.36	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	869	2378	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2498	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	670	2469	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2458	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo U9300 @ 1.20GHz	855	2387	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1129	2236	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1219	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3613	1225	2.42	\$1,495.95*
Intel Core2 Extreme Q9200 @ 2.40GHz	3415	1273	NA	NA
Intel Core2 Extreme Q9300 @ 2.53GHz	3456	1266	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1873	1852	7.10	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1798	1881	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1692	1939	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1839	4.62	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2078	1746	2.44	\$851.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme X9650 @ 3.00GHz	4155	1124	4.83	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	1048	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4608	1024	2.86	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	1013	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2163	1709	54.13	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3277	1309	72.84	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2209	1693	96.13	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2976	1418	59.53	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3160	1350	13.17	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2069	1751	5.32	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1322	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3152	1353	15.80	\$199.50*
Intel Core2 Quad Q9400 @ 2.66GHz	2420	1609	50.39	\$48.03*
Intel Core2 Quad Q9450 @ 2.66GHz	2578	1549	72.22	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	2964	1426	84.73	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3517	1250	18.51	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3135	1360	70.49	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4152	1126	25.11	\$165.32*
Intel Core2 Solo U2100 @ 1.06GHz	359	2656	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	466	2564	NA	NA
Intel Core 860 @ 2.80GHz	4555	1032	57.66	\$79.00*
Intel Core Duo I 2300 @ 1.50GHz	719	2448	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo L2400 @ 1.66GHz	705	2455	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2435	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2461	NA	NA
Intel Core Duo T2250 @ 1.73GHz	755	2432	NA	NA
Intel Core Duo T2300 @ 1.66GHz	726	2443	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2427	NA	NA
Intel Core Duo T2400 @ 1.83GHz	793	2418	49.56	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	822	2405	NA	NA
Intel Core Duo T2500 @ 2.00GHz	863	2380	7.19	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	943	2343	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1022	2290	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2516	NA	NA
Intel Core Duo U2500 @ 1.20GHz	507	2539	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1818	NA	NA
Intel Core i3-330M @ 2.13GHz	1445	2066	9.04	\$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2267	NA	NA
Intel Core i3-350M @ 2.27GHz	1891	1841	54.57	\$34.65
Intel Core i3-370M @ 2.40GHz	1637	1970	47.03	\$34.81*
Intel Core i3-380M @ 2.53GHz	1384	2090	25.41	\$54.49*
Intel Core i3-380UM @ 1.33GHz	1160	2223	NA	NA
Intel Core i3-390M @ 2.67GHz	2168	1708	55.66	\$38.95*
Intel Core i3-530 @ 2.93GHz	2563	1557	69.27	\$37.00
Intel Core i3-540 @ 3.07GHz	2147	1716	29.65	\$72.42
Intel Core i3-550 @ 3.20GHz	1952	1810	11.11	\$175.74
Intel Core i3-560 @ 3.33GHz	2935	1431	16.31	\$179.95*
Intel Core i3-1005G1 @ 1.20GHz	6102	787	21.72	\$281.00*
Intel Core i3-2100 @ 3.10GHz	2347	1637	47.91	\$49.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2100T @ 2.50GHz	3009	1405	50.16	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1202	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3716	1206	32.32	\$114.99*
Intel Core i3-2120 @ 3.30GHz	2507	1578	71.64	\$35.00
Intel Core i3-2120T @ 2.60GHz	3166	1347	19.79	\$160.00
Intel Core i3-2125 @ 3.30GHz	4018	1147	19.41	\$207.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2130 @ 3.40GHz	4075	1137	114.82	\$35.49
Intel Core i3-2140 @ 3.50GHz	4325	1086	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1464	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	1462	2059	37.69	\$38.81*
Intel Core i3-2312M @ 2.10GHz	2374	1628	NA	NA
Intel Core i3-2328M @ 2.20GHz	2544	1564	27.36	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1385	NA	NA
Intel Core i3-2330M @ 2.20GHz	1760	1899	35.25	\$49.95*
Intel Core i3-2332M @ 2.20GHz	2382	1626	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1921	NA	NA
Intel Core i3-2348M @ 2.30GHz	2628	1534	NA	NA
Intel Core i3-2350M @ 2.30GHz	2031	1770	63.74	\$31.88
Intel Core i3-2357M @ 1.30GHz	1556	2013	NA	NA
Intel Core i3-2365M @ 1.40GHz	1682	1944	NA	NA
Intel Core i3-2367M @ 1.40GHz	1705	1932	NA	NA
Intel Core i3-2370M @ 2.40GHz	2109	1733	53.00	\$39.81
Intel Core i3-2375M @ 1.50GHz	1776	1890	NA	NA
Intel Core i3-2377M @ 1.50GHz	1827	1873	NA	NA
Intel Core i3-3110M @ 2.40GHz	3085	1381	38.59	\$79.95*
Intel Core i3-3120M @ 2.50GHz	2512	1576	64.60	\$38.90
Intel Core i3-3130M @ 2.60GHz	3388	1281	NA	NA
Intel Core i3-3210 @ 3.20GHz	4049	1141	20.35	\$199.00*
Intel Core i3-3217U @ 1.80GHz	1495	2042	6.50	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1711	NA	NA
Intel Core i3-3220 @ 3.30GHz	2649	1528	55.20	\$48.00
Intel Core i3-3220T @ 2.80GHz	3697	1209	27.39	\$135.00
Intel Core i3-3225 @ 3.30GHz	3025	1398	9.31	\$324.99
Intel Core i3-3227U @ 1.90GHz	2471	1593	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1936	NA	NA
Intel Core i3-3240 @ 3.40GHz	2819	1470	51.26	\$55.00
Intel Core i3-3240T @ 2.90GHz	3661	1218	NA	NA
Intel Core i3-3245 @ 3.40GHz	4473	1056	32.89	\$135.99*
Intel Core i3-3250 @ 3.50GHz	4452	1061	63.60	\$70.00
Intel Core i3-3250T @ 3.00GHz	3614	1224	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4000M @ 2.40GHz	3257	1317	16.29	\$199.95*
Intel Core i3-4005U @ 1.70GHz	1922	1823	NA	NA
Intel Core i3-4010U @ 1.70GHz	2446	1602	11.70	\$209.00*
Intel Core i3-4010Y @ 1.30GHz	1900	1837	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2163	1710	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2210	1692	NA	NA
Intel Core i3-4025U @ 1.90GHz	2789	1481	NA	NA
Intel Core i3-4030U @ 1.90GHz	2153	1715	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1580	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4100M @ 2.50GHz	3433	1272	15.71	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3854	1174	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1450	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1393	NA	NA
Intel Core i3-4130 @ 3.40GHz	3920	1166	46.67	\$84.00
Intel Core i3-4130T @ 2.90GHz	4156	1123	16.72	\$248.56*
Intel Core i3-4150 @ 3.50GHz	3955	1158	46.51	\$85.05
Intel Core i3-4150T @ 3.00GHz	4228	1108	18.39	\$229.95
Intel Core i3-4158U @ 2.00GHz	2914	1441	NA	NA
Intel Core i3-4160 @ 3.60GHz	3998	1150	44.44	\$89.99
Intel Core i3-4160T @ 3.10GHz	4475	1055	29.84	\$149.99*
Intel Core i3-4170 @ 3.70GHz	3807	1188	24.17	\$157.50
Intel Core i3-4170T @ 3.20GHz	4501	1049	21.44	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5089	932	12.72	\$399.95
Intel Core i3-4330T @ 3.00GHz	4507	1046	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1334	NA	NA
Intel Core i3-4340 @ 3.60GHz	5245	910	30.85	\$169.99*
Intel Core i3-4350 @ 3.60GHz	4990	954	29.35	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	1092	NA	NA
Intel Core i3-4360 @ 3.70GHz	5451	874	21.05	\$259.00
Intel Core i3-4360T @ 3.20GHz	4636	1016	NA	NA
Intel Core i3-4370 @ 3.80GHz	5618	845	18.18	\$309.00*
Intel Core i3-4370T @ 3.30GHz	4924	964	35.68	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	960	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-5005U @ 2.00GHz	2261	1671	NA	NA
Intel Core i3-5010U @ 2.10GHz	3062	1390	9.07	\$337.76*
Intel Core i3-5015U @ 2.10GHz	2983	1416	NA	NA
Intel Core i3-5020U @ 2.20GHz	3201	1332	6.97	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	1215	NA	NA
Intel Core i3-6006U @ 2.00GHz	2629	1533	NA	NA
Intel Core i3-6098P @ 3.60GHz	5389	886	40.29	\$133.74*
Intel Core i3-6100 @ 3.70GHz	4772	989	37.00	\$128.99
Intel Core i3-6100E @ 2.70GHz	3769	1192	NA	NA
Intel Core i3-6100H @ 2.70GHz	4195	1117	NA	NA
Intel Core i3-6100T @ 3.20GHz	4862	974	36.02	\$134.99*
Intel Core i3-6100TE @ 2.70GHz	4328	1085	NA	NA
Intel Core i3-6100U @ 2.30GHz	3245	1321	6.30	\$515.00*
Intel Core i3-6102E @ 1.90GHz	3196	1337	14.20	\$225.00*
Intel Core i3-6157U @ 2.40GHz	3819	1184	NA	NA
Intel Core i3-6300 @ 3.80GHz	5844	814	18.85	\$309.99
Intel Core i3-6300T @ 3.30GHz	4708	1003	30.38	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6051	795	14.87	\$407.00*
Intel Core i3-7020U @ 2.30GHz	2493	1586	8.87	\$281.00*
Intel Core i3-7100 @ 3.90GHz	4646	1012	36.59	\$126.98
Intel Core i3-7100H @ 3.00GHz	4271	1098	18.98	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5055	939	33.12	\$152.61
Intel Core i3-7100U @ 2.40GHz	3178	1343	7.75	\$409.99*
Intel Core i3-7101TE @ 3.40GHz	5160	924	44.10	\$117.00*
Intel Core i3-7102E @ 2.10GHz	3266	1313	14.52	\$225.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7130U @ 2.70GHz	3622	1223	7.88	\$459.99*
Intel Core i3-7167U @ 2.80GHz	4757	992	NA	NA
Intel Core i3-7300 @ 4.00GHz	6319	759	39.50	\$159.99*
Intel Core i3-7300T @ 3.50GHz	5369	890	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6406	749	35.06	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6593	723	36.84	\$178.98
Intel Core i3-8100 @ 3.60GHz	7091	664	54.76	\$129.49
Intel Core i3-8100R @ 3.60GHz	8499	522	63.90	\$133.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8100T @ 3.10GHz	7258	652	56.26	\$129.00*
Intel Core i3-8109U @ 3.00GHz	6064	794	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	985	NA	NA
Intel Core i3-8130U @ 2.20GHz	3879	1170	13.80	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5453	873	19.41	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8667	512	57.36	\$151.10
Intel Core i3-8300T @ 3.20GHz	8032	559	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	8357	534	42.05	\$198.75
Intel Core i3-9100 @ 3.60GHz	7553	615	51.06	\$147.95
Intel Core i3-9100F @ 3.60GHz	7178	658	84.47	\$84.99
Intel Core i3-9100T @ 3.10GHz	7690	603	63.03	\$122.00*
Intel Core i3-9300 @ 3.70GHz	10018	385	65.91	\$152.00*
Intel Core i3-9300T @ 3.20GHz	8777	499	61.38	\$143.00*
Intel Core i3-9320 @ 3.70GHz	10144	371	62.62	\$162.00*
Intel Core i3-9350KF @ 4.00GHz	10562	343	59.25	\$178.26
Intel Core i3-10110U @ 2.10GHz	5511	864	NA	NA
Intel Core i3-21050 @ 3.10GHz	3862	1173	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1699	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1588	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3520	1249	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3676	1214	NA	NA
Intel Core i5-430M @ 2.27GHz	1472	2052	10.52	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	2116	NA	NA
Intel Core i5-450M @ 2.40GHz	1737	1912	54.38	\$31.95*
Intel Core i5-460M @ 2.53GHz	1852	1861	24.72	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1054	2275	NA	NA
Intel Core i5-480M @ 2.67GHz	2399	1620	29.76	\$80.60*
Intel Core i5-520M @ 2.40GHz	1945	1813	32.43	\$59.99*
Intel Core i5-520UM @ 1.07GHz	1348	2111	NA	NA
Intel Core i5-540M @ 2.53GHz	2453	1598	36.07	\$68.00*
Intel Core i5-540UM @ 1.20GHz	1375	2098	NA	NA
Intel Core i5-560M @ 2.67GHz	2021	1777	39.78	\$50.81
Intel Core i5-560UM @ 1.33GHz	1669	1951	NA	NA
Intel Core i5-580M @ 2.67GHz	2593	1543	23.58	\$109.95*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-650 @ 3.20GHz	3091	1377	22.24	\$139.00*
Intel Core i5-655K @ 3.20GHz	3353	1289	55.89	\$59.99*
Intel Core i5-660 @ 3.33GHz	2774	1489	78.14	\$35.50*
Intel Core i5-661 @ 3.33GHz	3194	1339	13.89	\$229.99*
Intel Core i5-670 @ 3.47GHz	3310	1303	11.86	\$279.00*
Intel Core i5-680 @ 3.60GHz	3497	1256	38.86	\$89.99*
Intel Core i5-750 @ 2.67GHz	3718	1205	83.68	\$44.43*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-760 @ 2.80GHz	2966	1425	19.26	\$154.03*
Intel Core i5-760S @ 2.53GHz	5440	876	NA	NA
Intel Core i5-1035G1 @ 1.00GHz	8130	554	27.37	\$297.00*
Intel Core i5-1035G4 @ 1.10GHz	9668	418	31.29	\$309.00*
Intel Core i5-1035G7 @ 1.20GHz	9284	456	29.01	\$320.00*
Intel Core i5-2300 @ 2.80GHz	5373	889	67.17	\$79.99*
Intel Core i5-2310 @ 2.90GHz	4727	1000	33.46	\$141.29*
Intel Core i5-2320 @ 3.00GHz	4835	978	51.99	\$93.00
Intel Core i5-2380P @ 3.10GHz	5738	830	13.33	\$430.59*
Intel Core i5-2390T @ 2.70GHz	4213	1113	42.17	\$99.90*
Intel Core i5-2400 @ 3.10GHz	4424	1065	80.48	\$54.98
Intel Core i5-2400S @ 2.50GHz	4996	952	27.45	\$182.00*
Intel Core i5-2405S @ 2.50GHz	5082	933	24.43	\$208.00*
Intel Core i5-2410M @ 2.30GHz	2331	1639	32.39	\$72.00
Intel Core i5-2415M @ 2.30GHz	3307	1304	NA	NA
Intel Core i5-2430M @ 2.40GHz	2383	1625	26.78	\$89.02*
Intel Core i5-2435M @ 2.40GHz	3221	1326	NA	NA
Intel Core i5-2450M @ 2.50GHz	3402	1275	46.41	\$73.30*
Intel Core i5-2450P @ 3.20GHz	6149	778	68.33	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2320	1642	NA	NA
Intel Core i5-2500 @ 3.30GHz	5284	903	96.07	\$55.00
Intel Core i5-2500K @ 3.30GHz	4952	957	11.40	\$434.26*
Intel Core i5-2500S @ 2.70GHz	5408	881	82.89	\$65.24*
Intel Core i5-2500T @ 2.30GHz	4647	1011	51.64	\$89.99*
Intel Core i5-2510E @ 2.50GHz	3483	1259	NA	NA
Intel Core i5-2515F @ 2.50GHz	3313	1302	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2520M @ 2.50GHz	2397	1621	46.02	\$52.10
Intel Core i5-2537M @ 1.40GHz	2064	1756	NA	NA
Intel Core i5-2540M @ 2.60GHz	3194	1338	55.05	\$58.02
Intel Core i5-2550K @ 3.40GHz	6680	712	35.16	\$190.00*
Intel Core i5-2557M @ 1.70GHz	2699	1515	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1199	NA	NA
Intel Core i5-3170K @ 3.20GHz	8882	494	NA	NA
Intel Core i5-3210M @ 2.50GHz	2504	1581	33.82	\$74.04*
Intel Core i5-3230M @ 2.60GHz	3198	1335	14.71	\$217.42*
Intel Core i5-3317U @ 1.70GHz	2488	1587	11.06	\$225.00*
Intel Core i5-3320M @ 2.60GHz	3123	1365	44.75	\$69.81*
Intel Core i5-3330 @ 3.00GHz	4643	1014	23.23	\$199.88*
Intel Core i5-3330S @ 2.70GHz	5684	838	56.84	\$100.00*
Intel Core i5-3335S @ 2.70GHz	5795	819	NA	NA
Intel Core i5-3337U @ 1.80GHz	2575	1551	11.45	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2225	1688	NA	NA
Intel Core i5-3340 @ 3.10GHz	6114	783	20.87	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4248	1103	53.13	\$79.95
Intel Core i5-3340S @ 2.80GHz	5862	810	39.08	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6158	777	41.06	\$149.99*
Intel Core i5-3360M @ 2.80GHz	3434	1270	37.01	\$92.81*
Intel Core i5-3380M @ 2.90GHz	3824	1182	NA	NA
Intel Core i5-3427U @ 1.80GHz	3551	1238	8.45	\$420.05*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3437U @ 1.90GHz	3629	1222	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1434	NA	NA
Intel Core i5-3450 @ 3.10GHz	6540	730	30.23	\$216.34*
Intel Core i5-3450S @ 2.80GHz	6240	765	42.17	\$147.99*
Intel Core i5-3470 @ 3.20GHz	4926	963	73.58	\$66.96
Intel Core i5-3470S @ 2.90GHz	6407	748	27.86	\$230.00
Intel Core i5-3470T @ 2.90GHz	4500	1050	14.57	\$308.95
Intel Core i5-3475S @ 2.90GHz	6609	719	46.06	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6971	676	22.49	\$309.99*
Intel Core i5-3550S @ 3.00GHz	6925	682	22.90	\$302.45*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3570 @ 3.40GHz	5436	877	74.48	\$72.99
Intel Core i5-3570K @ 3.40GHz	5228	912	16.87	\$310.00
Intel Core i5-3570S @ 3.10GHz	6752	703	110.71	\$60.99*
Intel Core i5-3570T @ 2.30GHz	5944	802	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3884	1168	NA	NA
Intel Core i5-4200H @ 2.80GHz	4467	1059	NA	NA
Intel Core i5-4200M @ 2.50GHz	4039	1143	45.41	\$88.95
Intel Core i5-4200U @ 1.60GHz	2626	1535	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2399	1619	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2253	1673	NA	NA
Intel Core i5-4210H @ 2.90GHz	4536	1040	NA	NA
Intel Core i5-4210M @ 2.60GHz	4220	1110	13.62	\$309.95*
Intel Core i5-4210U @ 1.70GHz	2665	1523	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2375	1627	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1648	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1449	NA	NA
Intel Core i5-4250U @ 1.30GHz	3370	1286	9.39	\$359.00*
Intel Core i5-4258U @ 2.40GHz	4096	1135	NA	NA
Intel Core i5-4260U @ 1.40GHz	3063	1389	NA	NA
Intel Core i5-4278U @ 2.60GHz	4371	1077	NA	NA
Intel Core i5-4288U @ 2.60GHz	4290	1093	NA	NA
Intel Core i5-4300M @ 2.60GHz	3842	1178	NA	NA
Intel Core i5-4300U @ 1.90GHz	2994	1413	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2091	1737	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1421	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	1111	NA	NA
Intel Core i5-4310M @ 2.70GHz	4059	1140	NA	NA
Intel Core i5-4310U @ 2.00GHz	2750	1499	NA	NA
Intel Core i5-4330M @ 2.80GHz	4551	1034	16.55	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4882	970	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1226	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	1036	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1162	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1476	10.55	\$266.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4430 @ 3.00GHz	6346	756	39.66	\$159.99*
Intel Core i5-4430S @ 2.70GHz	5984	798	37.40	\$159.99*
Intel Core i5-4440 @ 3.10GHz	5801	817	11.67	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6275	760	13.55	\$462.97*
Intel Core i5-4460 @ 3.20GHz	5335	894	59.29	\$89.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4460S @ 2.90GHz	6441	743	9.76	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4991	953	NA	NA
Intel Core i5-4570 @ 3.20GHz	5864	808	65.90	\$88.99
Intel Core i5-4570R @ 2.70GHz	6783	699	NA	NA
Intel Core i5-4570S @ 2.90GHz	6079	790	14.83	\$409.95
Intel Core i5-4570T @ 2.90GHz	4828	979	23.00	\$209.95
Intel Core i5-4570TE @ 2.70GHz	3827	1181	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	5746	829	50.41	\$113.99
Intel Core i5-4590S @ 3.00GHz	7100	662	49.61	\$143.13
Intel Core i5-4590T @ 2.00GHz	4905	968	23.37	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7486	620	68.68	\$109.00
Intel Core i5-4670K @ 3.40GHz	5899	806	17.88	\$329.95
Intel Core i5-4670K CPT @ 3.40GHz	7411	637	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	635	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7404	639	34.76	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6175	772	23.84	\$259.02*
Intel Core i5-4690 @ 3.50GHz	6132	781	26.61	\$230.42
Intel Core i5-4690K @ 3.50GHz	6911	686	31.57	\$218.88
Intel Core i5-4690S @ 3.20GHz	7470	624	20.80	\$359.21*
Intel Core i5-4690T @ 2.50GHz	6547	728	NA	NA
Intel Core i5-5200U @ 2.20GHz	2794	1478	9.94	\$281.00*
Intel Core i5-5250U @ 1.60GHz	3601	1230	8.15	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4392	1072	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	1006	NA	NA
Intel Core i5-5300U @ 2.30GHz	3025	1399	5.57	\$543.39*
Intel Core i5-5350U @ 1.80GHz	3542	1241	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	622	NA	NA
Intel Core i5-5675C @ 3.10GHz	8128	555	26.22	\$309.95*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-5675R @ 3.10GHz	7991	568	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4154	1125	NA	NA
Intel Core i5-6200U @ 2.30GHz	3026	1397	NA	NA
Intel Core i5-6260U @ 1.80GHz	4363	1078	13.26	\$329.00
Intel Core i5-6267U @ 2.90GHz	3203	1331	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	995	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	5329	897	NA	NA
Intel Core i5-6300U @ 2.40GHz	3602	1229	NA	NA
Intel Core i5-6360U @ 2.00GHz	4612	1022	NA	NA
Intel Core i5-6400 @ 2.70GHz	5710	833	24.96	\$228.83*
Intel Core i5-6400T @ 2.20GHz	5632	843	21.67	\$259.95*
Intel Core i5-6402P @ 2.80GHz	6559	726	34.53	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6424	746	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6160	776	NA	NA
Intel Core i5-6442EQ @ 1.90GHz	5953	801	23.81	\$250.00*
Intel Core i5-6500 @ 3.20GHz	5732	832	33.33	\$171.99
Intel Core i5-6500T @ 2.50GHz	6329	758	23.45	\$269.95*
Intel Core i5-6500TE @ 2.30GHz	6606	721	31.46	\$209.99
Intel Core i5-6600 @ 3.30GHz	6703	708	25.57	\$262.13*
Intel Core i5-6600K @ 3.50GHz	7204	655	32.75	\$219.99
Intel Core i5-6600T @ 2.70GHz	7309	645	24.37	\$299.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7200U @ 2.50GHz	3576	1236	7.79	\$459.00
Intel Core i5-7260U @ 2.20GHz	5643	842	10.11	\$558.00
Intel Core i5-7267U @ 3.10GHz	5051	940	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	840	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	5301	902	NA	NA
Intel Core i5-7300U @ 2.60GHz	4266	1099	8.37	\$509.90
Intel Core i5-7360U @ 2.30GHz	5863	809	NA	NA
Intel Core i5-7400 @ 3.00GHz	6443	742	29.21	\$220.62
Intel Core i5-7400T @ 2.40GHz	6352	754	12.10	\$525.00
Intel Core i5-7440HQ @ 2.80GHz	6845	692	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	5901	805	23.60	\$250.00*
Intel Core i5-7500 @ 3.40GHz	6804	697	34.19	\$199.00

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7500T @ 2.70GHz	6070	791	26.39	\$230.00
Intel Core i5-7600 @ 3.50GHz	7674	605	20.42	\$375.89*
Intel Core i5-7600K @ 3.80GHz	6746	705	21.57	\$312.70
Intel Core i5-7600T @ 2.80GHz	7952	572	28.34	\$280.55*
Intel Core i5-7640X @ 4.00GHz	9440	439	33.71	\$280.00
Intel Core i5-8200Y @ 1.30GHz	4309	1090	14.81	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4227	1109	NA	NA
Intel Core i5-8250U @ 1.60GHz	6350	755	NA	NA
Intel Core i5-8257U @ 1.40GHz	10767	334	33.65	\$320.00*
Intel Core i5-8259U @ 2.30GHz	9465	433	12.60	\$751.00
Intel Core i5-8265U @ 1.60GHz	6608	720	22.25	\$297.00*
Intel Core i5-8265UC @ 1.60GHz	7783	590	NA	NA
Intel Core i5-8279U @ 2.40GHz	10599	341	33.12	\$320.00*
Intel Core i5-8300H @ 2.30GHz	7648	608	30.59	\$250.00*
Intel Core i5-8305G @ 2.80GHz	9000	483	NA	NA
Intel Core i5-8350U @ 1.70GHz	7861	582	26.47	\$297.00*
Intel Core i5-8365U @ 1.60GHz	6889	687	23.20	\$297.00*
Intel Core i5-8365UE @ 1.60GHz	8010	564	26.97	\$297.00*
Intel Core i5-8400 @ 2.80GHz	9614	426	48.08	\$199.99
Intel Core i5-8400H @ 2.50GHz	10379	357	41.52	\$250.00*
Intel Core i5-8400T @ 1.70GHz	8453	525	44.73	\$189.00*
Intel Core i5-8500 @ 3.00GHz	10026	383	32.00	\$313.29
Intel Core i5-8500B @ 3.00GHz	12756	260	66.44	\$192.00*
Intel Core i5-8500T @ 2.10GHz	9117	469	38.90	\$234.36*
Intel Core i5-8600 @ 3.10GHz	11081	314	16.06	\$690.12*
Intel Core i5-8600K @ 3.60GHz	11410	300	42.26	\$269.99
Intel Core i5-8600T @ 2.30GHz	11135	312	30.34	\$366.99*
Intel Core i5-9300H @ 2.40GHz	8182	550	32.73	\$250.00*
Intel Core i5-9400 @ 2.90GHz	9009	480	41.90	\$215.00
Intel Core i5-9400F @ 2.90GHz	9931	390	66.22	\$149.99
Intel Core i5-9400H @ 2.50GHz	11191	309	44.76	\$250.00*
Intel Core i5-9400T @ 1.80GHz	9646	422	53.00	\$182.00*
Intel Core i5-9500 @ 3.00GHz	9560	428	30.36	\$314.95
Intel Core i5-9500F @ 3.00GHz	13104	255	64.87	\$202.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-9500T @ 2.20GHz	9845	401	51.28	\$192.00*
Intel Core i5-9600 @ 3.10GHz	12391	268	55.32	\$224.00*
Intel Core i5-9600K @ 3.70GHz	11731	293	48.88	\$239.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-9600KF @ 3.70GHz	11139	311	53.05	\$209.99
Intel Core i5-9600T @ 2.30GHz	11706	294	54.96	\$213.00*
Intel Core i5-10210U @ 1.60GHz	7435	629	25.04	\$297.00*
Intel Core i5-10210Y @ 1.00GHz	7124	661	NA	NA
Intel Core i5-10300H @ 2.50GHz	9501	431	NA	NA
Intel Core i5-24050S @ 2.50GHz	4928	962	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3211	1329	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1565	NA	NA
Intel Core i7-620LM @ 2.00GHz	1963	1801	NA	NA
Intel Core i7-620M @ 2.67GHz	2713	1511	24.66	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1338	2119	NA	NA
Intel Core i7-640LM @ 2.13GHz	2245	1677	NA	NA
Intel Core i7-640M @ 2.80GHz	2405	1615	12.22	\$196.79
Intel Core i7-640UM @ 1.20GHz	1631	1978	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1909	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1929	NA	NA
Intel Core i7-720QM @ 1.60GHz	2021	1776	5.52	\$365.95*
Intel Core i7-740QM @ 1.73GHz	3187	1341	19.92	\$159.95*
Intel Core i7-820QM @ 1.73GHz	3215	1328	13.40	\$239.95*
Intel Core i7-840QM @ 1.87GHz	3412	1274	11.77	\$289.97*
Intel Core i7-860 @ 2.80GHz	3526	1246	12.16	\$289.95
Intel Core i7-860S @ 2.53GHz	4919	965	24.60	\$199.99*
Intel Core i7-870 @ 2.93GHz	5334	896	59.93	\$89.00
Intel Core i7-870S @ 2.67GHz	4849	976	NA	NA
Intel Core i7-875K @ 2.93GHz	5413	880	13.88	\$389.99
Intel Core i7-880 @ 3.07GHz	5511	865	9.45	\$583.00*
Intel Core i7-920 @ 2.67GHz	4908	967	119.71	\$41.00
Intel Core i7-920XM @ 2.00GHz	3719	1204	9.30	\$399.95*
Intel Core i7-930 @ 2.80GHz	4073	1138	37.04	\$109.99*
Intel Core i7-940 @ 2.93GHz	5325	899	51.21	\$103.99*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-940XM @ 2.13GHz	3921	1165	NA	NA
Intel Core i7-950 @ 3.07GHz	4060	1139	101.54	\$39.99
Intel Core i7-960 @ 3.20GHz	3384	1283	12.15	\$278.51
Intel Core i7-965 @ 3.20GHz	5850	813	41.79	\$139.99*
Intel Core i7-970 @ 3.20GHz	8349	537	16.70	\$499.95*
Intel Core i7-975 @ 3.33GHz	4810	983	11.73	\$409.92*
Intel Core i7-980 @ 3.33GHz	8522	521	42.61	\$199.98*
Intel Core i7-980X @ 3.33GHz	8739	502	7.87	\$1,109.95
Intel Core i7-985 @ 3.47GHz	6641	714	NA	NA
Intel Core i7-990X @ 3.47GHz	9037	478	25.82	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	407	NA	NA
Intel Core i7-1065G7 @ 1.30GHz	9411	443	NA	NA
Intel Core i7-2600 @ 3.40GHz	5484	866	48.11	\$113.99
Intel Core i7-2600K @ 3.40GHz	6626	717	44.02	\$150.53
Intel Core i7-2600S @ 2.80GHz	5817	816	55.34	\$105.12*
Intel Core i7-2610UE @ 1.50GHz	2481	1590	NA	NA
Intel Core i7-2617M @ 1.50GHz	2809	1474	NA	NA
Intel Core i7-2620M @ 2.70GHz	3257	1316	19.18	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	4111	1130	39.99	\$102.81*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2630UM @ 1.60GHz	2584	1547	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5426	879	NA	NA
Intel Core i7-2637M @ 1.70GHz	2904	1446	NA	NA
Intel Core i7-2640M @ 2.80GHz	3087	1380	25.74	\$119.95
Intel Core i7-2655LE @ 2.20GHz	3229	1324	NA	NA
Intel Core i7-2670QM @ 2.20GHz	4496	1051	32.49	\$138.40*
Intel Core i7-2675QM @ 2.20GHz	5544	860	NA	NA
Intel Core i7-2677M @ 1.80GHz	2837	1465	NA	NA
Intel Core i7-2700K @ 3.50GHz	7278	647	24.26	\$300.00
Intel Core i7-2710QE @ 2.10GHz	5772	822	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	891	NA	NA
Intel Core i7-2720QM @ 2.20GHz	5444	875	28.66	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6553	727	31.21	\$209.95
Intel Core i7-2820QM @ 2.30GHz	6640	715	36.68	\$181.02*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2840QM @ 2.40GHz	6766	700	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6934	681	12.82	\$541.00*
Intel Core i7-2920XM @ 2.50GHz	6998	672	15.89	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7224	654	17.62	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3539	1242	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3150	1356	NA	NA
Intel Core i7-3520M @ 2.90GHz	3511	1252	26.60	\$132.02*
Intel Core i7-3537U @ 2.00GHz	3290	1308	NA	NA
Intel Core i7-3540M @ 3.00GHz	4665	1009	10.85	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1155	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	729	NA	NA
Intel Core i7-3610QM @ 2.30GHz	5970	799	14.93	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	707	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6825	695	NA	NA
Intel Core i7-3615QE @ 2.30GHz	6390	750	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7396	640	NA	NA
Intel Core i7-3630QM @ 2.40GHz	6133	779	25.66	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	5683	839	25.84	\$219.95
Intel Core i7-3635QM @ 2.40GHz	5600	849	NA	NA
Intel Core i7-3667U @ 2.00GHz	3984	1151	NA	NA
Intel Core i7-3687U @ 2.10GHz	4134	1127	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1327	NA	NA
Intel Core i7-3720QM @ 2.60GHz	7059	667	19.45	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	6476	736	26.99	\$239.95*
Intel Core i7-3770 @ 3.40GHz	6596	722	50.75	\$129.98
Intel Core i7-3770K @ 3.50GHz	7768	593	36.99	\$209.99
Intel Core i7-3770S @ 3.10GHz	6833	694	50.57	\$135.13
Intel Core i7-3770T @ 2.50GHz	8207	548	24.87	\$329.99*
Intel Core i7-3820 @ 3.60GHz	7573	614	20.69	\$365.99*
Intel Core i7-3820QM @ 2.70GHz	6820	696	23.93	\$285.00*
Intel Core i7-3840QM @ 2.80GHz	8759	501	26.15	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	8983	484	8.20	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	8733	503	45.97	\$189.99*
Intel Core i7-3940XM @ 3.00GHz	9133	467	14.97	\$609.95*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3960X @ 3.30GHz	12559	266	15.51	\$809.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3970X @ 3.50GHz	12691	262	31.73	\$399.99*
Intel Core i7-4500U @ 1.80GHz	3786	1191	NA	NA
Intel Core i7-4510U @ 2.00GHz	3134	1361	NA	NA
Intel Core i7-4550U @ 1.50GHz	3676	1212	NA	NA
Intel Core i7-4558U @ 2.80GHz	4403	1069	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	1084	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	988	NA	NA
Intel Core i7-4600M @ 2.90GHz	4096	1134	NA	NA
Intel Core i7-4600U @ 2.10GHz	2923	1438	NA	NA
Intel Core i7-4610M @ 3.00GHz	4931	961	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1201	NA	NA
Intel Core i7-4650U @ 1.70GHz	3948	1161	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7203	656	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7054	668	18.42	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	6021	797	31.86	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7423	634	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	6482	735	29.68	\$218.45*
Intel Core i7-4710HQ @ 2.50GHz	5613	847	14.85	\$378.00*
Intel Core i7-4710MQ @ 2.50GHz	7984	569	29.40	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7530	617	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7192	657	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	6163	775	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8093	558	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8185	549	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8793	497	NA	NA
Intel Core i7-4765T @ 2.00GHz	6251	762	15.63	\$399.99*
Intel Core i7-4770 @ 3.40GHz	7381	641	40.13	\$183.96
Intel Core i7-4770HQ @ 2.20GHz	8950	489	NA	NA
Intel Core i7-4770K @ 3.50GHz	7130	660	22.28	\$319.99
Intel Core i7-4770R @ 3.20GHz	9830	404	NA	NA
Intel Core i7-4770S @ 3.10GHz	7463	625	12.24	\$610.00
Intel Core i7-4770T @ 2.50GHz	8580	518	21.45	\$399.99*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4770TE @ 2.30GHz	6732	706	NA	NA
Intel Core i7-4771 @ 3.50GHz	9841	403	56.23	\$175.00
Intel Core i7-4785T @ 2.20GHz	7648	609	NA	NA
Intel Core i7-4790 @ 3.60GHz	7324	643	43.09	\$169.99
Intel Core i7-4790K @ 4.00GHz	8274	541	28.53	\$290.00
Intel Core i7-4790S @ 3.20GHz	8254	544	14.98	\$551.01
Intel Core i7-4790T @ 2.70GHz	9075	474	25.21	\$359.99*
Intel Core i7-4800MQ @ 2.70GHz	6965	677	34.14	\$204.00*
Intel Core i7-4810MQ @ 2.80GHz	8660	513	45.59	\$189.95*
Intel Core i7-4820K @ 3.70GHz	9719	414	44.18	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9050	477	20.85	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7900	578	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9275	457	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	7782	591	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8966	486	15.28	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9339	451	20.30	\$459.95*
Intel Core i7-4930K @ 3.40GHz	12024	283	15.03	\$799.97*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4930MX @ 3.00GHz	9444	438	8.62	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9732	412	13.71	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9856	399	15.82	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13801	234	17.92	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10306	360	NA	NA
Intel Core i7-5500U @ 2.40GHz	3314	1301	NA	NA
Intel Core i7-5550U @ 2.00GHz	3851	1176	NA	NA
Intel Core i7-5557U @ 3.10GHz	4957	956	7.03	\$705.00*
Intel Core i7-5600U @ 2.60GHz	3485	1258	NA	NA
Intel Core i7-5650U @ 2.20GHz	4242	1105	NA	NA
Intel Core i7-5675C @ 3.10GHz	8330	539	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	545	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8349	536	NA	NA
Intel Core i7-5775C @ 3.30GHz	9438	440	13.75	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10879	327	NA	NA
Intel Core i7-5820K @ 3.30GHz	9715	415	41.34	\$235.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5850EQ @ 2.70GHz	9817	405	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	436	21.79	\$434.00*
Intel Core i7-5930K @ 3.50GHz	11805	288	42.16	\$279.99
Intel Core i7-5950HQ @ 2.90GHz	10850	328	NA	NA
Intel Core i7-5960X @ 3.00GHz	14339	217	15.07	\$951.31
Intel Core i7-6498DU @ 2.50GHz	4471	1058	NA	NA
Intel Core i7-6500U @ 2.50GHz	3521	1248	8.96	\$393.00*
Intel Core i7-6560U @ 2.20GHz	4824	980	NA	NA
Intel Core i7-6567U @ 3.30GHz	5582	853	NA	NA
Intel Core i7-6600U @ 2.60GHz	4303	1091	NA	NA
Intel Core i7-6650U @ 2.20GHz	4487	1053	NA	NA
Intel Core i7-6700 @ 3.40GHz	8672	511	30.97	\$279.99
Intel Core i7-6700HQ @ 2.60GHz	6694	710	17.71	\$378.00*
Intel Core i7-6700K @ 4.00GHz	9403	445	30.10	\$312.39*
Intel Core i7-6700T @ 2.80GHz	9005	481	23.95	\$375.99
Intel Core i7-6700TE @ 2.40GHz	8674	510	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	8778	498	8.76	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	12267	276	33.53	\$365.88
Intel Core i7-6820EQ @ 2.80GHz	8683	508	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9105	471	24.09	\$378.00*
Intel Core i7-6820HQ @ 2.70GHz	7290	646	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6501	732	NA	NA
Intel Core i7-6850K @ 3.60GHz	12317	270	31.91	\$386.00
Intel Core i7-6900K @ 3.20GHz	17580	135	24.80	\$709.00
Intel Core i7-6920HQ @ 2.90GHz	8367	531	14.73	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19913	96	12.01	\$1,658.00
Intel Core i7-7500U @ 2.70GHz	3631	1221	NA	NA
Intel Core i7-7560U @ 2.40GHz	5769	823	NA	NA
Intel Core i7-7567U @ 3.50GHz	6461	739	9.44	\$684.68
Intel Core i7-7600U @ 2.80GHz	4108	1132	NA	NA
Intel Core i7-7660U @ 2.50GHz	5105	930	NA	NA
Intel Core i7-7700 @ 3.60GHz	9255	459	28.92	\$319.99
Intel Core i7-7700HQ @ 2.80GHz	7600	612	20.11	\$378.00*
CPU Name	Passmark CPU Mark	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7700K @ 4.20GHz	10407	355	18.59	\$559.99
Intel Core i7-7700T @ 2.90GHz	9336	452	24.25	\$385.00*
Intel Core i7-7740X @ 4.30GHz	10062	379	31.45	\$319.99
Intel Core i7-7800X @ 3.50GHz	14644	207	28.71	\$509.99*
Intel Core i7-7820EQ @ 3.00GHz	9144	466	24.19	\$378.00*
Intel Core i7-7820HK @ 2.90GHz	8645	515	22.87	\$378.00*
Intel Core i7-7820HQ @ 2.90GHz	7735	598	20.46	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18507	117	15.68	\$1,179.95*
Intel Core i7-7900X @ 3.30GHz	20474	88	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	10005	387	17.61	\$568.00*
Intel Core i7-8086K @ 4.00GHz	15601	180	28.21	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3971	1153	10.10	\$393.00*
Intel Core i7-8550U @ 1.80GHz	6456	740	NA	NA
Intel Core i7-8557U @ 1.70GHz	10470	354	24.29	\$431.00*
Intel Core i7-8559U @ 2.70GHz	12216	277	17.33	\$705.00*
Intel Core i7-8565U @ 1.80GHz	7430	632	NA	NA
Intel Core i7-8650U @ 1.90GHz	6494	733	15.84	\$409.99*
Intel Core i7-8665U @ 1.90GHz	7880	580	19.27	\$409.00*
Intel Core i7-8665UE @ 1.70GHz	8731	504	21.35	\$409.00*
Intel Core i7-8700 @ 3.20GHz	13544	243	32.41	\$417.85
Intel Core i7-8700B @ 3.20GHz	14963	199	49.38	\$303.00*
Intel Core i7-8700K @ 3.70GHz	14121	223	31.73	\$445.06
Intel Core i7-8700T @ 2.40GHz	12329	269	20.25	\$609.00*
Intel Core i7-8705G @ 3.10GHz	9847	400	6.99	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10539	345	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	409	NA	NA
Intel Core i7-8750H @ 2.20GHz	10963	322	27.76	\$395.00*
Intel Core i7-8809G @ 3.10GHz	10142	372	NA	NA
Intel Core i7-8850H @ 2.60GHz	10813	330	27.37	\$395.00*
Intel Core i7-9700 @ 3.00GHz	14549	210	33.95	\$428.57
Intel Core i7-9700F @ 3.00GHz	15449	185	48.28	\$319.99
Intel Core i7-9700K @ 3.60GHz	14990	197	40.52	\$369.99
Intel Core i7-9700KF @ 3.60GHz	15871	172	44.09	\$359.99*
Intel Core i7-9700T @ 2.00GHz	13434	247	41.59	\$323.00*

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Intel Core i7-9700TE @ 1.80GHz	12688	263	39.28	\$323.00*
Intel Core i7-9750H @ 2.60GHz	11606	298	29.38	\$395.00*
Intel Core i7-9750HF @ 2.60GHz	13738	235	34.78	\$395.00*
Intel Core i7-9800X @ 3.80GHz	19100	113	23.58	\$809.95*
Intel Core i7-9850H @ 2.60GHz	12271	275	31.07	\$395.00*
Intel Core i7-9850HL @ 1.90GHz	11340	303	28.71	\$395.00*
Intel Core i7-10510U @ 1.80GHz	8011	563	19.59	\$409.00*
Intel Core i7-10710U @ 1.10GHz	10371	358	15.96	\$649.99
Intel Core i7-10750H @ 2.60GHz	16137	161	NA	NA
Intel Core i9-7900X @ 3.30GHz	21948	70	19.57	\$1,121.25*
Intel Core i9-7920X @ 2.90GHz	23340	62	24.32	\$959.75*
Intel Core i9-7940X @ 3.10GHz	26830	33	26.62	\$1,008.00
Intel Core i9-7960X @ 2.80GHz	26034	37	19.28	\$1,349.99*
Intel Core i9-7980XE @ 2.60GHz	27669	30	17.63	\$1,569.00
Intel Core i9-8950HK @ 2.90GHz	11062	315	18.97	\$583.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-9820X @ 3.30GHz	21251	79	30.36	\$699.95
Intel Core i9-9880H @ 2.30GHz	14209	220	25.56	\$556.00*
Intel Core i9-9900 @ 3.10GHz	18209	123	31.18	\$584.00
Intel Core i9-9900K @ 3.60GHz	19106	112	34.74	\$549.99
Intel Core i9-9900KF @ 3.60GHz	20211	94	39.44	\$512.49
Intel Core i9-9900KS @ 4.00GHz	20195	95	31.07	\$649.99*
Intel Core i9-9900T @ 2.10GHz	14812	204	33.74	\$439.00*
Intel Core i9-9900X @ 3.50GHz	22443	66	20.33	\$1,103.72
Intel Core i9-9920X @ 3.50GHz	25231	44	21.57	\$1,169.66
Intel Core i9-9940X @ 3.30GHz	26768	35	29.42	\$909.94
Intel Core i9-9960X @ 3.10GHz	28336	25	23.61	\$1,199.99
Intel Core i9-9980HK @ 2.40GHz	17444	137	29.92	\$583.00*
Intel Core i9-9980XE @ 3.00GHz	29641	19	9.88	\$2,999.00
Intel Core i9-10900X @ 3.70GHz	23678	57	34.40	\$688.29
Intel Core i9-10920X @ 3.50GHz	26793	34	27.91	\$959.99
Intel Core i9-10940X @ 3.30GHz	30073	17	14.96	\$2,009.99
Intel Core i9-10980XE @ 3.00GHz	32964	10	33.67	\$979.00*
Intel Core m3-6Y30 @ 0.90GHz	3025	1400	10.77	\$281.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core m3-7Y30 @ 1.00GHz	3512	1251	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3391	1279	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3267	1312	11.63	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3343	1293	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	2878	1458	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	2252	1674	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2653	1526	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1624	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2825	1467	10.05	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2782	1486	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2481	1591	NA	NA
Intel Core M-5Y70 @ 1.10GHz	2903	1448	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2989	1414	10.64	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2625	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2621	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2560	NA	NA
Intel Core Solo U1300 @ 1.06GHz	270	2738	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2732	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2679	NA	NA
Intel Pentium 4 1.50GHz	131	2818	NA	NA
Intel Pentium 4 1.60GHz	129	2820	NA	NA
Intel Pentium 4 1.70GHz	132	2817	NA	NA
Intel Pentium 4 1.80GHz	161	2808	NA	NA
Intel Pentium 4 1.90GHz	159	2809	NA	NA
Intel Pentium 4 2.00GHz	189	2794	NA	NA
Intel Pentium 4 2.20GHz	209	2781	NA	NA
Intel Pentium 4 2.26GHz	221	2773	NA	NA
Intel Pentium 4 2.40GHz	227	2768	NA	NA
Intel Pentium 4 2.50GHz	245	2757	NA	NA
Intel Pentium 4 2.53GHz	248	2752	NA	NA
Intel Pentium 4 2.60GHz	288	2721	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.66GHz	254	2746	NA	NA
Intel Pentium 4 2.80GHz	322	2684	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.93GHz	293	2719	NA	NA
Intel Pentium 4 3.00GHz	353	2661	NA	NA
Intel Pentium 4 3.06GHz	346	2665	NA	NA
Intel Pentium 4 3.20GHz	373	2641	NA	NA
Intel Pentium 4 3.40GHz	395	2622	NA	NA
Intel Pentium 4 3.46GHz	454	2573	NA	NA
Intel Pentium 4 3.60GHz	485	2549	NA	NA
Intel Pentium 4 3.73GHz	486	2548	NA	NA
Intel Pentium 4 3.80GHz	485	2551	NA	NA
Intel Pentium 4 3.83GHz	195	2793	NA	NA
Intel Pentium 4 1300MHz	119	2824	NA	NA
Intel Pentium 4 1400MHz	127	2821	NA	NA
Intel Pentium 4 1500MHz	125	2822	NA	NA
Intel Pentium 4 1700MHz	154	2811	NA	NA
Intel Pentium 4 1800MHz	162	2807	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2800	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2803	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2782	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2789	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2252	8.17	\$134.00*
Intel Pentium 967 @ 1.30GHz	1140	2235	NA	NA
Intel Pentium 987 @ 1.50GHz	1223	2186	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	2084	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	2272	1665	16.96	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2399	1618	17.90	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1656	1965	12.36	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1814	1877	13.54	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1062	2272	7.93	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2266	1668	NA	NA
Intel Pentium 3556U @ 1.70GHz	1663	1959	NA	NA
Intel Pentium 3558U @ 1.70GHz	1667	1956	NA	NA
Intel Pentium 3560M @ 2.40GHz	2269	1667	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 3560Y @ 1.20GHz	1266	2164	NA	NA
Intel Pentium 3805U @ 1.90GHz	1534	2022	NA	NA
Intel Pentium 3825U @ 1.90GHz	2508	1577	NA	NA
Intel Pentium 4405U @ 2.10GHz	2930	1432	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1760	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2050	1762	12.73	\$161.00*
Intel Pentium 4415U @ 2.30GHz	2806	1475	NA	NA
Intel Pentium 4415Y @ 1.60GHz	1984	1789	12.33	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3201	1333	19.88	\$161.00*
Intel Pentium 5405U @ 2.30GHz	2712	1512	16.85	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1988	NA	NA
Intel Pentium A1020 @ 2.41GHz	2096	1736	NA	NA
Intel Pentium B940 @ 2.00GHz	1227	2183	41.00	\$29.94*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium B950 @ 2.10GHz	1710	1928	NA	NA
Intel Pentium B960 @ 2.20GHz	1321	2124	26.98	\$48.99*
Intel Pentium B970 @ 2.30GHz	1950	1811	38.24	\$50.99*
Intel Pentium B980 @ 2.40GHz	2019	1779	28.86	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1186	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	530	2524	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2477	NA	NA
Intel Pentium D 915 @ 2.80GHz	584	2501	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2450	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2438	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2412	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2379	9.66	\$89.95*
Intel Pentium E2160 @ 1.80GHz	994	2314	64.09	\$15.51*
Intel Pentium E2180 @ 2.00GHz	1088	2256	36.88	\$29.50
Intel Pentium E2200 @ 2.20GHz	1200	2199	16.00	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2212	NA	NA
Intel Pentium E2220 @ 2.40GHz	1329	2122	15.46	\$85.99*
Intel Pentium E5200 @ 2.50GHz	1486	2047	24.79	\$59.95*
Intel Pentium E5300 @ 2.60GHz	1331	2121	30.75	\$43.31*
Intel Pentium F5400 @ 2.70GHz	1596	1993	89.86	\$17.76*

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Intel Pentium E5500 @ 2.80GHz	1637	1971	62.99	\$25.99*
Intel Pentium E5700 @ 3.00GHz	1736	1914	115.81	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1888	1844	83.91	\$22.50*
Intel Pentium E6300 @ 2.80GHz	1164	2220	113.03	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1766	1896	11.18	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1859	1859	18.59	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1929	1821	64.32	\$29.99
Intel Pentium E6800 @ 3.33GHz	1974	1795	22.18	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2362	29.20	\$31.23*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2331	NA	NA
Intel Pentium G620 @ 2.60GHz	2286	1656	91.48	\$24.99*
Intel Pentium G620T @ 2.20GHz	2033	1768	25.42	\$79.99*
Intel Pentium G630 @ 2.70GHz	1905	1832	19.05	\$100.00
Intel Pentium G630T @ 2.30GHz	2086	1740	26.08	\$79.99*
Intel Pentium G640 @ 2.80GHz	2520	1571	63.00	\$40.00*
Intel Pentium G640T @ 2.40GHz	1979	1792	NA	NA
Intel Pentium G645 @ 2.90GHz	2587	1545	64.68	\$40.00
Intel Pentium G645T @ 2.50GHz	2230	1685	NA	NA
Intel Pentium G840 @ 2.80GHz	2560	1559	73.16	\$34.99*
Intel Pentium G850 @ 2.90GHz	2654	1525	13.40	\$197.99
Intel Pentium G860 @ 3.00GHz	2117	1729	70.60	\$29.99*
Intel Pentium G870 @ 3.10GHz	2787	1484	28.73	\$97.00*
Intel Pentium G2010 @ 2.80GHz	1870	1853	37.40	\$50.00*
Intel Pentium G2020 @ 2.90GHz	2322	1641	38.74	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2418	1610	50.80	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2046	1763	42.63	\$48.00
Intel Pentium G2030T @ 2.60GHz	2496	1584	39.00	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1493	NA	NA
Intel Pentium G2120 @ 3.10GHz	3080	1383	19.30	\$159.55*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2130 @ 3.20GHz	3189	1340	63.79	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3377	1284	41.41	\$81.56*
Intel Pentium G3220 @ 3.00GHz	3123	1366	32.55	\$95.93

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Intel Pentium G3220T @ 2.60GHz	2562	1558	40.68	\$62.98*
Intel Pentium G3240 @ 3.10GHz	2133	1722	26.67	\$79.99
Intel Pentium G3240T @ 2.70GHz	2822	1469	NA	NA
Intel Pentium G3250 @ 3.20GHz	3240	1323	13.92	\$232.84*
Intel Pentium G3250T @ 2.80GHz	2968	1423	32.98	\$89.99*
Intel Pentium G3258 @ 3.20GHz	2920	1439	15.51	\$188.28*
Intel Pentium G3260 @ 3.30GHz	3356	1288	23.97	\$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1433	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1622	NA	NA
Intel Pentium G3420 @ 3.20GHz	2776	1487	35.73	\$77.72
Intel Pentium G3420T @ 2.70GHz	3008	1407	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3396	1276	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3324	1299	20.78	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1374	NA	NA
Intel Pentium G3450 @ 3.40GHz	3696	1210	36.96	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1424	NA	NA
Intel Pentium G3460 @ 3.50GHz	3587	1234	12.45	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3714	1207	35.61	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3138	1359	31.86	\$98.50
Intel Pentium G4400T @ 2.90GHz	3171	1346	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1456	45.08	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3792	1190	46.24	\$82.00
Intel Pentium G4500T @ 3.00GHz	3471	1263	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1120	38.04	\$109.99*
Intel Pentium G4560 @ 3.50GHz	4246	1104	42.46	\$99.99*
Intel Pentium G4560T @ 2.90GHz	3883	1169	35.30	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5066	937	19.49	\$259.95
Intel Pentium G4600T @ 3.00GHz	4266	1100	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5216	914	45.89	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1852	1862	46.31	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1721	22.71	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2043	1764	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	4240	1106	60.59	\$69.99
Intel Pentium Gold G5400T @ 3.10GHz	4755	994	74.30	\$64.00*

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Intel Pentium Gold G5420 @ 3.80GHz	5267	907	45.35	\$116.15
Intel Pentium Gold G5420T @ 3.20GHz	5156	925	80.56	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5195	918	30.58	\$169.90*
Intel Pentium Gold G5500T @ 3.20GHz	4346	1081	57.95	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5571	855	51.61	\$107.95*
Intel Pentium Gold G5600F @ 3.90GHz	5736	831	NA	NA
Intel Pentium Gold G5620 @ 4.00GHz	5655	841	33.84	\$167.13*
Intel Pentium III 1400 @ 1400MHz	297	2713	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2710	NA	NA
Intel Pentium III Mobile 800MHz	182	2797	NA	NA
Intel Pentium III Mobile 866MHz	152	2812	NA	NA
Intel Pentium III Mobile 1066MHz	246	2754	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III Mobile 1133MHz	251	2750	NA	NA
Intel Pentium III Mobile 1200MHz	240	2760	NA	NA
Intel Pentium J2850 @ 2.41GHz	1775	1891	NA	NA
Intel Pentium J2900 @ 2.41GHz	1973	1796	NA	NA
Intel Pentium J3710 @ 1.60GHz	1919	1827	NA	NA
Intel Pentium J4205 @ 1.50GHz	2264	1670	NA	NA
Intel Pentium M 1.10GHz	282	2726	NA	NA
Intel Pentium M 1.20GHz	298	2712	NA	NA
Intel Pentium M 1.30GHz	301	2706	NA	NA
Intel Pentium M 1.40GHz	345	2667	NA	NA
Intel Pentium M 1.50GHz	366	2648	NA	NA
Intel Pentium M 1.60GHz	364	2651	NA	NA
Intel Pentium M 1.70GHz	406	2612	NA	NA
Intel Pentium M 1.73GHz	412	2604	NA	NA
Intel Pentium M 1.80GHz	411	2605	NA	NA
Intel Pentium M 1.86GHz	438	2588	NA	NA
Intel Pentium M 2.00GHz	461	2568	NA	NA
Intel Pentium M 2.10GHz	448	2578	NA	NA
Intel Pentium M 2.13GHz	499	2542	NA	NA
Intel Pentium M 2.26GHz	509	2537	NA	NA
Intel Pentium M 900MHz	217	2775	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1000MHz	233	2764	NA	NA
Intel Pentium M 1200MHz	237	2762	NA	NA
Intel Pentium M 1300MHz	303	2701	NA	NA
Intel Pentium M 1400MHz	320	2686	NA	NA
Intel Pentium M 1500MHz	346	2663	NA	NA
Intel Pentium M 1600MHz	335	2672	NA	NA
Intel Pentium M 1700MHz	376	2637	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	2027	NA	NA
Intel Pentium N3520 @ 2.16GHz	1802	1879	NA	NA
Intel Pentium N3530 @ 2.16GHz	1905	1833	NA	NA
Intel Pentium N3540 @ 2.16GHz	1583	2000	6.31	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1831	1872	4.12	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1865	1856	NA	NA
Intel Pentium N4200 @ 1.10GHz	2028	1772	8.87	\$228.71*
Intel Pentium P6000 @ 1.87GHz	1244	2177	NA	NA
Intel Pentium P6100 @ 2.00GHz	1155	2224	40.64	\$28.44*
Intel Pentium P6200 @ 2.13GHz	1350	2110	30.03	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1372	2099	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2906	1445	13.49	\$215.41
Intel Pentium Silver J5040 @ 2.00GHz	3319	1300	NA	NA
Intel Pentium Silver N5000 @ 1.10GHz	2739	1502	17.01	\$161.00*
Intel Pentium Silver N5030 @ 1.10GHz	2276	1660	NA	NA
Intel Pentium SU2700 @ 1.30GHz	408	2607	NA	NA
Intel Pentium SU4100 @ 1.30GHz	854	2388	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2472	NA	NA
Intel Pentium T2080 @ 1.73GHz	706	2454	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	706	2453	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2442	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2330 @ 1.60GHz	830	2400	NA	NA
Intel Pentium T2370 @ 1.73GHz	849	2390	24.26	\$35.00*
Intel Pentium T2390 @ 1.86GHz	950	2339	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2320	NA	NA
Intel Pentium T3200 @ 2.00GHz	1034	2285	86.17	\$12.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T3400 @ 2.16GHz	1116	2241	12.41	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1153	2227	96.08	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1232	2181	NA	NA
Intel Pentium T4400 @ 2.20GHz	1282	2149	NA	NA
Intel Pentium T4500 @ 2.30GHz	1332	2120	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2407	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2337	NA	NA
Intel T1400 @ 1.73GHz	929	2352	NA	NA
Intel T1500 @ 1.86GHz	976	2322	NA	NA
Intel T2050 @ 2.00GHz	959	2334	NA	NA
Intel Xeon 2.00GHz	233	2765	NA	NA
Intel XEON 2.20GHz	252	2749	NA	NA
Intel Xeon 2.40GHz	276	2733	30.33	\$9.10*
Intel Xeon 2.80GHz	400	2620	NA	NA
Intel Xeon 3.00GHz	391	2630	NA	NA
Intel Xeon 3.20GHz	461	2569	NA	NA
Intel Xeon 3.40GHz	478	2557	NA	NA
Intel Xeon 3.60GHz	509	2538	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2281	NA	NA
Intel Xeon 3.80GHz	604	2493	0.71	\$851.00*
Intel Xeon 3040 @ 1.86GHz	1278	2151	51.04	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2135	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	2028	66.03	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	2026	72.73	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1889	10.08	\$176.96
Intel Xeon 3075 @ 2.66GHz	1840	1867	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1772	1894	NA	NA
Intel Xeon 5110 @ 1.60GHz	1084	2261	30.97	\$35.00*
Intel Xeon 5120 @ 1.86GHz	1248	2176	0.77	\$1,619.99
Intel Xeon 5130 @ 2.00GHz	1366	2101	27.88	\$48.99*
Intel Xeon 5133 @ 2.20GHz	1598	1992	NA	NA
Intel Xeon 5140 @ 2.33GHz	1636	1972	65.47	\$24.99*
Intel Xeon 5148 @ 2.33GHz	1590	1998	121.10	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1740	1911	12.43	\$139.95*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 5160 @ 3.00GHz	1958	1804	39.17	\$49.99*
Intel Xeon @ 2.00GHz	11327	304	NA	NA
Intel Xeon @ 2.20GHz	1902	1836	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5701	836	24.79	\$229.99
Intel Xeon Bronze 3106 @ 1.70GHz	6885	688	20.86	\$329.99
Intel Xeon Bronze 3204 @ 1.90GHz	6248	763	22.97	\$272.02*
Intel Xeon D-1518 @ 2.20GHz	5322	900	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	827	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	674	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	547	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1531 @ 2.20GHz	9643	423	27.71	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	8445	527	14.79	\$571.00*
Intel Xeon D-1539 @ 1.60GHz	8443	528	17.37	\$486.00*
Intel Xeon D-1540 @ 2.00GHz	10740	335	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11016	319	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	337	19.24	\$555.00*
Intel Xeon D-1557 @ 1.50GHz	10950	323	15.78	\$694.00*
Intel Xeon D-1559 @ 1.50GHz	8687	507	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	212	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	226	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8150	552	38.26	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	258	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	233	24.41	\$566.00*
Intel Xeon D-2146NT @ 2.30GHz	12057	282	18.81	\$641.00*
Intel Xeon D-2166NT @ 2.00GHz	15922	168	15.84	\$1,005.00*
Intel Xeon D-2183IT @ 2.20GHz	19381	108	10.99	\$1,764.00*
Intel Xeon D-2187NT @ 2.00GHz	19741	100	9.93	\$1,989.00*
Intel Xeon E3-1205 v6 @ 3.00GHz	7360	642	38.13	\$193.00*
Intel Xeon E3-1220 @ 3.10GHz	6269	761	142.48	\$44.00
Intel Xeon E3-1220 V2 @ 3.10GHz	5455	872	102.98	\$52.98
Intel Xeon E3-1220 v3 @ 3.10GHz	6182	770	46.14	\$133.99
Intel Xeon E3-1220 v5 @ 3.00GHz	7768	594	29.15	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7750	596	36.63	\$211.59

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1220L @ 2.20GHz	3606	1228	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	1066	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2070	1750	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	6108	785	105.33	\$57.99
Intel Xeon E3-1225 V2 @ 3.20GHz	6992	673	109.27	\$63.99
Intel Xeon E3-1225 v3 @ 3.20GHz	6345	757	47.00	\$134.99
Intel Xeon E3-1225 v5 @ 3.30GHz	7842	586	17.66	\$444.14
Intel Xeon E3-1225 v6 @ 3.30GHz	7958	571	26.90	\$295.79
Intel Xeon E3-1226 v3 @ 3.30GHz	7603	611	12.78	\$595.00*
Intel Xeon E3-1230 @ 3.20GHz	7852	584	85.36	\$91.99
Intel Xeon E3-1230 V2 @ 3.30GHz	7061	666	71.34	\$98.99
Intel Xeon E3-1230 v3 @ 3.30GHz	7645	610	35.56	\$215.00
Intel Xeon E3-1230 v5 @ 3.40GHz	9774	410	28.62	\$341.53*
Intel Xeon E3-1230 v6 @ 3.50GHz	9843	402	36.87	\$266.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	653	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	7927	573	15.55	\$509.95
Intel Xeon E3-1235 @ 3.20GHz	7759	595	31.80	\$244.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	737	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7982	570	95.05	\$83.98
Intel Xeon E3-1240 V2 @ 3.40GHz	7076	665	66.78	\$105.98
Intel Xeon E3-1240 v3 @ 3.40GHz	9685	417	25.20	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10323	359	30.21	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10487	352	26.09	\$401.98
Intel Xeon E3-1240L v3 @ 2.00GHz	7486	621	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7746	597	27.86	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10030	382	50.15	\$199.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1245 @ 3.30GHz	8030	560	87.29	\$91.99
Intel Xeon E3-1245 V2 @ 3.40GHz	9126	468	74.20	\$122.99
Intel Xeon E3-1245 v3 @ 3.40GHz	9593	427	37.62	\$255.00
Intel Xeon E3-1245 v5 @ 3.50GHz	9372	447	27.14	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10567	342	34.89	\$302.90
Intel Xeon E3-1246 v3 @ 3.50GHz	9873	398	24.14	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6180	771	107.83	\$57.31

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	369	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	5961	800	6.49	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7434	631	50.23	\$148.00*
Intel Xeon E3-1265L v3 @ 2.50GHz	9185	464	12.94	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	476	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	585	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	506	19.05	\$456.54*
Intel Xeon E3-1270 @ 3.40GHz	6849	691	21.74	\$315.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	7684	604	40.45	\$189.99
Intel Xeon E3-1270 v3 @ 3.50GHz	9922	391	62.02	\$159.99
Intel Xeon E3-1270 v5 @ 3.60GHz	10305	361	23.64	\$435.90*
Intel Xeon E3-1270 v6 @ 3.80GHz	11184	310	28.94	\$386.44
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	336	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10122	376	11.40	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8111	556	26.68	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9424	441	23.88	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	10054	380	25.07	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	9363	449	24.67	\$379.52*
Intel Xeon E3-1275 v6 @ 3.80GHz	11057	316	21.68	\$509.95
Intel Xeon E3-1275L v3 @ 2.70GHz	8896	491	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10247	367	9.55	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8420	529	25.35	\$332.20
Intel Xeon E3-1280 V2 @ 3.60GHz	9465	434	26.29	\$360.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9794	406	21.81	\$449.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	10620	340	15.39	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11041	317	24.92	\$442.99
Intel Xeon E3-1281 v3 @ 3.70GHz	10031	381	11.43	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10503	349	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	347	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	12016	284	11.91	\$1,008.95
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	388	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10970	321	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	395	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	432	12.27	\$774.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1290 @ 3.60GHz	8768	500	9.91	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9654	421	10.91	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	753	NA	NA
Intel Xeon E3-1505L v6 @ 2.20GHz	7887	579	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	7704	602	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9656	420	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10016	386	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9323	453	14.96	\$623.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1535M v6 @ 3.10GHz	10547	344	16.93	\$623.00*
Intel Xeon E3-1545M v5 @ 2.90GHz	10283	363	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10628	339	8.81	\$1,207.00*
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	332	19.42	\$556.00*
Intel Xeon E3-1585L v5 @ 3.00GHz	10248	366	23.03	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7265	650	161.48	\$44.99*
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	633	NA	NA
Intel Xeon E5-1428L v2 @ 2.20GHz	8679	509	17.57	\$494.00*
Intel Xeon E5-1603 @ 2.80GHz	4541	1038	151.40	\$30.00
Intel Xeon E5-1603 v3 @ 2.80GHz	6238	766	135.64	\$45.99
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	741	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	4884	969	168.43	\$29.00*
Intel Xeon E5-1607 v2 @ 3.00GHz	6238	767	178.48	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	7039	669	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7270	648	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	6590	724	124.35	\$53.00
Intel Xeon E5-1620 v2 @ 3.70GHz	9506	430	166.77	\$57.00*
Intel Xeon E5-1620 v3 @ 3.50GHz	9757	411	76.30	\$127.88*
Intel Xeon E5-1620 v4 @ 3.50GHz	8650	514	18.02	\$479.95
Intel Xeon E5-1630 v3 @ 3.70GHz	10229	368	52.73	\$193.99
Intel Xeon E5-1630 v4 @ 3.70GHz	10302	362	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	9917	392	20.03	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	10489	351	80.07	\$131.00*
Intel Xeon E5-1650 v3 @ 3.50GHz	13629	240	104.85	\$129.99
Intel Xeon E5-1650 v4 @ 3.60GHz	14198	221	27.95	\$508.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1660 @ 3.30GHz	12202	279	9.95	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13919	230	49.54	\$280.99
Intel Xeon E5-1660 v3 @ 3.00GHz	14757	205	36.09	\$408.95*
Intel Xeon E5-1660 v4 @ 3.20GHz	16208	159	13.18	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16206	160	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16384	154	27.31	\$599.99*
Intel Xeon E5-1680 v4 @ 3.40GHz	17063	142	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	122	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1247	73.78	\$47.75*
Intel Xeon E5-2403 v2 @ 1.80GHz	3590	1233	161.71	\$22.20*
Intel Xeon E5-2407 @ 2.20GHz	4188	1118	53.01	\$79.00
Intel Xeon E5-2407 v2 @ 2.40GHz	4810	984	13.36	\$359.95*
Intel Xeon E5-2418L @ 2.00GHz	5202	917	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7092	663	310.10	\$22.87
Intel Xeon E5-2420 v2 @ 2.20GHz	7472	623	191.60	\$39.00
Intel Xeon E5-2430 @ 2.20GHz	7669	607	219.18	\$34.99
Intel Xeon E5-2430 v2 @ 2.50GHz	9061	475	110.51	\$81.99*
Intel Xeon E5-2430L @ 2.00GHz	7834	587	242.69	\$32.28*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	716	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9221	462	230.58	\$39.99
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	455	206.44	\$45.00
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	488	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10478	353	149.71	\$69.99*
Intel Xeon E5-2450L @ 1.80GHz	8261	543	206.53	\$40.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2470 @ 2.30GHz	10982	320	120.03	\$91.49
Intel Xeon E5-2470 v2 @ 2.40GHz	11983	285	38.66	\$309.99
Intel Xeon E5-2603 @ 1.80GHz	3597	1231	75.17	\$47.85*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1195	62.78	\$59.99*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	922	87.78	\$59.00
Intel Xeon E5-2603 v4 @ 1.70GHz	5524	862	24.64	\$224.20*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	583	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4624	1019	165.20	\$27.99*
Intel Xeon E5-2609 v2 @ 2.50GHz	5179	921	35.71	\$145.00

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Intel Xeon E5-2609 v3 @ 1.90GHz	5901	804	55.65	\$106.03*
Intel Xeon E5-2609 v4 @ 1.70GHz	6925	683	19.25	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	280	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14238	219	18.28	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7904	577	298.26	\$26.50
Intel Xeon E5-2620 v2 @ 2.10GHz	8623	517	119.73	\$72.02
Intel Xeon E5-2620 v3 @ 2.40GHz	10019	384	250.54	\$39.99
Intel Xeon E5-2620 v4 @ 2.10GHz	11316	305	28.31	\$399.65
Intel Xeon E5-2623 v3 @ 3.00GHz	9000	482	74.38	\$121.00*
Intel Xeon E5-2623 v4 @ 2.60GHz	8643	516	15.74	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	444	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	273	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	256	9.60	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	318	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8909	490	223.06	\$39.94*
Intel Xeon E5-2630 v2 @ 2.60GHz	10389	356	303.42	\$34.24
Intel Xeon E5-2630 v3 @ 2.40GHz	11453	299	114.53	\$100.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13877	232	24.82	\$559.00
Intel Xeon E5-2630L @ 2.00GHz	8004	565	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9098	472	245.03	\$37.13*
Intel Xeon E5-2630L v3 @ 1.80GHz	9666	419	20.14	\$479.90*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	257	NA	NA
Intel Xeon E5-2637 @ 3.00GHz	4508	1045	5.09	\$885.00*
Intel Xeon E5-2637 v2 @ 3.50GHz	9270	458	97.59	\$94.99
Intel Xeon E5-2637 v3 @ 3.50GHz	10135	373	59.62	\$169.99*
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	346	4.76	\$2,208.95
Intel Xeon E5-2640 @ 2.50GHz	9412	442	112.44	\$83.71
Intel Xeon E5-2640 v2 @ 2.00GHz	10213	370	256.80	\$39.77*
Intel Xeon E5-2640 v3 @ 2.60GHz	11927	286	149.13	\$79.98
Intel Xeon E5-2640 v4 @ 2.40GHz	15420	186	15.53	\$992.99
Intel Xeon E5-2643 @ 3.30GHz	6612	718	129.68	\$50.99
Intel Xeon E5-2643 v2 @ 3.50GHz	13217	252	110.15	\$119.99
Intel Xeon E5-2643 v3 @ 3.40GHz	13945	228	53.64	\$259.99
Intel Xeon E5-2643 v4 @ 3.40GHz	13475	245	7.46	\$1,807.20

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Intel Xeon E5-2648L @ 1.80GHz	6698	709	NA	NA
Intel Xeon E5-2648L v2 @ 1.90GHz	11381	302	7.70	\$1,479.00*
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	301	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	238	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	206	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10257	365	186.56	\$54.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2650 v2 @ 2.60GHz	11770	291	134.38	\$87.59
Intel Xeon E5-2650 v3 @ 2.30GHz	14880	203	148.81	\$99.99
Intel Xeon E5-2650 v4 @ 2.20GHz	15587	181	15.45	\$1,009.00*
Intel Xeon E5-2650L @ 1.80GHz	8483	524	113.11	\$75.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	397	135.25	\$73.05*
Intel Xeon E5-2650L v3 @ 1.80GHz	13341	250	57.45	\$232.22*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	225	26.10	\$539.99
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	307	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9632	425	6.59	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13667	237	75.93	\$179.99*
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	156	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	17275	139	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11265	308	98.82	\$114.00*
Intel Xeon E5-2660 v2 @ 2.20GHz	13171	253	94.76	\$139.00
Intel Xeon E5-2660 v3 @ 2.60GHz	16815	145	44.26	\$379.95
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	144	11.82	\$1,428.29
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	227	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11757	292	143.40	\$81.99
Intel Xeon E5-2667 @ 2.90GHz	10677	338	221.24	\$48.26
Intel Xeon E5-2667 v2 @ 3.30GHz	13441	246	70.75	\$189.99
Intel Xeon E5-2667 v3 @ 3.20GHz	16001	166	48.49	\$329.99
Intel Xeon E5-2667 v4 @ 3.20GHz	16631	149	6.76	\$2,459.95*
Intel Xeon E5-2669 v3 @ 2.30GHz	16107	163	NA	NA
Intel Xeon E5-2670 @ 2.60GHz	10506	348	79.41	\$132.31
Intel Xeon E5-2670 v2 @ 2.50GHz	15026	195	96.95	\$154.99
Intel Xeon E5-2670 v3 @ 2.30GHz	16808	146	108.45	\$154.99
Intel Xeon E5-2673 v2 @ 3.30GHz	15642	177	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2673 v3 @ 2.40GHz	16412	151	23.45	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21300	78	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15137	191	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17687	132	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17040	143	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	43	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	11311	306	147.71	\$76.58
Intel Xeon E5-2680 v2 @ 2.80GHz	15894	170	90.82	\$175.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18471	119	97.22	\$189.99
Intel Xeon E5-2680 v4 @ 2.40GHz	19709	102	13.06	\$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	89	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17346	138	42.51	\$408.00
Intel Xeon E5-2683 v4 @ 2.10GHz	18863	115	41.01	\$460.00
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	196	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	110	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	98	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14323	218	25.13	\$569.95
Intel Xeon E5-2687W v2 @ 3.40GHz	16255	157	48.52	\$335.00*
Intel Xeon E5-2687W v3 @ 3.10GHz	17781	131	29.20	\$608.99*
Intel Xeon E5-2687W v4 @ 3.00GHz	19899	97	9.15	\$2,174.99*
Intel Xeon E5-2689 @ 2.60GHz	11797	290	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	99	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2690 @ 2.90GHz	13736	236	162.54	\$84.51
Intel Xeon E5-2690 v2 @ 3.00GHz	15075	192	69.82	\$215.93*
Intel Xeon E5-2690 v3 @ 2.60GHz	18065	128	80.29	\$225.00
Intel Xeon E5-2690 v4 @ 2.60GHz	21167	82	9.75	\$2,169.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	165	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	16041	164	61.94	\$258.99
Intel Xeon E5-2695 v3 @ 2.30GHz	19710	101	40.31	\$489.00
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	92	3.49	\$5,808.00*
Intel Xeon E5-2696 v2 @ 2.50GHz	16245	158	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22096	68	8.85	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	81	7.05	\$3,009.95*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2697 v2 @ 2.70GHz	17189	140	62.06	\$276.99
Intel Xeon E5-2697 v3 @ 2.60GHz	21386	77	35.06	\$609.99*
Intel Xeon E5-2697 v4 @ 2.30GHz	21435	75	7.66	\$2,798.95
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	65	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	83	28.47	\$739.00
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	71	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22340	67	18.48	\$1,208.99
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	61	11.31	\$2,072.50
Intel Xeon E5-2699A v4 @ 2.40GHz	22948	63	4.65	\$4,938.00*
Intel Xeon E5-4603 @ 2.00GHz	5014	949	52.21	\$96.04*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	461	NA	NA
Intel Xeon E5-4610 @ 2.40GHz	9552	429	7.81	\$1,223.00*
Intel Xeon E5-4610 v3 @ 1.70GHz	8853	496	7.26	\$1,219.00*
Intel Xeon E5-4617 @ 2.90GHz	9313	454	103.59	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	9248	460	68.91	\$134.21*
Intel Xeon E5-4627 v2 @ 3.30GHz	12638	264	24.83	\$508.95*
Intel Xeon E5-4627 v3 @ 2.60GHz	14615	208	6.09	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15536	182	6.98	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10807	331	3.96	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	261	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	313	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11685	297	166.95	\$69.99*
Intel Xeon E5-4650L @ 2.60GHz	12145	281	164.17	\$73.98*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	274	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15531	183	11.10	\$1,399.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	173	3.30	\$4,800.00*
Intel Xeon E5-4667 v3 @ 2.00GHz	16388	153	2.86	\$5,729.00*
Intel Xeon E5-4669 v3 @ 2.10GHz	19615	106	3.63	\$5,400.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	241	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1368	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2154	1714	93.69	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1604	247.91	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1681	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	2080	98.18	\$14.27*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5240 @ 3.00GHz	2424	1607	27.30	\$88.78*
Intel Xeon E5310 @ 1.60GHz	2214	1691	45.18	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1655	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1575	141.42	\$17.77*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5345 @ 2.33GHz	2886	1454	72.17	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2835	1466	70.96	\$39.95*
Intel Xeon E5410 @ 2.33GHz	3261	1314	15.61	\$208.95*
Intel Xeon E5420 @ 2.50GHz	3475	1261	55.20	\$62.95*
Intel Xeon E5430 @ 2.66GHz	3009	1404	19.42	\$154.95*
Intel Xeon E5440 @ 2.83GHz	3953	1159	39.93	\$99.00*
Intel Xeon E5450 @ 3.00GHz	2809	1473	9.40	\$298.94*
Intel Xeon E5462 @ 2.80GHz	3872	1171	141.83	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4083	1136	135.92	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	2097	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1381	2094	4.81	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2668	1520	38.14	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2975	1420	47.21	\$63.01*
Intel Xeon E5507 @ 2.27GHz	3125	1364	6.84	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4373	1076	90.15	\$48.51*
Intel Xeon E5530 @ 2.40GHz	4493	1052	345.62	\$13.00*
Intel Xeon E5540 @ 2.53GHz	4756	993	80.61	\$59.00*
Intel Xeon E5603 @ 1.60GHz	2364	1631	18.32	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3058	1392	42.95	\$71.20
Intel Xeon E5607 @ 2.27GHz	3371	1285	48.71	\$69.21*
Intel Xeon E5620 @ 2.40GHz	4769	991	80.84	\$58.99*
Intel Xeon E5630 @ 2.53GHz	5055	938	144.43	\$35.00*
Intel Xeon E5640 @ 2.67GHz	5250	909	77.66	\$67.60*
Intel Xeon E5645 @ 2.40GHz	6415	747	78.90	\$81.31*
Intel Xeon E5649 @ 2.53GHz	6836	693	65.69	\$104.07*
Intel Xeon E7320 @ 2.13GHz	2413	1611	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7735	599	40.08	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9363	450	44.59	\$209.99
Intel Xeon E-2124G @ 3.40GHz	9891	396	40.71	\$242.99

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2126G @ 3.30GHz	13650	239	45.50	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10882	326	40.31	\$269.99
Intel Xeon E-2136 @ 3.30GHz	15640	178	52.31	\$298.99
Intel Xeon E-2144G @ 3.60GHz	10776	333	31.86	\$338.28*
Intel Xeon E-2146G @ 3.50GHz	15622	179	46.91	\$332.99
Intel Xeon E-2174G @ 3.80GHz	12302	272	31.15	\$394.99
Intel Xeon E-2176G @ 3.70GHz	15047	194	37.34	\$402.99
Intel Xeon E-2176M @ 2.70GHz	13551	242	30.11	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	15884	171	30.26	\$524.99*
Intel Xeon E-2186M @ 2.90GHz	14459	213	23.21	\$623.00*
Intel Xeon E-2224 @ 3.40GHz	10093	377	50.97	\$198.00*
Intel Xeon E-2224G @ 3.50GHz	9913	393	45.47	\$218.00*
Intel Xeon E-2226G @ 3.40GHz	13244	251	50.94	\$260.00*
Intel Xeon E-2236 @ 3.40GHz	15713	176	54.37	\$289.00*
Intel Xeon E-2244G @ 3.80GHz	12782	259	46.99	\$272.00*
Intel Xeon E-2246G @ 3.60GHz	15294	188	49.18	\$311.00*
Intel Xeon E-2254ML @ 1.70GHz	9458	437	NA	NA
Intel Xeon E-2274G @ 4.00GHz	12595	265	37.71	\$334.00*
Intel Xeon E-2276G @ 3.80GHz	14946	201	41.29	\$362.00*
Intel Xeon E-2276M @ 2.80GHz	14397	215	31.99	\$450.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2278G @ 3.40GHz	17670	133	35.77	\$494.00*
Intel Xeon E-2278GEL @ 2.00GHz	13914	231	28.17	\$494.00*
Intel Xeon E-2286G @ 4.00GHz	16671	148	37.05	\$450.00*
Intel Xeon E-2286M @ 2.40GHz	18161	125	29.15	\$623.00*
Intel Xeon E-2288G @ 3.70GHz	19665	104	36.48	\$539.00*
Intel Xeon Gold 5117 @ 2.00GHz	16672	147	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16435	150	15.50	\$1,060.00
Intel Xeon Gold 5120 @ 2.20GHz	17625	134	11.29	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	126	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10923	324	8.60	\$1,269.99
Intel Xeon Gold 5218 @ 2.30GHz	20622	87	15.84	\$1,302.03
Intel Xeon Gold 6126 @ 2.60GHz	20264	91	11.04	\$1,834.95
Intel Xeon Gold 6128 @ 3.40GHz	14961	200	8.70	\$1,719.99

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 6130 @ 2.10GHz	19643	105	11.07	\$1,774.71
Intel Xeon Gold 6132 @ 2.60GHz	23907	56	11.07	\$2,160.00
Intel Xeon Gold 6134 @ 3.20GHz	18206	124	8.02	\$2,269.95
Intel Xeon Gold 6136 @ 3.00GHz	21034	84	7.92	\$2,654.82*
Intel Xeon Gold 6137 @ 3.90GHz	20413	90	NA	NA
Intel Xeon Gold 6138 @ 2.00GHz	25421	41	9.49	\$2,679.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	55	8.37	\$2,863.75
Intel Xeon Gold 6143 @ 2.80GHz	26128	36	NA	NA
Intel Xeon Gold 6144 @ 3.50GHz	19667	103	6.18	\$3,181.17*
Intel Xeon Gold 6146 @ 3.20GHz	24261	53	5.26	\$4,608.95*
Intel Xeon Gold 6148 @ 2.40GHz	25817	39	8.02	\$3,217.99
Intel Xeon Gold 6152 @ 2.10GHz	23498	59	6.18	\$3,799.99
Intel Xeon Gold 6154 @ 3.00GHz	27722	29	7.57	\$3,659.82*
Intel Xeon Gold 6210U @ 2.50GHz	28560	24	13.87	\$2,059.86*
Intel Xeon Gold 6212U @ 2.40GHz	28917	22	14.46	\$2,000.00*
Intel Xeon Gold 6230 @ 2.10GHz	24559	51	12.41	\$1,979.00
Intel Xeon Gold 6242 @ 2.80GHz	25313	42	9.29	\$2,723.99
Intel Xeon Gold 6246 @ 3.30GHz	25734	40	7.13	\$3,609.00*
Intel Xeon Gold 6254 @ 3.10GHz	30018	18	8.32	\$3,610.00
Intel Xeon L3110 @ 3.00GHz	2273	1664	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1196	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2118	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3943	1163	8.82	\$447.01*
Intel Xeon L5240 @ 3.00GHz	2271	1666	72.32	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1663	20.21	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1720	30.50	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1497	146.67	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3017	1402	NA	NA
Intel Xeon L5410 @ 2.33GHz	3358	1287	33.55	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3492	1257	126.98	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3721	1203	23.56	\$157.95*
Intel Xeon L5520 @ 2.27GHz	4324	1087	48.07	\$89.95*
Intel Xeon L5530 @ 2.40GHz	4389	1073	227.88	\$19.26*
Intel Xeon L5609 @ 1.87GHz	3298	1306	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5630 @ 2.13GHz	4338	1083	206.67	\$20.99*
Intel Xeon L5638 @ 2.00GHz	5590	851	79.97	\$69.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5639 @ 2.13GHz	6869	690	NA	NA
Intel Xeon L5640 @ 2.27GHz	6243	764	74.89	\$83.36*
Intel Xeon L7455 @ 2.13GHz	3836	1179	NA	NA
Intel Xeon MV 3.20GHz	683	2464	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26835	32	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	680	NA	NA
Intel Xeon Platinum 8160 @ 2.10GHz	24241	54	5.40	\$4,489.00*
Intel Xeon Platinum 8168 @ 2.70GHz	29131	20	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	23	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	27	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	24434	52	2.80	\$8,725.00*
Intel Xeon Platinum 8259CL @ 2.50GHz	27896	28	NA	NA
Intel Xeon Platinum 8268 @ 2.90GHz	31689	14	5.28	\$6,005.98*
Intel Xeon Silver 4108 @ 1.80GHz	9903	394	22.51	\$439.99
Intel Xeon Silver 4109T @ 2.00GHz	10908	325	21.77	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11700	295	25.94	\$451.00
Intel Xeon Silver 4112 @ 2.60GHz	8217	546	16.37	\$501.99
Intel Xeon Silver 4114 @ 2.20GHz	14360	216	22.44	\$640.00
Intel Xeon Silver 4116 @ 2.10GHz	15509	184	14.86	\$1,043.47
Intel Xeon Silver 4123 @ 3.00GHz	15185	190	NA	NA
Intel Xeon Silver 4208 @ 2.10GHz	13116	254	14.43	\$908.95
Intel Xeon Silver 4210 @ 2.20GHz	15898	169	27.94	\$569.00
Intel Xeon Silver 4214 @ 2.20GHz	17532	136	21.62	\$810.98
Intel Xeon Silver 4215 @ 2.50GHz	15200	189	15.89	\$956.57*
Intel Xeon Silver 4216 @ 2.10GHz	19538	107	17.62	\$1,108.95*
Intel Xeon W3503 @ 2.40GHz	1758	1900	175.98	\$9.99*
Intel Xeon W3505 @ 2.53GHz	1842	1866	74.09	\$24.86*
Intel Xeon W3520 @ 2.67GHz	4937	958	102.85	\$48.00*
Intel Xeon W3530 @ 2.80GHz	5212	915	17.73	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5395	884	270.83	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5560	857	185.40	\$29.99*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W3565 @ 3.20GHz	5765	825	288.39	\$19.99*
Intel Xeon W3570 @ 3.20GHz	6032	796	12.57	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6167	774	28.75	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8016	562	16.03	\$499.99*
Intel Xeon W3680 @ 3.33GHz	8889	492	82.31	\$107.99
Intel Xeon W3690 @ 3.47GHz	7919	574	40.61	\$195.01*
Intel Xeon W5580 @ 3.20GHz	5836	815	84.59	\$68.99*
Intel Xeon W5590 @ 3.33GHz	6070	792	73.14	\$82.99*
Intel Xeon W-2102 @ 2.90GHz	6977	675	24.31	\$286.99*
Intel Xeon W-2104 @ 3.20GHz	7418	636	29.09	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	9401	446	28.45	\$330.44
Intel Xeon W-2125 @ 4.00GHz	12309	271	15.20	\$809.95
Intel Xeon W-2133 @ 3.60GHz	14405	214	23.35	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16305	155	16.26	\$1,002.80*
Intel Xeon W-2140B @ 3.20GHz	18620	116	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19362	109	15.97	\$1,212.69
Intel Xeon W-2150B @ 3.00GHz	21434	76	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21234	80	13.88	\$1,530.39*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2170B @ 2.50GHz	24561	50	NA	NA
Intel Xeon W-2175 @ 2.50GHz	24589	48	11.86	\$2,073.34*
Intel Xeon W-2195 @ 2.30GHz	24758	47	8.33	\$2,970.83
Intel Xeon W-3175X @ 3.10GHz	33538	9	10.89	\$3,078.90
Intel Xeon W-3235 @ 3.30GHz	24854	46	16.25	\$1,529.34
Intel Xeon W-3265 @ 2.70GHz	32235	13	7.08	\$4,551.37*
Intel Xeon W-3275M @ 2.50GHz	34638	8	4.65	\$7,453.00*
Intel Xeon X3210 @ 2.13GHz	2739	1503	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3089	1378	51.35	\$60.15*
Intel Xeon X3230 @ 2.66GHz	3391	1278	47.43	\$71.50*
Intel Xeon X3320 @ 2.50GHz	3306	1305	14.41	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3177	1344	164.10	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3340	1296	15.90	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1183	63.68	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1175	52.42	\$73.50*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3360 @ 2.83GHz	3925	1164	24.85	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3981	1152	116.78	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4284	1096	11.67	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4600	1027	9.02	\$509.95*
Intel Xeon X3430 @ 2.40GHz	2903	1447	90.76	\$31.99*
Intel Xeon X3440 @ 2.53GHz	4509	1044	31.76	\$141.96*
Intel Xeon X3450 @ 2.67GHz	4744	998	59.34	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5142	926	14.40	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5328	898	33.31	\$159.95*
Intel Xeon X3480 @ 3.07GHz	5629	844	NA	NA
Intel Xeon X5260 @ 3.33GHz	2448	1601	45.33	\$54.00*
Intel Xeon X5270 @ 3.50GHz	2553	1560	NA	NA
Intel Xeon X5272 @ 3.40GHz	2425	1606	17.32	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3150	1355	10.16	\$309.95*
Intel Xeon X5365 @ 3.00GHz	3549	1239	45.51	\$77.99*
Intel Xeon X5450 @ 3.00GHz	3341	1294	55.73	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4318	1088	43.28	\$99.78*
Intel Xeon X5470 @ 3.33GHz	4566	1030	24.16	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4001	1148	17.78	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4528	1041	45.28	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4846	977	3.48	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5270	906	17.29	\$304.85*
Intel Xeon X5560 @ 2.80GHz	5389	885	158.55	\$33.99*
Intel Xeon X5570 @ 2.93GHz	5600	850	23.34	\$239.95*
Intel Xeon X5647 @ 2.93GHz	5797	818	290.87	\$19.93*
Intel Xeon X5650 @ 2.67GHz	7269	649	72.73	\$99.95*
Intel Xeon X5660 @ 2.80GHz	7533	616	215.29	\$34.99
Intel Xeon X5667 @ 3.07GHz	6200	769	265.75	\$23.33*
Intel Xeon X5670 @ 2.93GHz	7795	589	234.22	\$33.28
Intel Xeon X5672 @ 3.20GHz	6461	738	143.61	\$44.99*
Intel Xeon X5675 @ 3.07GHz	7261	651	158.26	\$45.88
Intel Xeon X5677 @ 3.47GHz	6755	702	242.46	\$27.86*
Intel Xeon X5679 @ 3.20GHz	8958	487	NA	NA
Intel Xeon X5680 @ 3.33GHz	8353	535	120.55	\$69.29

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon X5687 @ 3.60GHz</u>	6957	678	<u>42.86</u>	<u>\$162.32</u>
<u>Intel Xeon X5690 @ 3.47GHz</u>	7916	575	<u>67.09</u>	<u>\$118.00</u>
<u>Intel Xeon X5698 @ 4.40GHz</u>	4272	1097	NA	NA
<u>Intel Xeon X6550 @ 2.00GHz</u>	2977	1417	NA	NA
<u>Mobile AMD Athlon 4 2400+</u>	358	2657	NA	NA
<u>Mobile AMD Athlon 64 3200+</u>	448	2579	NA	NA
<u>Mobile AMD Athlon 64 3400+</u>	511	2536	NA	NA
<u>Mobile AMD Athlon 64 3700+</u>	435	2590	NA	NA
<u>Mobile AMD Athlon 64 4000+</u>	576	2504	NA	NA
<u>Mobile AMD Athlon 2500+</u>	370	2644	NA	NA
<u>Mobile AMD Athlon MP-M 1800+</u>	265	2741	NA	NA
<u>Mobile AMD Athlon MP-M 2400+</u>	295	2717	NA	NA
<u>Mobile AMD Athlon XP-M 1600+</u>	260	2743	NA	NA
<u>Mobile AMD Athlon XP-M 1800+</u>	297	2714	NA	NA
<u>Mobile AMD Athlon XP-M 2000+</u>	300	2709	NA	NA
<u>Mobile AMD Athlon XP-M 2200+</u>	364	2653	NA	NA
<u>Mobile AMD Athlon XP-M 2400+</u>	346	2664	NA	NA
<u>Mobile AMD Athlon XP-M 2500+</u>	346	2666	NA	NA
<u>Mobile AMD Athlon XP-M 2600+</u>	370	2643	NA	NA
<u>Mobile AMD Athlon XP-M 2800+</u>	365	2650	NA	NA
<u>Mobile AMD Athlon XP-M 3000+</u>	365	2649	NA	NA
<u>Mobile AMD Sempron 2100+</u>	252	2748	NA	NA
<u>Mobile AMD Sempron 2600+</u>	394	2624	NA	NA
<u>Mobile AMD Sempron 2800+</u>	364	2652	NA	NA
<u>Mobile AMD Sempron 3000+</u>	389	2633	NA	NA
<u>Mobile AMD Sempron 3100+</u>	416	2601	NA	NA
<u>Mobile AMD Sempron 3200+</u>	354	2660	NA	NA
<u>Mobile AMD Sempron 3300+</u>	446	2583	NA	NA
<u>Mobile AMD Sempron 3400+</u>	441	2584	NA	NA
<u>Mobile AMD Sempron 3500+</u>	408	2609	NA	NA
<u>Mobile AMD Sempron 3600+</u>	429	2595	NA	NA
<u>Mobile AMD Sempron 3800+</u>	485	2550	NA	NA
<u>Mobile Intel Celeron 1 70GHz</u>	181	2799	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Celeron 1.80GHz	186	2796	NA	NA
Mobile Intel Celeron 2.00GHz	204	2785	NA	NA
Mobile Intel Celeron 2.20GHz	226	2769	NA	NA
Mobile Intel Celeron 2.40GHz	236	2763	NA	NA
Mobile Intel Celeron 1333MHz	280	2730	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2731	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2690	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2671	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2658	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2586	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2806	1.05	\$164.00
Mobile Intel Pentium 4 - M 1.80GHz	175	2804	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2788	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2791	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2780	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2790	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium III - M 1200MHz	224	2770	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1582	NA	NA
Quad-Core AMD Opteron 1385	3442	1268	63.74	\$54.00*
Quad-Core AMD Opteron 1389	3446	1267	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1437	NA	NA
VIA C7-D 1800MHz	203	2787	NA	NA
VIA C7-M 1200MHz	140	2815	NA	NA
VIA C7-M 1600MHz	178	2801	NA	NA
VIA C7-M 6300MHz	222	2772	NA	NA
VIA Eden 1000MHz	123	2823	NA	NA
VIA Eden 1200MHz	142	2814	NA	NA
VIA Eden C1050@1.06GHz	352	2662	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	499	2543	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1262	2165	NA	NA
VIA Esther 1000MHz	146	2813	NA	NA
VIA Esther 1500MHz	195	2792	NA	NA
VIA Nano I 2007 @ 1600MHz	369	2645	NA	NA

CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>VIA Nano L2100@1800MHz</u>	428	2596	NA	NA
<u>VIA Nano L2207 @1600MHz</u>	296	2716	NA	NA
<u>VIA Nano U2250 (1.6GHz Capable)</u>	415	2602	NA	NA
<u>VIA Nano U2250@1300+MHz</u>	274	2734	NA	NA
<u>VIA Nano U2500@1200MHz</u>	306	2699	NA	NA
<u>VIA Nano U3500@1000MHz</u>	272	2735	NA	NA
<u>VIA Nano X2 U4025 @ 1.2 GHz</u>	605	2491	NA	NA
<u>VIA Nehemiah</u>	155	2810	NA	NA
<u>VIA QuadCore C4650@2.0GHz</u>	1897	1838	NA	NA
<u>VIA QuadCore L4700 @ 1.2+ GHz</u>	1363	2103	NA	NA
<u>VIA QuadCore U4650 @ 1.0+ GHz</u>	1173	2214	NA	NA
<u>ZHAOXIN KaiXian KX-U6780A@2.7GHz</u>	5760	826	NA	NA
<u>ZHAOXIN KaiXian ZX-C+ C4700@2.0GHz</u>	2069	1752	NA	NA

* - Last price seen from our affiliates.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	352	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	164	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	457	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	464	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	511	NA	NA
[Dual CPU] AMD EPYC 7251	12955	225	15.35	\$843.96
[Dual CPU] AMD EPYC 7261	12430	231	8.75	\$1,419.98
[Dual CPU] AMD EPYC 7281	15152	193	14.64	\$1,034.76
[Dual CPU] AMD EPYC 7302	32495	37	15.18	\$2,139.98
[Dual CPU] AMD EPYC 7371	19370	145	6.25	\$3,100.00*
[Dual CPU] AMD EPYC 7401	23518	90	6.54	\$3,595.58
[Dual CPU] AMD EPYC 7451	28957	54	13.13	\$2,206.18
[Dual CPU] AMD EPYC 7501	28991	53	4.44	\$6,529.16*
[Dual CPU] AMD EPYC 7542	46721	3	6.04	\$7,730.90
[Dual CPU] AMD EPYC 7551	31452	41	3.04	\$10,351.38
[Dual CPU] AMD EPYC 7601	33545	33	4.66	\$7,194.00
[Dual CPU] AMD EPYC 7742	55574	1	6.02	\$9,236.26
[Dual CPU] AMD Opteron 246	1130	500	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	501	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	496	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	497	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	506	NA	NA
[Dual CPU] AMD Opteron 256	1853	493	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	491	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	487	4.28	\$519.90
[Dual CPU] AMD Opteron 275	2133	490	26.70	\$79.90
[Dual CPU] AMD Opteron 280	2452	481	18.86	\$130.00*
[Dual CPU] AMD Opteron 285	2769	471	17.32	\$159.90
[Dual CPU] AMD Opteron 290	2716	473	10.06	\$270.00*
[Dual CPU] AMD Opteron 850	1410	498	0.47	\$3,028.00*
[Dual CPU] AMD Opteron 885	2851	466	NA	NA
[Dual CPU] AMD Opteron 2212	2203	488	55.08	\$40.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2214	2344	483	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	480	NA	NA
[Dual CPU] AMD Opteron 2216	2526	477	47.13	\$53.60*
[Dual CPU] AMD Opteron 2216 HE	2593	476	NA	NA
[Dual CPU] AMD Opteron 2218	2732	472	17.09	\$159.90
[Dual CPU] AMD Opteron 2218 HE	2397	482	NA	NA
[Dual CPU] AMD Opteron 2220	2839	467	17.75	\$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	465	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	461	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	455	45.30	\$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	446	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	452	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	447	25.50	\$159.90*
[Dual CPU] AMD Opteron 2354	4554	434	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	437	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	416	73.82	\$72.00
[Dual CPU] AMD Opteron 2373 EE	4164	442	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	430	36.92	\$130.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2376	5238	418	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	415	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5261	417	58.46	\$90.00
[Dual CPU] AMD Opteron 2384	5449	410	3.24	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	389	NA	NA
[Dual CPU] AMD Opteron 2389	5677	403	48.11	\$118.00*
[Dual CPU] AMD Opteron 2419	5191	420	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	390	NA	NA
[Dual CPU] AMD Opteron 2427	5964	399	45.88	\$130.00
[Dual CPU] AMD Opteron 2431	6438	380	92.00	\$69.98
[Dual CPU] AMD Opteron 2435	7053	366	54.25	\$130.00
[Dual CPU] AMD Opteron 2439 SE	8071	335	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	448	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	405	24.58	\$229.90*
[Dual CPU] AMD Opteron 4170 HF	6344	383	53.76	\$118.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 4180	6367	382	7.77	\$819.90*
[Dual CPU] AMD Opteron 4184	7813	341	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	334	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	337	NA	NA
[Dual CPU] AMD Opteron 4234	8953	311	19.46	\$459.98*
[Dual CPU] AMD Opteron 4274 HE	6797	373	84.98	\$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	294	NA	NA
[Dual CPU] AMD Opteron 4280	4525	435	45.25	\$100.00*
[Dual CPU] AMD Opteron 4284	9151	303	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9462	301	21.86	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	272	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	279	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11410	252	40.75	\$279.98*
[Dual CPU] AMD Opteron 6128	6811	372	179.33	\$37.98
[Dual CPU] AMD Opteron 6128 HE	5582	408	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	318	NA	NA
[Dual CPU] AMD Opteron 6134	7586	354	86.22	\$87.98*
[Dual CPU] AMD Opteron 6136	7255	360	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	422	NA	NA
[Dual CPU] AMD Opteron 6168	7741	348	6.67	\$1,159.90
[Dual CPU] AMD Opteron 6172	7621	353	19.24	\$396.00*
[Dual CPU] AMD Opteron 6174	7783	343	59.87	\$130.00
[Dual CPU] AMD Opteron 6176 SE	8448	325	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	458	16.40	\$189.90
[Dual CPU] AMD Opteron 6204	7134	362	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	314	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10558	268	88.00	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	286	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	275	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	9818	290	70.14	\$139.98
[Dual CPU] AMD Opteron 6274	10536	269	117.09	\$89.98
[Dual CPU] AMD Opteron 6275	10900	265	NA	NA
[Dual CPU] AMD Opteron 6276	10101	285	29.88	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	245	17.12	\$699.98*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6308	8349	326	13.47	\$619.96
[Dual CPU] AMD Opteron 6320	10716	267	20.88	\$513.18
[Dual CPU] AMD Opteron 6328	12013	244	16.73	\$718.00
[Dual CPU] AMD Opteron 6344	11144	258	14.32	\$778.00*
[Dual CPU] AMD Opteron 6348	11412	251	18.64	\$612.20
[Dual CPU] AMD Opteron 6366 HE	12147	237	202.52	\$59.98*
[Dual CPU] AMD Opteron 6376	10360	274	79.69	\$130.00
[Dual CPU] AMD Opteron 6378	9145	304	24.07	\$380.00
[Dual CPU] AMD Opteron 6380	14200	202	120.34	\$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	235	42.05	\$289.98
[Dual CPU] AMD Opteron 8218	2831	468	61.54	\$46.00*
[Dual CPU] AMD Opteron 8220	2510	479	15.70	\$159.90
[Dual CPU] AMD Opteron 8222 SE	2793	470	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	456	64.46	\$50.00
[Dual CPU] AMD Opteron 8380	5643	406	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	419	NA	NA
[Dual CPU] AMD Opteron 8389	6517	378	41.25	\$158.00*
[Dual CPU] AMD Opteron 8431	5813	401	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	374	46.80	\$144.00*
[Dual CPU] AMD Opteron 8439 SE	7691	350	64.09	\$120.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	499	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	485	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	451	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	340	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	520	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	518	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	539	515	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	540	514	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	521	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	522	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel XEON 2.20GHz	453	519	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	517	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	512	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	679	508	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	770	507	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	510	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	505	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	885	504	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	927	503	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1854	492	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	502	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	489	30.53	\$70.00*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2315	484	0.71	\$3,239.98
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2623	475	26.77	\$97.98*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	459	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2974	463	59.50	\$49.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	460	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3406	453	12.17	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	2994	462	29.95	\$99.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8938	313	19.43	\$459.98
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11007	262	16.68	\$659.98
[Dual CPU] Intel Xeon Bronze 3204 @ 1.90GHz	10503	270	19.31	\$544.04*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	391	64.96	\$95.50*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	386	141.98	\$44.40*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	359	46.22	\$158.00
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	307	12.53	\$719.90*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11299	254	247.03	\$45.74
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	246	152.69	\$78.00
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	329	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13220	223	188.91	\$69.98

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13986	205	85.29	\$163.98*
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	10818	266	167.57	\$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	13554	216	NA	NA
[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	12419	232	155.28	\$79.98
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	226	142.82	\$90.00
[Dual CPU] Intel Xeon E5-2448L @ 1.80GHz	11334	253	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	14051	204	100.38	\$139.98*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16397	178	45.80	\$357.98
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11807	247	147.59	\$80.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	13442	217	73.46	\$182.98
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	154	29.96	\$619.98
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6324	385	66.08	\$95.70*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6613	376	55.12	\$119.98*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8289	330	70.25	\$118.00
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8956	310	19.97	\$448.40*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8152	333	145.62	\$55.98*
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	9041	306	31.17	\$290.04
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	287	47.29	\$212.06*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	11010	261	15.30	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12191	236	230.02	\$53.00
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13186	224	91.54	\$144.04
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	13931	206	174.18	\$79.98
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16439	176	20.57	\$799.30
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14411	200	59.55	\$242.00*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	11703	249	10.66	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	198	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13423	219	168.04	\$79.88*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15932	182	232.65	\$68.48
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18801	152	94.01	\$200.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18772	153	16.79	\$1,118.00
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11172	257	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	211	184.57	\$74.26*
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	191	15.82	\$959.80*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7706	349	4.35	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15900	183	83.69	\$189.98
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	15174	192	44.63	\$339.98*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16603	175	3.76	\$4,417.90
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14649	196	87.50	\$167.42
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 v2 @ 2.00GHz	14553	199	182.96	\$79.54*
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19504	142	121.93	\$159.96
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	16071	180	8.09	\$1,985.98
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13662	212	133.97	\$101.98
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20756	128	86.49	\$239.98
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	20724	129	39.86	\$519.98
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21533	116	5.96	\$3,614.40
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12399	233	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	208	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	159	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	14179	203	128.95	\$109.96
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18814	151	107.40	\$175.18

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20121	134	100.62	\$199.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20809	126	10.31	\$2,018.00*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	13621	214	90.81	\$150.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	13788	209	94.37	\$146.10*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	123	19.37	\$1,079.98
[Dual CPU] Intel Xeon E5-2652 v3 @ 2.30GHz	19588	140	8.36	\$2,342.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13859	207	4.74	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18901	150	52.51	\$359.98*
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	144	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	163	4.85	\$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16409	177	71.97	\$228.00*
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17868	162	64.27	\$278.00
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22475	106	29.58	\$759.90
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23105	97	8.09	\$2,856.58
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23144	96	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	16943	170	103.32	\$163.98
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	82	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16369	179	169.59	\$96.52
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22742	101	59.85	\$379.98
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22630	103	34.29	\$659.98
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22525	105	4.58	\$4,919.90*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	17040	169	64.39	\$264.62
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20646	130	66.60	\$309.98
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22475	107	72.50	\$309.98
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	93	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	21348	119	15.25	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	72	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	20032	136	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	20856	125	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	47	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18540	157	121.05	\$153.16
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21562	115	61.61	\$350.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	25157	80	66.21	\$379.98
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22761	100	7.54	\$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	171	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21237	121	26.03	\$816.00
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24666	85	26.81	\$920.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	112	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26907	69	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	57	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20779	127	18.23	\$1,139.90
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23311	95	34.79	\$670.00*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24293	87	19.95	\$1,217.98*
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26679	70	6.13	\$4,349.98*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	18517	158	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	25703	78	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19623	139	116.10	\$169.02
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23510	92	54.44	\$431.86*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25718	77	57.15	\$450.00
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27562	63	6.35	\$4,339.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	22847	99	44.11	\$517.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24625	86	25.18	\$978.00
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	26592	71	2.29	\$11,616.00*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23518	91	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30745	45	6.15	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31774	40	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23101	98	41.70	\$553.98
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27383	66	22.45	\$1,219.98*
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30440	46	5.44	\$5,597.90
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	29346	51	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	28299	61	19.15	\$1,478.00
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	44	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	38	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	88	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26963	68	11.15	\$2,417.98
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	29	8.21	\$4,145.00
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	22222	111	NA	NA
[Dual CPU] Intel Xeon E5-4610 v2 @ 2.30GHz	10937	264	4.49	\$2,438.00*
[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz	15383	188	85.56	\$179.80*
[Dual CPU] Intel Xeon E5-4620 v3 @ 2.00GHz	16684	174	5.00	\$3,336.00*
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	143	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	184	2.91	\$5,460.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	147	35.31	\$544.08*
[Dual CPU] Intel Xeon E5-4640 v3 @ 1.90GHz	20468	131	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	141	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18565	155	132.63	\$139.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	194	1.94	\$7.676.00*
[Dual CPU] Intel Xeon E5-4650 v4 @ 2.20GHz	21855	114	2.85	\$7.676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	13742	210	92.88	\$147.96*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	108	2.34	\$9.600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	65	2.54	\$10.800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	238	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	187	NA	NA
[Dual CPU] Intel Xeon E7-4830 @ 2.13GHz	9539	300	147.66	\$64.60*
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	109	1.81	\$12.400.00*
[Dual CPU] Intel Xeon E7-8860 @ 2.27GHz	9298	302	1.14	\$8.122.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	243	1.42	\$8.454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15263	190	40.38	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10965	263	27.41	\$399.98*
[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz	10207	283	1.02	\$10.017.02*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	486	79.85	\$28.54*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	449	22.74	\$177.56*
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3554	450	36.27	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4155	443	53.61	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	425	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	433	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	4148	444	51.86	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5126	421	64.16	\$79.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6007	397	14.37	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6329	384	50.27	\$125.90*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7120	363	35.96	\$198.00*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	6261	388	10.47	\$597.88*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7083	365	129.73	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7774	344	129.39	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2511	478	13.22	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2805	469	4.89	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4870	429	34.81	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4992	424	39.61	\$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5414	412	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	6051	396	62.37	\$97.02*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7565	355	290.96	\$26.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7691	351	65.18	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	445	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	409	38.66	\$142.40
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5916	400	42.74	\$138.42*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	7976	338	67.60	\$117.98*
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8331	327	119.01	\$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8616	321	63.73	\$135.20*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10228	281	62.90	\$162.62*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10268	278	49.33	\$208.14*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	411	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	414	29.87	\$179.98*
[Dual CPU] Intel Xeon E7540 @ 2.00GHz	6738	375	210.96	\$31.94*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	113	9.92	\$2,218.00
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21437	117	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	120	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22300	110	10.52	\$2,120.00
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	81	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17546	165	6.91	\$2,539.98
[Dual CPU] Intel Xeon Gold 5215 @ 2.50GHz	22537	104	9.23	\$2,442.00*
[Dual CPU] Intel Xeon Gold 5217 @ 3.00GHz	23367	94	7.68	\$3,044.00*
[Dual CPU] Intel Xeon Gold 5218 @ 2.30GHz	17384	167	6.68	\$2,604.06
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	67	10.14	\$2,698.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	28658	58	8.10	\$3,539.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	18921	149	7.12	\$2,657.06*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28610	59	7.80	\$3,669.90
[Dual CPU] Intel Xeon Gold 6126T @ 2.60GHz	20391	132	5.47	\$3,730.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22725	102	6.61	\$3,439.98
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26366	73	7.43	\$3,549.42
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	64	6.37	\$4,320.00
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	24851	83	5.47	\$4,539.90
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29725	49	5.60	\$5,309.64*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	62	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	33941	30	6.33	\$5,359.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32761	36	5.72	\$5,727.50
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	55	4.70	\$6,139.98
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	29907	48	NA	NA
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28802	56	4.53	\$6,362.34*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29655	50	3.22	\$9,217.90*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36724	23	5.71	\$6,435.98
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32941	35	5.01	\$6,569.90*
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33142	34	4.36	\$7,599.98
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	20	5.08	\$7,319.64*
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	25519	79	5.00	\$5,104.72*
[Dual CPU] Intel Xeon Gold 6240 @ 2.60GHz	37124	21	7.20	\$5,155.98
[Dual CPU] Intel Xeon Gold 6242 @ 2.80GHz	33730	32	6.19	\$5,447.98
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31282	42	5.11	\$6,120.00*
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	33741	31	4.67	\$7,218.00*
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38755	14	5.87	\$6,599.98
[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz	37405	17	4.18	\$8,954.10*
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	40219	12	5.57	\$7,220.00
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	436	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	440	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	427	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	407	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	393	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6437	381	117.04	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	395	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	426	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	369	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6970	368	38.74	\$179.90*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7553	356	196.08	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	6973	367	166.10	\$41.98*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8693	317	62.18	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9564	298	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9642	296	57.83	\$166.72*
[Dual CPU] Intel Xeon MP 2.50GHz	550	513	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	516	4.56	\$118.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	509	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	494	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36135	25	NA	NA
[Dual CPU] Intel Xeon Platinum 8153 @ 2.00GHz	19091	148	3.06	\$6,230.00*
[Dual CPU] Intel Xeon Platinum 8160 @ 2.10GHz	38364	15	4.27	\$8,978.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	37838	16	2.46	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	52	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39589	13	3.36	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36410	24	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	26	NA	NA
[Dual CPU] Intel Xeon Platinum 8176M @ 2.10GHz	37191	19	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	18	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Platinum 8260 @ 2.40GHz	44224	4	4.80	\$9,220.00*
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	10	3.42	\$12,011.96*

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Platinum 8275CL @ 3.00GHz	43870	7	NA	NA
[Dual CPU] Intel Xeon Platinum 8280 @ 2.70GHz	43943	6	2.20	\$20,018.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15699	186	17.84	\$879.98
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16855	173	18.69	\$902.00
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13327	221	13.27	\$1,003.98
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19362	146	15.13	\$1,280.00
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	118	10.27	\$2,086.94
[Dual CPU] Intel Xeon Silver 4208 @ 2.10GHz	17904	161	9.85	\$1,817.90
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	137	19.96	\$1,002.00*
[Dual CPU] Intel Xeon Silver 4210 @ 2.20GHz	20974	122	18.43	\$1,138.00
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz	24097	89	14.86	\$1,621.96
[Dual CPU] Intel Xeon Silver 4216 @ 2.10GHz	26171	75	11.80	\$2,217.90*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10019	288	72.61	\$137.98*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10242	280	61.71	\$165.98*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	277	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	431	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	432	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	428	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5730	402	9.24	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6194	392	39.71	\$155.98*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7444	357	62.07	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7794	342	39.06	\$199.56*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8051	336	21.30	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7769	345	17.26	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8159	332	40.80	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8653	319	3.11	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8731	315	14.32	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	8993	308	132.29	\$67.98*

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[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9649	295	242.07	\$39.86*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11226	256	56.16	\$199.90*
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	9779	291	139.74	\$69.98
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10226	282	219.16	\$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12058	240	181.16	\$66.56
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10293	276	114.39	\$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12087	239	131.72	\$91.76
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11142	259	199.96	\$55.72*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13428	218	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13337	220	96.24	\$138.58
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11750	248	36.19	\$324.64
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13599	215	57.62	\$236.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	324	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	377	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	316	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7542 @ 2.67GHz	8972	309	13.22	\$678.48*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	289	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11230	255	255.23	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	441	46.34	\$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	423	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	439	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	438	33.66	\$130.00
[Dual CPU] Quad-Core AMD Opteron 8378	5382	413	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	370	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	404	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	398	NA	NA
[Quad CPU] AMD Opteron 885	2695	474	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	328	NA	NA
[Quad CPU] AMD Opteron 6136	9767	292	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	322	33.05	\$260.00
[Quad CPU] AMD Opteron 6272	12292	234	43.91	\$279.96
[Quad CPU] AMD Opteron 6274	10488	271	58.28	\$179.96

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[Quad CPU] AMD Opteron 6276	15342	189	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	241	24.31	\$495.80
[Quad CPU] AMD Opteron 6282 SE	11044	260	4.31	\$2,560.00
[Quad CPU] AMD Opteron 6376	13257	222	50.99	\$260.00
[Quad CPU] AMD Opteron 6378	20859	124	27.45	\$760.00
[Quad CPU] AMD Opteron 6380	12553	229	53.19	\$236.00
[Quad CPU] AMD Opteron 8360 SE	6490	379	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	394	NA	NA
[Quad CPU] AMD Opteron 8382	8553	323	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	358	NA	NA
[Quad CPU] AMD Opteron 8431	8252	331	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	364	24.65	\$288.00*
[Quad CPU] AMD Opteron 8439 SE	8943	312	37.26	\$240.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	495	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	454	NA	NA
[Quad CPU] Intel Xeon E5-4603 v2 @ 2.20GHz	14395	201	6.53	\$2,204.00*
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	172	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	14669	195	27.32	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	213	42.59	\$319.96*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	84	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4640 @ 2.40GHz	19643	138	1.80	\$10,920.00*
[Quad CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	20036	135	18.41	\$1,088.16*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	17127	168	61.18	\$279.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	74	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650L @ 2.60GHz	18557	156	62.71	\$295.92*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	43	2.14	\$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	133	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4830 @ 2.13GHz	12824	227	99.26	\$129.20*
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 v2 @ 2.30GHz	16028	181	NA	NA

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[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	28	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	60	59.70	\$478.56*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	39	NA	NA
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	36830	22	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	14596	197	91.25	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17398	166	131.84	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15793	185	20.89	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	228	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	18000	160	0.90	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	6277	387	18.46	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	347	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	284	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9618	297	10.03	\$958.52*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	305	14.31	\$631.80*
[Quad CPU] Intel Xeon E7540 @ 2.00GHz	7945	339	124.37	\$63.88*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	76	5.15	\$5,079.96
[Quad CPU] Intel Xeon Gold 6140 @ 2.30GHz	43682	8	3.81	\$11,455.00
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	27	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	11	2.68	\$15,199.96
[Quad CPU] Intel Xeon Gold 6248 @ 2.50GHz	41863	9	3.17	\$13,199.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	293	NA	NA
[Quad CPU] Intel Xeon L7555 @ 1.87GHz	10406	273	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	5	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	299	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	242	4.24	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	320	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	250	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	12448	230	141.45	\$88.00*

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[Quad CPU] Quad-Core AMD Opteron 8356	7170	361	27.58	\$260.00

* - Last price seen from our affiliates.

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