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CPU Benchmarks

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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.

How does your CPU compare?
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Single CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2616	NA	NA
AMD A4 Micro-6400T APU	1544	1810	NA	NA
AMD A4 PRO-3340B	2402	1421	NA	NA
AMD A4 PRO-7300B APU	2338	1442	NA	NA
AMD A4 PRO-7350B	2794	1285	NA	NA
AMD A4-1200 APU	639	2294	NA	NA
AMD A4-1250 APU	618	2303	NA	NA
AMD A4-3300 APU	1504	1832	115.80	\$12.99
AMD A4-3300M APU	1185	1994	39.54	\$29.99*
AMD A4-3305M APU	1221	1977	40.71	\$30.00*
AMD A4-3310MX APU	1292	1932	NA	NA
AMD A4-3320M APU	1253	1960	36.88	\$34.00
AMD A4-3330MX APU	1218	1978	NA	NA
AMD A4-3400 APU	1595	1793	155.09	\$10.29
AMD A4-3420 APU	1677	1743	NA	NA
AMD A4-4000 APU	1822	1671	60.76	\$29.99
AMD A4-4020 APU	1918	1617	19.19	\$100.00
AMD A4-4300M APU	1609	1782	40.38	\$39.86
AMD A4-4355M APU	1175	1998	NA	NA
AMD A4-5000 APU	1908	1620	NA	NA
AMD A4-5050 APU	2113	1538	NA	NA
AMD A4-5100 APU	2037	1566	NA	NA
AMD A4-5150M APU	1844	1658	NA	NA
AMD A4-5300 APU	2011	1578	34.50	\$58.32*
AMD A4-5300B APU	2125	1532	55.94	\$38.00*
AMD A4-6210 APU	2155	1517	NA	NA
AMD A4-6250J APU	2556	1364	NA	NA
AMD A4-6300 APU	2222	1496	65.39	\$33.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-6300B APU	2129	1529	21.30	\$100.00*
AMD A4-6320 APU	2337	1443	33.40	\$69.99
AMD A4-7210 APU	2503	1388	NA	NA
AMD A4-7300 APU	2297	1462	30.73	\$74.75
AMD A4-9120	1913	1618	NA	NA
AMD A6 Micro-6500T APU	1834	1666	NA	NA
AMD A6 PRO-7050B APU	1616	1779	NA	NA
AMD A6 PRO-7400B	2690	1320	NA	NA
AMD A6-1450 APU	1519	1822	NA	NA
AMD A6-3400M APU	1886	1641	62.94	\$29.97*
AMD A6-3410MX APU	2053	1562	68.47	\$29.99*
AMD A6-3420M APU	2002	1582	NA	NA
AMD A6-3430MX APU	2225	1495	NA	NA
AMD A6-3500 APU	2011	1579	50.31	\$39.99
AMD A6-3600 APU	2703	1316	117.61	\$22.99*
AMD A6-3620 APU	2800	1283	46.68	\$59.99*
AMD A6-3650 APU	3156	1166	98.68	\$31.99
AMD A6-3670 APU	3190	1151	63.83	\$49.99
AMD A6-4400M APU	1635	1768	41.02	\$39.86*
AMD A6-4455M APU	1283	1940	NA	NA
AMD A6-5200 APU	2425	1411	NA	NA
AMD A6-5345M APU	1476	1842	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	1899	1628	44.05	\$43.12
AMD A6-5357M APU	1938	1606	NA	NA
AMD A6-5400B APU	2194	1506	20.89	\$105.04*
AMD A6-5400K APU	2150	1520	17.48	\$123.00
AMD A6-6310 APU	2444	1406	NA	NA
AMD A6-6400B APU	2281	1471	NA	NA
AMD A6-6400K APU	2302	1461	32.90	\$69.99
AMD A6-6420B APU	2612	1343	NA	NA
AMD A6-6420K APU	2361	1439	15.75	\$149.99*
AMD A6-7000	1671	1747	NA	NA
AMD A6-7310 APU	2667	1326	NA	NA
AMD A6-7400K APU	2783	1288	56.82	\$48.99
AMD A6-7470K	2727	1310	38.97	\$69.99
AMD A6-8500P	2202	1503	NA	NA
AMD A6-8550	3104	1179	NA	NA
AMD A6-9200	1688	1737	NA	NA
AMD A6-9210	1842	1660	NA	NA
AMD A6-9220	2190	1508	NA	NA
AMD A6-9220e	1600	1789	NA	NA
AMD A6-9225	2267	1478	NA	NA
AMD A6-9230	2102	1542	NA	NA
AMD A6-9500	2996	1214	52.73	\$56.82
AMD A6-9500E	2918	1244	48.65	\$59.99
AMD A8 PRO-7150B APU	2650	1330	NA	NA
AMD A8 PRO-7600B APU	4797	800	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-3500M APU	1972	1593	28.19	\$69.95
AMD A8-3510MX APU	2370	1433	NA	NA
AMD A8-3520M APU	2178	1511	NA	NA
AMD A8-3530MX APU	2375	1431	NA	NA
AMD A8-3550MX APU	2610	1344	NA	NA
AMD A8-3800 APU	3034	1203	53.25	\$56.99
AMD A8-3820 APU	3129	1173	25.03	\$124.99*
AMD A8-3850 APU	3467	1077	26.31	\$131.79*
AMD A8-3870K APU	3551	1055	71.04	\$49.99
AMD A8-4500M APU	2665	1327	NA	NA
AMD A8-4555M APU	2125	1533	NA	NA
AMD A8-5500 APU	3991	951	30.94	\$129.00*
AMD A8-5500B APU	3954	960	NA	NA
AMD A8-5545M APU	2582	1354	NA	NA
AMD A8-5550M APU	3006	1210	NA	NA
AMD A8-5557M APU	2963	1226	NA	NA
AMD A8-5600K APU	4341	887	24.13	\$179.95
AMD A8-6410 APU	2572	1360	NA	NA
AMD A8-6500 APU	4385	877	27.24	\$160.99*
AMD A8-6500B APU	4603	835	NA	NA
AMD A8-6500T APU	3221	1140	NA	NA
AMD A8-6600K APU	4583	841	47.25	\$96.99
AMD A8-7050	1986	1588	NA	NA
AMD A8-7100 APU	2802	1281	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7200P	3319	1113	NA	NA
AMD A8-7410 APU	2736	1308	NA	NA
AMD A8-7600 APU	5090	742	78.33	\$64.99*
AMD A8-7650K	4932	777	66.67	\$73.99
AMD A8-7670K	5094	739	25.47	\$199.99
AMD A8-8600P	3248	1130	NA	NA
AMD A8-8650	5470	681	NA	NA
AMD A8-9600	5016	759	77.66	\$64.59
AMD A9-9400	2312	1454	NA	NA
AMD A9-9410	2553	1366	NA	NA
AMD A9-9420	2327	1447	NA	NA
AMD A9-9420e	1868	1647	NA	NA
AMD A9-9425	2744	1303	NA	NA
AMD A9-9430	2513	1382	NA	NA
AMD A10 Micro-6700T APU	1890	1634	NA	NA
AMD A10 PRO-7350B APU	3212	1146	NA	NA
AMD A10 PRO-7800B APU	5108	734	NA	NA
AMD A10 PRO-7850B APU	5382	697	NA	NA
AMD A10-4600M APU	3112	1178	NA	NA
AMD A10-4655M APU	2598	1347	NA	NA
AMD A10-4657M APU	2906	1249	NA	NA
AMD A10-5700 APU	4210	911	2.82	\$1,492.78
AMD A10-5745M APU	2762	1297	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-5750M APU	3343	1110	NA	NA
AMD A10-5757M APU	3081	1187	NA	NA
AMD A10-5800B APU	4669	817	NA	NA
AMD A10-5800K APU	4638	822	14.66	\$316.44
AMD A10-6700 APU	4598	837	39.31	\$116.99
AMD A10-6700T APU	3691	1026	25.01	\$147.61*
AMD A10-6790K APU	4704	812	49.53	\$94.99
AMD A10-6800B APU	4991	766	NA	NA
AMD A10-6800K APU	4861	787	16.95	\$286.85*
AMD A10-7300 APU	2907	1248	NA	NA
AMD A10-7400P	3633	1034	NA	NA
AMD A10-7700K APU	5130	731	49.62	\$103.39
AMD A10-7800 APU	4991	765	48.47	\$102.99
AMD A10-7850K APU	5475	679	42.12	\$129.99
AMD A10-7860K	5093	741	12.80	\$398.00
AMD A10-7870K	5469	682	21.88	\$249.99
AMD A10-7890K	5735	647	28.68	\$199.99
AMD A10-8700P	3448	1081	NA	NA
AMD A10-8750	5082	744	NA	NA
AMD A10-8850	5616	663	NA	NA
AMD A10-9600P	3796	993	NA	NA
AMD A10-9620P	3692	1025	NA	NA
AMD A10-9630P	4497	857	NA	NA
AMD A10-9700	5441	688	68.03	\$79.99
AMD A10-9700E	4687	814	66.98	\$69.99
AMD A12-9700P	3732	1014	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A12-9720P	3983	954	NA	NA
AMD A12-9730P	4381	878	NA	NA
AMD A12-9800	5522	677	46.02	\$119.99
AMD A12-9800E	5104	736	44.78	\$113.99
AMD Athlon64 X2 Dual Core 4600+	1108	2036	NA	NA
AMD Athlon 4	279	2636	7.00	\$39.99
AMD Athlon 64 2000+	116	2771	NA	NA
AMD Athlon 64 2200+	575	2327	NA	NA
AMD Athlon 64 2600+	374	2509	NA	NA
AMD Athlon 64 2800+	438	2439	4.38	\$99.99*
AMD Athlon 64 3000+	463	2408	7.72	\$59.99
AMD Athlon 64 3200+	491	2376	3.28	\$149.95*
AMD Athlon 64 3300+	576	2326	NA	NA
AMD Athlon 64 3400+	546	2339	NA	NA
AMD Athlon 64 3500+	539	2345	4.96	\$108.95
AMD Athlon 64 3600+	601	2313	NA	NA
AMD Athlon 64 3700+	599	2314	8.69	\$69.00*
AMD Athlon 64 3800+	590	2316	3.28	\$179.95
AMD Athlon 64 4000+	605	2307	50.51	\$11.99
AMD Athlon 64 FX-25	794	2220	NA	NA
AMD Athlon 64 FX-34	380	2501	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-51	437	2440	NA	NA
AMD Athlon 64 FX-53	646	2288	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2252	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2247	NA	NA
AMD Athlon 64 FX-59	715	2256	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1941	NA	NA
AMD Athlon 64 FX-62 Dual Core	1579	1799	NA	NA
AMD Athlon 64 FX-72	1794	1681	NA	NA
AMD Athlon 64 FX-74	1495	1837	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2135	NA	NA
AMD Athlon 64 X2 4200+	1285	1938	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1891	3.90	\$349.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2110	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	969	2124	16.15	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1001	2101	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1041	2077	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	2041	8.45	\$129.95
AMD Athlon 64 X2 Dual Core 4400+	1147	2017	95.69	\$11.99
AMD Athlon 64 X2 Dual Core 4600+	1222	1976	3.40	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1254	1959	80.98	\$15.49
AMD Athlon 64 X2 Dual Core 5000+	1313	1918	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1383	1880	26.05	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1445	1854	27.28	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1483	1840	9.90	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1815	61.17	\$24.99
AMD Athlon 64 X2 Dual Core 6000+	1604	1787	49.36	\$32.50
AMD Athlon 64 X2 Dual Core 6400+	1791	1682	6.89	\$259.95
AMD Athlon 64 X2 Dual Core BE-230	1095	2045	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core BE-2300	1082	2056	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2074	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2200	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2201	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2123	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2180	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2212	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	872	2181	11.99	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	927	2154	NA	NA
AMD Athlon 64 X2 QL-60	918	2164	NA	NA
AMD Athlon 64 X2 QL-62	1014	2093	NA	NA
AMD Athlon 64 X2 QL-64	989	2113	NA	NA
AMD Athlon 64 X2 QL-65	1047	2073	NA	NA
AMD Athlon 64 X2 QL-66	947	2140	NA	NA
AMD Athlon 64 X2 QL-67	1006	2098	NA	NA
AMD Athlon 64 X2 TK-55	955	2136	NA	NA
AMD Athlon 64 X2 TK-57	988	2114	NA	NA
AMD Athlon 200GE	4959	772	NA	NA
AMD Athlon 1500+	294	2609	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 1640B	678	2278	13.57	\$50.00*
AMD Athlon 1700+	349	2539	NA	NA
AMD Athlon 2000+	390	2496	NA	NA
AMD Athlon 2100+	412	2460	NA	NA
AMD Athlon 2200+	363	2526	4.55	\$79.99*
AMD Athlon 2400+	462	2411	NA	NA
AMD Athlon 2500+	374	2507	2.04	\$183.99*
AMD Athlon 2600+	444	2429	4.23	\$104.95*
AMD Athlon 2650e	409	2464	21.56	\$19.00*
AMD Athlon 2800+	447	2426	3.20	\$139.95*
AMD Athlon 2850e	504	2371	NA	NA
AMD Athlon 3100+	485	2390	NA	NA
AMD Athlon 3200+	458	2414	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	1931	76.13	\$16.98
AMD Athlon 5150 APU	2100	1543	13.13	\$159.95
AMD Athlon 5200 Dual-Core	1248	1963	41.64	\$29.99
AMD Athlon 5350 APU	2604	1346	7.86	\$331.40*
AMD Athlon 5370 APU	2898	1255	45.51	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1853	NA	NA
AMD Athlon 7550 Dual-Core	1458	1848	24.30	\$60.00*
AMD Athlon 7750 Dual-Core	1578	1800	10.61	\$148.71*
AMD Athlon 7850 Dual-Core	1715	1717	8.18	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2619	NA	NA
AMD Athlon Dual Core 4050e	1086	2051	NA	NA
AMD Athlon Dual Core 4450B	1162	2010	37.49	\$31.00*
AMD Athlon Dual Core 4450e	1103	2040	NA	NA
AMD Athlon Dual Core 4850B	1391	1878	NA	NA
AMD Athlon Dual Core 4850e	1310	1920	33.61	\$39.00*
AMD Athlon Dual Core 5000B	1300	1924	13.69	\$95.00*
AMD Athlon Dual Core 5050e	1347	1903	22.45	\$60.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 5200B	1319	1915	NA	NA
AMD Athlon Dual Core 5400B	1405	1870	NA	NA
AMD Athlon Dual Core 5600B	1304	1923	NA	NA
AMD Athlon II 160u	560	2335	18.68	\$29.99*
AMD Athlon II 170u	624	2301	20.84	\$29.95*
AMD Athlon II Dual-Core M300	1114	2029	NA	NA
AMD Athlon II Dual-Core M320	1142	2022	38.08	\$30.00*
AMD Athlon II Dual-Core M340	1056	2070	NA	NA
AMD Athlon II N330 Dual-Core	1154	2014	NA	NA
AMD Athlon II N350 Dual-Core	1247	1966	NA	NA
AMD Athlon II N370 Dual-Core	1559	1806	NA	NA
AMD Athlon II Neo K125	472	2401	NA	NA
AMD Athlon II Neo K145	525	2353	NA	NA
AMD Athlon II Neo K325 Dual-Core	774	2228	29.81	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2193	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2222	NA	NA
AMD Athlon II P320 Dual-Core	1216	1979	40.62	\$29.95

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	1249	1962	27.80	\$44.95*
AMD Athlon II P360 Dual-Core	1321	1914	55.06	\$24.00
AMD Athlon II X2 210e	1486	1839	NA	NA
AMD Athlon II X2 215	1576	1801	131.51	\$11.99*
AMD Athlon II X2 220	1632	1769	50.72	\$32.19
AMD Athlon II X2 225	1526	1816	NA	NA
AMD Athlon II X2 235e	1660	1756	9.13	\$181.88*
AMD Athlon II X2 240	1641	1764	102.67	\$15.99
AMD Athlon II X2 240e	1699	1731	48.63	\$34.95*
AMD Athlon II X2 245	1657	1759	47.44	\$34.95
AMD Athlon II X2 245e	1706	1724	21.33	\$80.00*
AMD Athlon II X2 250	1742	1702	44.75	\$38.95
AMD Athlon II X2 250e	1949	1603	25.41	\$76.73*
AMD Athlon II X2 250u	1000	2102	28.62	\$34.95*
AMD Athlon II X2 255	1848	1656	28.34	\$65.22*
AMD Athlon II X2 260	1872	1645	93.65	\$19.99
AMD Athlon II X2 260u	1107	2038	13.28	\$83.44*
AMD Athlon II X2 265	1890	1635	22.81	\$82.88*
AMD Athlon II X2 270	1980	1590	82.56	\$23.99
AMD Athlon II X2 270u	1350	1900	19.96	\$67.67*
AMD Athlon II X2 280	2131	1527	21.32	\$99.99*
AMD Athlon II X2 4300e	1350	1899	NA	NA
AMD Athlon II X2 4400e	1618	1778	NA	NA
AMD Athlon II X2 4450e	1504	1831	NA	NA
AMD Athlon II X2 B22	1711	1719	28.49	\$60.09
AMD Athlon II X2 B24	1770	1690	44.31	\$39.95*
AMD Athlon II X2 B26	1889	1637	54.07	\$34.95
AMD Athlon II X2 B28	2089	1547	42.60	\$49.05*
AMD Athlon II X3 400e	2009	1581	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1572	25.32	\$79.99*
AMD Athlon II X3 415e	2247	1485	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1466	19.68	\$116.15*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 425	2312	1453	85.69	\$26.99
AMD Athlon II X3 425e	2239	1490	NA	NA
AMD Athlon II X3 435	2473	1397	82.47	\$29.99
AMD Athlon II X3 440	2571	1361	95.29	\$26.99
AMD Athlon II X3 445	2572	1359	28.27	\$91.00*
AMD Athlon II X3 450	2623	1339	65.61	\$39.99
AMD Athlon II X3 455	2769	1292	71.02	\$38.99
AMD Athlon II X3 460	2859	1264	73.35	\$38.99
AMD Athlon II X4 553	3814	988	NA	NA
AMD Athlon II X4 555	3830	984	NA	NA
AMD Athlon II X4 559	4142	926	NA	NA
AMD Athlon II X4 600e	2453	1403	18.84	\$130.23*
AMD Athlon II X4 605e	2750	1302	27.01	\$101.80*
AMD Athlon II X4 610e	2797	1284	39.97	\$69.99*
AMD Athlon II X4 615e	2901	1254	49.17	\$59.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 620	2938	1234	41.98	\$69.99*
AMD Athlon II X4 620e	2906	1250	NA	NA
AMD Athlon II X4 630	3135	1171	72.92	\$42.99
AMD Athlon II X4 631 Quad-Core	3153	1167	39.42	\$80.00*
AMD Athlon II X4 635	3244	1132	46.38	\$69.95
AMD Athlon II X4 638 Quad-Core	3198	1150	120.73	\$26.49
AMD Athlon II X4 640	3314	1115	41.45	\$79.95
AMD Athlon II X4 641 Quad-Core	3346	1108	36.57	\$91.50*
AMD Athlon II X4 645	3475	1075	69.52	\$49.99
AMD Athlon II X4 650	3479	1074	20.89	\$166.60*
AMD Athlon II X4 651 Quad-Core	3569	1050	20.05	\$178.04*
AMD Athlon II X4 655	2998	1213	NA	NA
AMD Athlon II X4 6400e	2594	1348	NA	NA
AMD Athlon L110	306	2585	NA	NA
AMD Athlon LE-1600	567	2332	27.04	\$21.00*
AMD Athlon LE-1620	572	2329	31.80	\$18.00*
AMD Athlon LE-1640	627	2299	NA	NA
AMD Athlon LE-1660	688	2271	NA	NA
AMD Athlon MP	230	2691	4.20	\$54.95*
AMD Athlon MP 1700+	339	2551	NA	NA
AMD Athlon MP 2400+	436	2441	NA	NA
AMD Athlon MP 2800+	497	2374	NA	NA
AMD Athlon Neo MV-40	409	2465	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2100	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2227	NA	NA
AMD Athlon Neo X2 Dual Core L335	824	2208	NA	NA
AMD Athlon PRO 200GE	5286	714	NA	NA
AMD Athlon QI-46	473	2400	NA	NA
AMD Athlon TF-20	414	2458	NA	NA
AMD Athlon TF-36	358	2529	NA	NA
AMD Athlon X2 215	1543	1811	NA	NA
AMD Athlon X2 235e	1806	1676	NA	NA
AMD Athlon X2 240	1589	1797	NA	NA
AMD Athlon X2 240e	1670	1748	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 250	1696	1733	NA	NA
AMD Athlon X2 255	1627	1773	NA	NA
AMD Athlon X2 280	2303	1459	68.77	\$33.49
AMD Athlon X2 340 Dual Core	1901	1626	38.03	\$49.99
AMD Athlon X2 370K Dual Core	2251	1484	NA	NA
AMD Athlon X2 440	1424	1862	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2225	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2103	NA	NA
AMD Athlon X2 Dual Core BE-2300	925	2158	NA	NA
AMD Athlon X2 Dual Core BE-2350	1104	2039	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	1980	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1961	NA	NA
AMD Athlon X2 Dual Core L310	643	2291	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 Dual Core LS-5800	1009	2096	NA	NA
AMD Athlon X3 425	2191	1507	NA	NA
AMD Athlon X3 435	2574	1358	26.96	\$95.49*
AMD Athlon X3 440	2078	1553	23.62	\$87.99*
AMD Athlon X3 445	2314	1451	NA	NA
AMD Athlon X3 450	3064	1193	38.80	\$78.99*
AMD Athlon X3 455	2401	1422	NA	NA
AMD Athlon X4 605e	2505	1386	NA	NA
AMD Athlon X4 620	2861	1262	47.74	\$59.95
AMD Athlon X4 635	2891	1257	23.71	\$121.99*
AMD Athlon X4 640	3172	1155	NA	NA
AMD Athlon X4 740 Quad Core	4009	946	14.48	\$277.00*
AMD Athlon X4 750 Quad Core	4551	847	NA	NA
AMD Athlon X4 750K Quad Core	4249	907	55.19	\$76.99*
AMD Athlon X4 760K Quad Core	4594	839	99.91	\$45.99
AMD Athlon X4 830	4701	813	NA	NA
AMD Athlon X4 840	5037	755	63.98	\$78.74*
AMD Athlon X4 845	5429	691	108.61	\$49.99
AMD Athlon X4 860K	5435	689	92.15	\$58.99
AMD Athlon X4 870K	5301	712	66.28	\$79.99
AMD Athlon X4 880K	5565	670	61.85	\$89.99
AMD Athlon X4 950	5305	711	88.44	\$59.99
AMD Athlon XP1600+	281	2631	NA	NA
AMD Athlon XP1700+	234	2687	NA	NA
AMD Athlon XP1900+	353	2535	NA	NA
AMD Athlon XP2100+	287	2621	NA	NA
AMD Athlon XP2200+	401	2478	NA	NA
AMD Athlon XP2400+	374	2508	NA	NA
AMD Athlon XP 1500	282	2630	NA	NA
AMD Athlon XP 1500+	257	2661	NA	NA
AMD Athlon XP 1600+	267	2651	NA	NA
AMD Athlon XP 1700	344	2547	NA	NA
AMD Athlon XP 1700+	271	2645	NA	NA
AMD Athlon XP 1800+	300	2596	5.10	\$58.95*
AMD Athlon XP 1900+	312	2579	NA	NA
AMD Athlon XP 2000+	299	2597	12.00	\$24.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2100+	323	2563	NA	NA
AMD Athlon XP 2200+	328	2561	3.87	\$84.95*
AMD Athlon XP 2300+	464	2407	NA	NA
AMD Athlon XP 2400+	360	2528	4.01	\$89.99*
AMD Athlon XP 2500+	355	2532	NA	NA
AMD Athlon XP 2600+	372	2512	16.18	\$23.03*
AMD Athlon XP 2700+	393	2489	4.64	\$84.79*
AMD Athlon XP 2800+	399	2481	NA	NA
AMD Athlon XP 2900+	440	2434	NA	NA
AMD Athlon XP 3000+	402	2477	5.05	\$79.70*
AMD Athlon XP 3100+	433	2446	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 3200+	433	2445	NA	NA
AMD Athlon XP 3400+	570	2331	NA	NA
AMD Athlon XP Pro3+	367	2518	NA	NA
AMD Athlon XP-M	541	2344	15.48	\$34.95*
AMD C-30	310	2581	NA	NA
AMD C-50	462	2410	NA	NA
AMD C-60	466	2405	NA	NA
AMD C-60 APU	544	2340	NA	NA
AMD C-70 APU	563	2334	NA	NA
AMD E1 Micro-6200T APU	960	2133	NA	NA
AMD E1-1200 APU	657	2284	NA	NA
AMD E1-1500 APU	687	2272	NA	NA
AMD E1-2100 APU	635	2295	NA	NA
AMD E1-2200 APU	767	2230	NA	NA
AMD E1-2500 APU	889	2177	NA	NA
AMD E1-6010 APU	858	2190	NA	NA
AMD E1-6015 APU	897	2176	NA	NA
AMD E1-7010 APU	1011	2095	NA	NA
AMD E2-1800 APU	818	2210	NA	NA
AMD E2-2000 APU	830	2204	NA	NA
AMD E2-3000 APU	1088	2048	NA	NA
AMD E2-3000M APU	1092	2046	54.65	\$20.00*
AMD E2-3200 APU	1401	1871	175.41	\$7.99*
AMD E2-3800 APU	1644	1762	NA	NA
AMD E2-6110 APU	1902	1623	NA	NA
AMD E2-7110 APU	2279	1473	NA	NA
AMD E2-9000	1666	1752	NA	NA
AMD E2-9000e	1347	1902	NA	NA
AMD E2-9010	1774	1687	NA	NA
AMD E-240	318	2569	NA	NA
AMD E-300 APU	611	2306	NA	NA
AMD E-350	748	2242	NA	NA
AMD E-350 APU	757	2238	NA	NA
AMD E-350D APU	723	2251	NA	NA
AMD E-450 APU	767	2231	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1698	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1548	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2509	1383	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Embedded R-Series RX-216GD	2409	1418	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	745	NA	NA
AMD Embedded R-Series RX-421BD	4635	824	NA	NA
AMD EPYC 7251 8-Core	10679	227	20.15	\$529.99
AMD EPYC 7351P	15820	99	16.05	\$985.92
AMD EPYC 7401P	18546	53	14.73	\$1,259.21

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD EPYC 7501	18942	49	4.38	\$4,324.02
AMD EPYC 7551	18483	54	4.85	\$3,813.99
AMD FirePro A320 APU	4540	852	NA	NA
AMD FX-670K Quad-Core	4550	848	NA	NA
AMD FX-770K Quad-Core	4777	803	NA	NA
AMD FX-870K Quad Core	5105	735	NA	NA
AMD FX-4100 Quad-Core	4070	935	31.31	\$129.99*
AMD FX-4130 Quad-Core	4167	920	54.84	\$75.99*
AMD FX-4150 Quad-Core	4594	840	NA	NA
AMD FX-4170 Quad-Core	4857	789	48.58	\$99.99
AMD FX-4200 Quad-Core	4261	903	18.68	\$228.21*
AMD FX-4300 Quad-Core	4683	815	87.72	\$53.39
AMD FX-4320	5004	763	NA	NA
AMD FX-4330	5321	709	NA	NA
AMD FX-4350 Quad-Core	5333	707	41.03	\$129.99
AMD FX-6100 Six-Core	5379	698	17.70	\$304.00
AMD FX-6120 Six-Core	5734	648	NA	NA
AMD FX-6130 Six-Core	6215	593	NA	NA
AMD FX-6200 Six-Core	6130	607	18.03	\$339.95
AMD FX-6300 Six-Core	6384	587	108.23	\$58.99
AMD FX-6330 Six-Core	6916	535	NA	NA
AMD FX-6350 Six-Core	6995	527	53.82	\$129.99
AMD FX-7500 APU	3212	1147	NA	NA
AMD FX-7600P	4053	937	NA	NA
AMD FX-7600P APU	4627	827	NA	NA
AMD FX-8100 Eight-Core	6018	618	42.39	\$142.00*
AMD FX-8120 Eight-Core	6598	564	65.99	\$99.99
AMD FX-8140 Eight-Core	6033	617	NA	NA
AMD FX-8150 Eight-Core	7627	468	19.89	\$383.50*
AMD FX-8300 Eight-Core	7719	459	94.43	\$81.75
AMD FX-8310 Eight-Core	7758	454	NA	NA
AMD FX-8320 Eight-Core	8018	430	89.19	\$89.90
AMD FX-8320E Eight-Core	7543	472	79.78	\$94.55
AMD FX-8350 Eight-Core	8948	358	111.88	\$79.99
AMD FX-8370 Eight-Core	9026	351	70.29	\$128.42
AMD FX-8370E Eight-Core	7804	448	53.09	\$147.00
AMD FX-8800P	4143	925	NA	NA
AMD FX-9370 Eight-Core	9467	312	52.92	\$178.89
AMD FX-9590 Eight-Core	10191	250	102.95	\$99.00
AMD FX-9800P	4007	949	NA	NA
AMD FX-9830P	4744	808	NA	NA
AMD FX-B4150 Quad-Core	4611	832	NA	NA
AMD G-T40E	485	2387	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T40N	516	2359	NA	NA
AMD G-T40R	203	2717	NA	NA
AMD G-T44R	227	2693	NA	NA
AMD G-T48E	716	2255	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T52R	303	2590	NA	NA
AMD G-T56E	751	2239	NA	NA
AMD G-T56N	791	2223	NA	NA
AMD Geode NX	264	2654	NA	NA
AMD Geode NX 1750	291	2610	NA	NA
AMD GX-210JA SOC	401	2479	NA	NA
AMD GX-212JC SOC	744	2243	NA	NA
AMD GX-217GA SOC	1097	2042	NA	NA
AMD GX-218GL SOC	1115	2028	NA	NA
AMD GX-222GC SOC	1255	1957	NA	NA
AMD GX-412HC	1497	1835	NA	NA
AMD GX-415GA SOC	1950	1602	NA	NA
AMD GX-420CA SOC	2362	1438	NA	NA
AMD GX-424CC SOC	2488	1392	NA	NA
AMD K7	403	2474	NA	NA
AMD Opteron 140	396	2485	0.56	\$710.00*
AMD Opteron 142	428	2452	NA	NA
AMD Opteron 144	486	2386	7.48	\$65.00*
AMD Opteron 146	532	2350	8.87	\$59.99*
AMD Opteron 148	603	2312	NA	NA
AMD Opteron 150	604	2310	NA	NA
AMD Opteron 152	658	2282	NA	NA
AMD Opteron 154	703	2265	NA	NA
AMD Opteron 165	899	2174	1.47	\$610.00*
AMD Opteron 170	1097	2043	NA	NA
AMD Opteron 175	1167	2006	NA	NA
AMD Opteron 180	1234	1970	9.50	\$129.95*
AMD Opteron 185	1360	1895	NA	NA
AMD Opteron 246	632	2297	31.62	\$19.99
AMD Opteron 248	476	2398	4.77	\$99.95
AMD Opteron 250	649	2287	59.01	\$11.00*
AMD Opteron 252	760	2235	12.00	\$63.36*
AMD Opteron 254	693	2268	NA	NA
AMD Opteron 256	963	2130	50.72	\$19.00*
AMD Opteron 265	963	2131	6.02	\$159.95*
AMD Opteron 270	1083	2055	1.78	\$607.47*
AMD Opteron 275	1291	1934	19.87	\$64.99
AMD Opteron 280	1272	1948	1.60	\$796.67*
AMD Opteron 285	1470	1844	NA	NA
AMD Opteron 290	1464	1846	10.85	\$135.00*
AMD Opteron 1210	923	2160	NA	NA
AMD Opteron 1210 HE	971	2122	NA	NA
AMD Opteron 1212	1009	2097	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1921	NA	NA
AMD Opteron 1214	1191	1991	4.11	\$290.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1214 HE	1299	1925	NA	NA
AMD Opteron 1216	1311	1919	23.91	\$54.85*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1216 HE	1172	2003	NA	NA
AMD Opteron 1218	1468	1845	NA	NA
AMD Opteron 1218 HE	1444	1855	NA	NA
AMD Opteron 1220	1653	1761	NA	NA
AMD Opteron 1222	1757	1695	NA	NA
AMD Opteron 1352	2316	1450	17.04	\$135.99*
AMD Opteron 1354	2630	1337	8.49	\$309.97*
AMD Opteron 1356	2765	1295	30.73	\$89.99*
AMD Opteron 1381	3065	1192	NA	NA
AMD Opteron 2212	1270	1950	105.89	\$12.00*
AMD Opteron 2214	1358	1896	46.85	\$29.00
AMD Opteron 2214 HE	1415	1866	NA	NA
AMD Opteron 2216	1518	1826	8.53	\$178.00*
AMD Opteron 2218	1594	1794	49.18	\$32.42*
AMD Opteron 2220	1701	1730	1.15	\$1,475.16*
AMD Opteron 2220 SE	1398	1873	55.92	\$25.00*
AMD Opteron 2222	1843	1659	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1616	NA	NA
AMD Opteron 2350	2820	1273	10.45	\$269.99*
AMD Opteron 2356	2814	1276	188.25	\$14.95
AMD Opteron 2373 EE	2789	1287	NA	NA
AMD Opteron 2374 HE	2951	1229	15.53	\$189.99*
AMD Opteron 2376	2283	1470	13.69	\$166.80*
AMD Opteron 2378	3179	1153	17.76	\$179.00*
AMD Opteron 2380	2640	1334	105.64	\$25.00*
AMD Opteron 2384	3538	1061	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1062	NA	NA
AMD Opteron 2393 SE	2246	1486	NA	NA
AMD Opteron 2427	3069	1190	31.00	\$99.00
AMD Opteron 2431	4516	855	112.91	\$40.00
AMD Opteron 2435	4708	811	39.11	\$120.40*
AMD Opteron 3260 HE	3259	1127	NA	NA
AMD Opteron 3280	5286	715	19.35	\$273.18*
AMD Opteron 3320 EE	2675	1324	NA	NA
AMD Opteron 3350 HE	4009	947	NA	NA
AMD Opteron 3365	5943	623	NA	NA
AMD Opteron 3380	6384	588	7.89	\$809.00*
AMD Opteron 4122	2942	1232	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1158	NA	NA
AMD Opteron 4184	4418	871	8.50	\$519.95*
AMD Opteron 4280	6430	580	128.63	\$49.99
AMD Opteron 4284	6660	557	111.03	\$59.99
AMD Opteron 4332 HE	5614	664	NA	NA
AMD Opteron 4334	6133	606	28.34	\$216.42*
AMD Opteron 4365 EE	5025	757	NA	NA
AMD Opteron 4386	5419	693	38.71	\$139.99
AMD Opteron 6128	4505	856	214.63	\$20.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6134	2938	1233	8.93	\$329.00
AMD Opteron 6136	4631	825	12.90	\$359.00*
AMD Opteron 6164 HE	5351	703	NA	NA
AMD Opteron 6174	6171	601	33.18	\$185.99
AMD Opteron 6176 SE	5446	686	19.73	\$276.01
AMD Opteron 6212	5776	643	192.62	\$29.99
AMD Opteron 6220	6785	543	113.11	\$59.99
AMD Opteron 6234	5979	620	85.44	\$69.99*
AMD Opteron 6238	7316	494	121.96	\$59.99
AMD Opteron 6272	6748	549	10.24	\$658.89*
AMD Opteron 6274	4865	786	23.17	\$210.00*
AMD Opteron 6276	9011	353	112.66	\$79.99
AMD Opteron 6282 SE	9116	341	70.13	\$129.99
AMD Opteron 6287 SE	9789	285	NA	NA
AMD Opteron 6328	7813	447	39.07	\$199.99
AMD Opteron 6366 HE	7503	476	37.52	\$199.99
AMD Opteron 6376	9414	317	144.84	\$65.00
AMD Opteron 6378	2152	1518	10.76	\$199.99
AMD Opteron 6380	10081	262	112.03	\$89.99
AMD Opteron 6386 SE	10748	224	71.66	\$149.99
AMD Opteron 8354	2255	1483	102.52	\$22.00
AMD Opteron 8439 SE	3813	989	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1194	NA	NA
AMD Opteron X3216 APU	2368	1435	NA	NA
AMD Opteron X3421 APU	4894	781	NA	NA
AMD Phenom 2 X4 12000	3005	1212	NA	NA
AMD Phenom 7950 Quad-Core	2991	1218	NA	NA
AMD Phenom 8250 Triple-Core	1644	1763	NA	NA
AMD Phenom 8250e Triple-Core	1619	1777	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1631	1770	NA	NA
AMD Phenom 8450 Triple-Core	1887	1640	63.01	\$29.95*
AMD Phenom 8450e Triple-Core	2040	1564	NA	NA
AMD Phenom 8600 Triple-Core	1703	1727	32.15	\$52.99*
AMD Phenom 8600B Triple-Core	1923	1614	36.31	\$52.99*
AMD Phenom 8650 Triple-Core	1991	1585	39.83	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1559	NA	NA
AMD Phenom 8750B Triple-Core	2034	1568	NA	NA
AMD Phenom 8850 Triple-Core	2026	1571	NA	NA
AMD Phenom 8850B Triple-Core	2080	1552	NA	NA
AMD Phenom 9100e Quad-Core	1835	1665	45.96	\$39.95
AMD Phenom 9150e Quad-Core	2113	1537	52.90	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1449	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1340	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2204	1502	76.04	\$28.99
AMD Phenom 9550 Quad-Core	2543	1369	87.74	\$28.99
AMD Phenom 9600 Quad-Core	2304	1457	46.13	\$49.95*
AMD Phenom 9600B Quad-Core	2577	1356	17.51	\$147.19*
AMD Phenom 9650 Quad-Core	2640	1335	48.05	\$54.95*
AMD Phenom 9750 Quad-Core	2812	1278	95.38	\$29.49

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9750B Quad-Core	2709	1314	NA	NA
AMD Phenom 9850 Quad-Core	2893	1256	57.87	\$50.00*
AMD Phenom 9850B Quad-Core	3160	1164	NA	NA
AMD Phenom 9950 Quad-Core	3012	1208	16.74	\$179.98*
AMD Phenom FX-5000 Quad-Core	2517	1379	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1230	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1037	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1071	NA	NA
AMD Phenom II N620 Dual-Core	1681	1741	42.18	\$39.86*
AMD Phenom II N640 Dual-Core	1716	1716	26.43	\$64.95*
AMD Phenom II N660 Dual-Core	1853	1653	18.72	\$99.00*
AMD Phenom II N830 3+1	2652	1329	NA	NA
AMD Phenom II N830 Triple-Core	1889	1636	NA	NA
AMD Phenom II N850 Triple-Core	1935	1607	77.42	\$25.00*
AMD Phenom II N870 Triple-Core	1988	1587	NA	NA
AMD Phenom II N930 Quad-Core	2269	1477	17.47	\$129.95*
AMD Phenom II N950 Quad-Core	2484	1395	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2523	1376	16.83	\$149.99*
AMD Phenom II P650 Dual-Core	1597	1791	45.66	\$35.00*
AMD Phenom II P820 Triple-Core	1604	1786	NA	NA
AMD Phenom II P840 Triple-Core	1738	1706	NA	NA
AMD Phenom II P860 Triple-Core	1759	1693	NA	NA
AMD Phenom II P920 Quad-Core	1866	1648	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1673	NA	NA
AMD Phenom II P960 Quad-Core	2086	1549	74.52	\$28.00*
AMD Phenom II X2 511	2104	1541	NA	NA
AMD Phenom II X2 521	2077	1554	NA	NA
AMD Phenom II X2 545	1911	1619	43.46	\$43.98
AMD Phenom II X2 550	2021	1574	40.43	\$49.99
AMD Phenom II X2 555	2044	1563	70.51	\$28.99
AMD Phenom II X2 560	2057	1560	51.46	\$39.99
AMD Phenom II X2 565	2211	1499	73.73	\$29.99*
AMD Phenom II X2 570	1960	1597	NA	NA
AMD Phenom II X2 B53	1709	1722	NA	NA
AMD Phenom II X2 B55	1931	1610	40.24	\$48.00*
AMD Phenom II X2 B57	1826	1669	NA	NA
AMD Phenom II X2 B59	2139	1524	107.07	\$19.98
AMD Phenom II X3 700e	2285	1468	NA	NA
AMD Phenom II X3 705e	2227	1494	14.63	\$152.34*
AMD Phenom II X3 710	2443	1407	28.91	\$84.53*
AMD Phenom II X3 715	2649	1331	31.17	\$84.99*
AMD Phenom II X3 720	2679	1323	38.28	\$69.99
AMD Phenom II X3 740	2994	1216	33.65	\$88.99*
AMD Phenom II X3 B73	2735	1309	36.47	\$75.00*
AMD Phenom II X3 B75	2929	1238	73.25	\$39.99
AMD Phenom II X3 B77	3067	1191	115.38	\$26.59
AMD Phenom II X4 805	2994	1215	17.21	\$173.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 810	3125	1174	26.94	\$115.99*
AMD Phenom II X4 820	3400	1092	45.38	\$74.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 830	3437	1083	42.99	\$79.95*
AMD Phenom II X4 840	3511	1065	39.04	\$89.95*
AMD Phenom II X4 840T	3601	1040	51.45	\$69.99
AMD Phenom II X4 850	3547	1057	54.59	\$64.99
AMD Phenom II X4 900e	2882	1259	NA	NA
AMD Phenom II X4 905e	3087	1184	57.18	\$53.99
AMD Phenom II X4 910	3252	1129	32.53	\$100.00*
AMD Phenom II X4 910e	3260	1126	20.77	\$156.99*
AMD Phenom II X4 920	3399	1093	50.75	\$66.99*
AMD Phenom II X4 925	3421	1086	77.78	\$43.99
AMD Phenom II X4 940	3593	1041	29.95	\$119.99*
AMD Phenom II X4 945	3663	1030	74.02	\$49.49
AMD Phenom II X4 955	3933	968	30.22	\$130.16*
AMD Phenom II X4 960T	3787	997	59.20	\$63.99
AMD Phenom II X4 965	4192	914	70.47	\$59.49
AMD Phenom II X4 970	4328	892	29.23	\$148.11*
AMD Phenom II X4 973	3759	1005	NA	NA
AMD Phenom II X4 975	4472	861	35.50	\$125.99
AMD Phenom II X4 977	3750	1008	NA	NA
AMD Phenom II X4 980	4493	858	32.88	\$136.64*
AMD Phenom II X4 8700e	2377	1430	NA	NA
AMD Phenom II X4 B05e	2781	1289	NA	NA
AMD Phenom II X4 B15e	2736	1307	NA	NA
AMD Phenom II X4 B25	3330	1111	NA	NA
AMD Phenom II X4 B35	3383	1100	NA	NA
AMD Phenom II X4 B40	3394	1098	NA	NA
AMD Phenom II X4 B45	3467	1078	NA	NA
AMD Phenom II X4 B50	3702	1021	NA	NA
AMD Phenom II X4 B55	3859	976	NA	NA
AMD Phenom II X4 B60	4044	939	NA	NA
AMD Phenom II X4 B65	4177	917	NA	NA
AMD Phenom II X4 B70	4261	904	NA	NA
AMD Phenom II X4 B93	3355	1106	NA	NA
AMD Phenom II X4 B95	3702	1022	50.75	\$72.95*
AMD Phenom II X4 B97	3886	973	68.20	\$56.99
AMD Phenom II X4 B99	4130	930	NA	NA
AMD Phenom II X6 1035T	4665	818	24.68	\$189.00*
AMD Phenom II X6 1045T	4818	796	27.54	\$175.00*
AMD Phenom II X6 1055T	4965	769	26.84	\$185.00*
AMD Phenom II X6 1065T	5068	746	NA	NA
AMD Phenom II X6 1075T	5343	705	47.29	\$112.99
AMD Phenom II X6 1090T	5586	669	14.10	\$396.08*
AMD Phenom II X6 1100T	5731	649	32.39	\$176.99
AMD Phenom II X6 1405T	5042	754	NA	NA
AMD Phenom II X620 Dual-Core	2189	1509	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X640 Dual-Core	2021	1573	NA	NA
AMD Phenom II X920 Quad-Core	2640	1336	NA	NA
AMD Phenom II X940 Quad-Core	2695	1318	NA	NA
AMD Phenom Ultra X4 24500	3945	963	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X2 Dual-Core GE-4060	1697	1732	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1500	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1697	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1996	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1859	NA	NA
AMD Phenom X3 8550	1923	1615	11.32	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1694	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1583	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1492	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2812	1279	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1313	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1319	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1983	NA	NA
AMD PRO A4-3350B APU	2518	1378	NA	NA
AMD PRO A4-8350B	2791	1286	NA	NA
AMD PRO A6-7350B	2759	1299	NA	NA
AMD PRO A6-8500B	2516	1380	NA	NA
AMD PRO A6-8530B	2388	1425	NA	NA
AMD PRO A6-8550B	2985	1220	NA	NA
AMD PRO A6-8570	3049	1197	NA	NA
AMD PRO A6-8570E	2824	1272	NA	NA
AMD PRO A6-9500	3239	1136	43.77	\$74.00*
AMD PRO A6-9500B	2076	1555	NA	NA
AMD PRO A6-9500E	2761	1298	37.31	\$74.00*
AMD PRO A8-8600B	3553	1054	NA	NA
AMD PRO A8-8650B	5426	692	NA	NA
AMD PRO A8-8670E	5008	762	NA	NA
AMD PRO A8-9600	5296	713	44.51	\$119.00*
AMD PRO A8-9600B	4004	950	NA	NA
AMD PRO A10-8700B	3584	1046	NA	NA
AMD PRO A10-8730B	3985	953	NA	NA
AMD PRO A10-8750B	5646	662	NA	NA
AMD PRO A10-8770	5707	651	NA	NA
AMD PRO A10-8770E	5045	752	NA	NA
AMD PRO A10-8850B	5852	634	NA	NA
AMD PRO A10-9700	5677	657	33.59	\$169.00*
AMD PRO A10-9700B	4393	875	NA	NA
AMD PRO A10-9700E	4922	780	35.42	\$139.00*
AMD PRO A12-8800B	4154	924	NA	NA
AMD PRO A12-8830B	4377	879	NA	NA
AMD PRO A12-8870	6067	613	NA	NA
AMD PRO A12-8870E	5186	725	NA	NA
AMD PRO A12-9800	6199	597	36.68	\$169.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A12-9800B	4158	923	NA	NA
AMD PRO A12-9800E	4793	802	28.36	\$169.00*
AMD QC-4000	1663	1754	NA	NA
AMD R-260H APU	1576	1802	NA	NA
AMD R-460L APU	1954	1600	NA	NA
AMD R-464L APU	3117	1176	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD RX-427BB	4317	894	NA	NA
AMD Ryzen 3 1200	6753	548	60.18	\$112.22
AMD Ryzen 3 1300X	7466	479	54.90	\$136.00
AMD Ryzen 3 2200G	7420	485	75.73	\$97.99
AMD Ryzen 3 2200GE	7124	512	NA	NA
AMD Ryzen 3 2200U	4628	826	NA	NA
AMD Ryzen 3 2300U	5830	638	NA	NA
AMD Ryzen 3 PRO 1200	7069	520	NA	NA
AMD Ryzen 3 PRO 1300	7999	433	NA	NA
AMD Ryzen 3 PRO 2200G	8106	420	NA	NA
AMD Ryzen 3 PRO 2200GE	7975	436	NA	NA
AMD Ryzen 3 PRO 2300U	7188	507	NA	NA
AMD Ryzen 5 1400	8394	397	69.96	\$119.99
AMD Ryzen 5 1500X	10065	264	80.52	\$125.00
AMD Ryzen 5 1600	12267	182	94.37	\$129.99
AMD Ryzen 5 1600X	13232	161	88.22	\$149.99
AMD Ryzen 5 2400G	9282	330	58.39	\$158.99
AMD Ryzen 5 2400GE	7285	499	NA	NA
AMD Ryzen 5 2500U	7347	492	NA	NA
AMD Ryzen 5 2600	13508	156	84.43	\$159.99
AMD Ryzen 5 2600X	14351	131	68.67	\$208.99
AMD Ryzen 5 PRO 1500	10123	258	NA	NA
AMD Ryzen 5 PRO 1600	12213	184	NA	NA
AMD Ryzen 5 PRO 2400G	10046	267	NA	NA
AMD Ryzen 5 PRO 2400GE	9712	294	NA	NA
AMD Ryzen 5 PRO 2500U	9004	354	NA	NA
AMD Ryzen 5 PRO 2600	14645	120	NA	NA
AMD Ryzen 7 1700	13742	146	65.44	\$209.98
AMD Ryzen 7 1700X	14663	119	78.01	\$187.98
AMD Ryzen 7 1800X	15395	105	61.89	\$248.75
AMD Ryzen 7 2700	15072	112	60.29	\$249.99
AMD Ryzen 7 2700U	7416	487	NA	NA
AMD Ryzen 7 2700X	16971	71	54.77	\$309.89
AMD Ryzen 7 PRO 1700	14708	117	NA	NA
AMD Ryzen 7 PRO 1700X	15349	106	NA	NA
AMD Ryzen 7 PRO 2700	15518	102	NA	NA
AMD Ryzen 7 PRO 2700U	9051	348	NA	NA
AMD Ryzen 7 PRO 2700X	17272	66	NA	NA
AMD Ryzen Embedded V1202B	5051	750	NA	NA
AMD Ryzen Embedded V1605B	7667	463	NA	NA
AMD Ryzen Embedded V1807B	7185	508	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Threadripper 1900X	15850	97	50.10	\$316.38
AMD Ryzen Threadripper 1920X	18744	50	45.17	\$414.99
AMD Ryzen Threadripper 1950X	22078	19	39.18	\$563.49
AMD Ryzen Threadripper 2920X	20604	33	31.70	\$649.99
AMD Ryzen Threadripper 2950X	26208	5	29.12	\$899.99
AMD Ryzen Threadripper 2970WX	17210	67	13.24	\$1,299.99
AMD Ryzen Threadripper 2990WX	24291	12	14.04	\$1,729.99
AMD Ryzen Threadripper 2990X	14324	132	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 130	656	2286	26.29	\$24.99*
AMD Sempron 140	733	2245	18.54	\$39.59*
AMD Sempron 145	807	2218	47.54	\$16.98
AMD Sempron 150	707	2261	15.74	\$44.95
AMD Sempron 200U	267	2650	3.08	\$87.00*
AMD Sempron 210U	391	2494	NA	NA
AMD Sempron 240	2110	1539	36.39	\$58.00
AMD Sempron 2100+	392	2492	NA	NA
AMD Sempron 2200+	281	2634	9.38	\$29.99*
AMD Sempron 2300+	318	2570	7.07	\$45.00*
AMD Sempron 2400+	313	2578	11.62	\$27.00*
AMD Sempron 2500+	335	2553	4.20	\$79.95*
AMD Sempron 2600+	373	2510	10.70	\$34.95
AMD Sempron 2650 APU	939	2147	23.50	\$40.00
AMD Sempron 2800+	383	2499	19.19	\$19.99
AMD Sempron 3000+	409	2466	8.19	\$49.95
AMD Sempron 3100+	452	2421	7.53	\$60.00*
AMD Sempron 3200+	406	2468	31.29	\$13.00*
AMD Sempron 3300+	484	2392	8.07	\$60.00
AMD Sempron 3400+	454	2420	15.18	\$29.91*
AMD Sempron 3500+	384	2498	19.23	\$20.00*
AMD Sempron 3600+	487	2384	40.59	\$12.00*
AMD Sempron 3800+	554	2337	26.39	\$21.00*
AMD Sempron 3850 APU	1710	1720	50.33	\$33.99
AMD Sempron Dual Core 2100	936	2149	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2108	NA	NA
AMD Sempron Dual Core 2300	982	2116	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2139	NA	NA
AMD Sempron Dual Core 4900	1081	2057	NA	NA
AMD Sempron LE-250	490	2378	NA	NA
AMD Sempron LE-1100	438	2438	NA	NA
AMD Sempron LE-1150	445	2427	NA	NA
AMD Sempron LE-1200	528	2351	NA	NA
AMD Sempron LE-1250	541	2343	5.41	\$99.95*
AMD Sempron LE-1300	605	2308	30.28	\$20.00
AMD Sempron LE-1600	535	2348	NA	NA
AMD Sempron LE-1620	635	2296	NA	NA
AMD Sempron LE-1640	759	2236	NA	NA
AMD Sempron M100	558	2336	46.58	\$12.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron M120	582	2320	NA	NA
AMD Sempron SI-40	443	2430	36.93	\$12.00*
AMD Sempron SI-42	454	2418	15.16	\$30.01
AMD Sempron X2 180	1222	1975	17.62	\$69.40*
AMD Sempron X2 190	1509	1829	18.09	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1867	NA	NA
AMD Turion 64 Mobile MK-36	465	2406	NA	NA
AMD Turion 64 Mobile MK-38	513	2361	NA	NA
AMD Turion 64 Mobile ML-28	390	2495	NA	NA
AMD Turion 64 Mobile ML-30	402	2476	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 Mobile ML-32	408	2467	NA	NA
AMD Turion 64 Mobile ML-34	425	2454	NA	NA
AMD Turion 64 Mobile ML-37	442	2431	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2356	NA	NA
AMD Turion 64 Mobile ML-42	615	2304	NA	NA
AMD Turion 64 Mobile ML-44	591	2315	NA	NA
AMD Turion 64 Mobile MT-28	419	2455	NA	NA
AMD Turion 64 Mobile MT-30	378	2502	NA	NA
AMD Turion 64 Mobile MT-32	426	2453	NA	NA
AMD Turion 64 Mobile MT-34	429	2450	NA	NA
AMD Turion 64 Mobile MT-37	484	2391	NA	NA
AMD Turion 64 Mobile MT-40	536	2346	NA	NA
AMD Turion 64 X2 Mobile TL-50	748	2241	14.97	\$49.99*
AMD Turion 64 X2 Mobile TL-52	765	2232	NA	NA
AMD Turion 64 X2 Mobile TL-56	887	2178	44.36	\$20.00*
AMD Turion 64 X2 Mobile TL-58	944	2142	NA	NA
AMD Turion 64 X2 Mobile TL-60	993	2112	41.49	\$23.95*
AMD Turion 64 X2 Mobile TL-62	1087	2050	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1110	2033	28.20	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2023	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2008	12.92	\$90.00*
AMD Turion Dual-Core RM-70	904	2172	36.16	\$25.00
AMD Turion Dual-Core RM-72	860	2187	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2092	NA	NA
AMD Turion Dual-Core RM-75	977	2119	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1293	1930	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	1922	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1907	NA	NA
AMD Turion II N530 Dual-Core	1583	1798	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1817	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2120	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	1993	NA	NA
AMD Turion II Neo N40L Dual-Core	924	2159	NA	NA
AMD Turion II Neo N54L Dual-Core	1376	1886	NA	NA
AMD Turion II P520 Dual-Core	1357	1897	NA	NA
AMD Turion II P540 Dual-Core	1438	1858	28.79	\$49.95*
AMD Turion II P560 Dual-Core	1511	1828	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II Ultra Dual-Core Mobile M600	1409	1869	79.15	\$17.81
AMD Turion II Ultra Dual-Core Mobile M620	1427	1861	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1750	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1814	NA	NA
AMD Turion Neo X2 Dual Core L625	819	2209	NA	NA
AMD Turion X2 Dual Core L510	923	2161	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2191	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2067	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	997	2105	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2052	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1062	2065	42.57	\$24.95*
AMD Turion X2 Dual-Core Mobile RM-75	1137	2025	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Dual-Core Mobile RM-77	1149	2015	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1014	2094	72.45	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2054	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	1981	94.53	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	1971	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1929	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1267	1953	31.72	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2104	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2083	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1851	NA	NA
AMD V105	299	2598	NA	NA
AMD V120	623	2302	NA	NA
AMD V140	640	2293	12.83	\$49.95*
AMD V160	681	2276	NA	NA
AMD Z-01	523	2355	NA	NA
AMD Z-60 APU	500	2373	NA	NA
AMD-K6 3D	90	2775	NA	NA
AMD-K6-III	108	2772	NA	NA
AMD-K7	403	2475	NA	NA
Athlon 64 Dual Core 3800+	1234	1972	NA	NA
Athlon 64 Dual Core 4200+	1156	2013	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	1888	NA	NA
Athlon 64 Dual Core 5000+	1507	1830	NA	NA
Athlon 64 Dual Core 5400+	1614	1780	NA	NA
Athlon 64 Dual Core 5600+	1548	1809	NA	NA
Athlon Dual Core 4050e	968	2126	NA	NA
Athlon Dual Core 4450e	1081	2058	NA	NA
Athlon Dual Core 4850e	1327	1912	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1268	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1084	2053	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1168	2004	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1200	1987	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	1945	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1984	NA	NA
HP Hexa-Core 2.0GHz	2178	1512	4.32	\$504.27*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel 1300 @ 1.66GHz	857	2192	NA	NA
Intel 1400 @ 1.83GHz	980	2118	NA	NA
Intel 1500 @ 2.00GHz	1024	2086	NA	NA
Intel Atom 230 @ 1.60GHz	307	2584	NA	NA
Intel Atom 330 @ 1.60GHz	587	2318	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2175	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2132	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1550	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2329	1446	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1513	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	991	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1109	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1161	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1401	32.73	\$75.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C3558 @ 2.20GHz	2538	1370	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	792	14.62	\$332.00*
Intel Atom D410 @ 1.66GHz	301	2594	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2546	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2285	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	703	2264	NA	NA
Intel Atom D2500 @ 1.86GHz	404	2473	NA	NA
Intel Atom D2550 @ 1.86GHz	678	2277	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2257	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2198	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2253	NA	NA
Intel Atom E660 @ 1.30GHz	271	2646	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2543	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2559	2.22	\$149.00
Intel Atom E3825 @ 1.33GHz	579	2324	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2380	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2195	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2009	NA	NA
Intel Atom E3845 @ 1.91GHz	1496	1836	NA	NA
Intel Atom E3940 @ 1.60GHz	1889	1638	NA	NA
Intel Atom E3950 @ 1.60GHz	1827	1668	NA	NA
Intel Atom K510 @ 1.66GHz	658	2283	NA	NA
Intel Atom N270 @ 1.60GHz	268	2649	NA	NA
Intel Atom N280 @ 1.66GHz	283	2627	NA	NA
Intel Atom N435 @ 1.33GHz	261	2657	NA	NA
Intel Atom N450 @ 1.66GHz	296	2604	NA	NA
Intel Atom N455 @ 1.66GHz	284	2623	NA	NA
Intel Atom N470 @ 1.83GHz	307	2583	NA	NA
Intel Atom N475 @ 1.83GHz	314	2575	NA	NA
Intel Atom N550 @ 1.50GHz	525	2354	6.11	\$86.00*
Intel Atom N570 @ 1.66GHz	574	2328	6.68	\$86.00*
Intel Atom N2100 @ 1.60GHz	305	2587	NA	NA
Intel Atom N2600 @ 1.60GHz	525	2352	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N2800 @ 1.86GHz	628	2298	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2165	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1565	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2216	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1623	1775	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1197	1988	9.00	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1017	2091	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1269	1951	60.46	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1693	1735	27.07	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1841	1661	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1901	1625	25.82	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1901	1624	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2726	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2702	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2705	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2633	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z540 @ 1.86GHz	348	2540	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2500	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2681	NA	NA
Intel Atom Z2760 @ 1.80GHz	565	2333	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2166	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2155	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2171	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2169	NA	NA
Intel Atom Z3736F @ 1.33GHz	922	2162	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	2066	NA	NA
Intel Atom Z3740D @ 1.33GHz	1023	2088	NA	NA
Intel Atom Z3745 @ 1.33GHz	1071	2062	NA	NA
Intel Atom Z3745D @ 1.33GHz	1034	2079	NA	NA
Intel Atom Z3770 @ 1.46GHz	1243	1968	8.32	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2219	NA	NA
Intel Atom Z3775 @ 1.46GHz	1256	1956	35.90	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1944	NA	NA
Intel Atom Z3795 @ 1.60GHz	1771	1689	NA	NA
Intel Celeron 1.70GHz	130	2765	NA	NA
Intel Celeron 1.80GHz	136	2762	NA	NA
Intel Celeron 2.00GHz	185	2734	NA	NA
Intel Celeron 2.10GHz	244	2679	NA	NA
Intel Celeron 2.13GHz	208	2713	NA	NA
Intel Celeron 2.20GHz	213	2708	NA	NA
Intel Celeron 2.26GHz	223	2697	NA	NA
Intel Celeron 2.30GHz	227	2694	NA	NA
Intel Celeron 2.40GHz	217	2703	NA	NA
Intel Celeron 2.50GHz	247	2673	NA	NA
Intel Celeron 2.53GHz	245	2677	NA	NA
Intel Celeron 2.60GHz	238	2684	NA	NA
Intel Celeron 2.66GHz	252	2668	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	2678	NA	NA
Intel Celeron 2.80GHz	254	2663	NA	NA
Intel Celeron 2.93GHz	283	2626	NA	NA
Intel Celeron 3.06GHz	284	2622	NA	NA
Intel Celeron 3.20GHz	288	2615	NA	NA
Intel Celeron 3.33GHz	333	2556	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2565	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2568	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2423	11.25	\$39.99
Intel Celeron 430 @ 1.80GHz	490	2379	16.35	\$29.99
Intel Celeron 440 @ 2.00GHz	546	2338	26.02	\$21.01
Intel Celeron 450 @ 2.20GHz	626	2300	20.89	\$29.99
Intel Celeron 530 @ 1.73GHz	468	2403	20.37	\$23.00*
Intel Celeron 540 @ 1.86GHz	512	2362	NA	NA
Intel Celeron 550 @ 2.00GHz	515	2360	15.26	\$33.80
Intel Celeron 560 @ 2.13GHz	535	2347	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2357	NA	NA
Intel Celeron 600MHz	147	2758	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 723 @ 1.20GHz	405	2471	NA	NA
Intel Celeron 743 @ 1.30GHz	433	2447	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2240	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2516	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2305	NA	NA
Intel Celeron 847 @ 1.10GHz	936	2150	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1026	2084	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2020	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2001	39.12	\$29.99
Intel Celeron 877 @ 1.40GHz	1288	1936	NA	NA
Intel Celeron 887 @ 1.50GHz	1272	1947	NA	NA
Intel Celeron 900 @ 2.20GHz	677	2279	23.38	\$28.99
Intel Celeron 925 @ 2.30GHz	688	2270	NA	NA
Intel Celeron 1000M @ 1.80GHz	1674	1746	NA	NA
Intel Celeron 1000MHz	213	2707	NA	NA
Intel Celeron 1005M @ 1.90GHz	1811	1675	NA	NA
Intel Celeron 1007U @ 1.50GHz	1393	1876	7.53	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1519	1823	NA	NA
Intel Celeron 1019Y @ 1.00GHz	926	2156	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1493	NA	NA
Intel Celeron 1037U @ 1.80GHz	1735	1708	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1992	NA	NA
Intel Celeron 1066MHz	259	2658	NA	NA
Intel Celeron 1100MHz	174	2744	NA	NA
Intel Celeron 1133MHz	282	2628	NA	NA
Intel Celeron 1200MHz	244	2680	NA	NA
Intel Celeron 1300MHz	288	2617	NA	NA
Intel Celeron 1333MHz	290	2611	NA	NA
Intel Celeron 1400MHz	302	2591	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2000E @ 2.20GHz	2365	1437	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1784	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	2030	1569	NA	NA
Intel Celeron 2955U @ 1.40GHz	1419	1863	NA	NA
Intel Celeron 2957U @ 1.40GHz	1441	1856	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2034	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1452	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1795	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1803	NA	NA
Intel Celeron 3205U @ 1.50GHz	1520	1818	5.30	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1639	1765	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1728	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1586	NA	NA
Intel Celeron 3855U @ 1.60GHz	1657	1760	NA	NA
Intel Celeron 3865U @ 1.80GHz	1925	1613	NA	NA
Intel Celeron 3955U @ 2.00GHz	1862	1650	NA	NA
Intel Celeron 3965U @ 2.20GHz	2411	1416	22.54	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1619	1776	15.14	\$107.00*
Intel Celeron @ 1.30GHz	965	2127	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2732	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron B720 @ 1.70GHz	814	2214	NA	NA
Intel Celeron B800 @ 1.50GHz	1279	1943	NA	NA
Intel Celeron B810 @ 1.60GHz	1411	1868	NA	NA
Intel Celeron B815 @ 1.60GHz	1366	1890	NA	NA
Intel Celeron B820 @ 1.70GHz	1427	1860	36.34	\$39.29*
Intel Celeron B830 @ 1.80GHz	1520	1820	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1713	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2648	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2592	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2572	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2555	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2472	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2394	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2319	NA	NA
Intel Celeron E1200 @ 1.60GHz	861	2185	3.83	\$225.00
Intel Celeron E1400 @ 2.00GHz	1048	2072	11.65	\$89.95
Intel Celeron E1500 @ 2.20GHz	1172	2002	59.67	\$19.65
Intel Celeron E1600 @ 2.40GHz	1260	1955	NA	NA
Intel Celeron E3200 @ 2.40GHz	1393	1877	26.81	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1382	1881	24.10	\$57.38
Intel Celeron E3400 @ 2.60GHz	1439	1857	19.08	\$75.47
Intel Celeron E3500 @ 2.70GHz	1454	1850	46.91	\$31.00
Intel Celeron G440 @ 1.60GHz	690	2269	13.81	\$49.99
Intel Celeron G460 @ 1.80GHz	1028	2081	15.83	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2064	35.48	\$29.99
Intel Celeron G470 @ 2.00GHz	1298	1927	NA	NA
Intel Celeron G530 @ 2.40GHz	2139	1523	53.51	\$39.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G530T @ 2.00GHz	1717	1714	NA	NA
Intel Celeron G540 @ 2.50GHz	2205	1501	175.19	\$12.59*
Intel Celeron G540T @ 2.10GHz	2114	1536	NA	NA
Intel Celeron G550 @ 2.60GHz	2285	1467	114.33	\$19.99
Intel Celeron G550T @ 2.20GHz	2063	1556	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1413	15.77	\$153.59
Intel Celeron G1101 @ 2.27GHz	1667	1751	84.34	\$19.77
Intel Celeron G1610 @ 2.60GHz	2491	1391	99.68	\$24.99
Intel Celeron G1610T @ 2.30GHz	2303	1458	57.53	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2582	1355	16.81	\$153.59*
Intel Celeron G1620T @ 2.40GHz	2353	1441	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1390	49.89	\$49.99
Intel Celeron G1820 @ 2.70GHz	2759	1300	36.79	\$75.00
Intel Celeron G1820T @ 2.40GHz	2505	1385	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1526	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1368	36.35	\$69.99
Intel Celeron G1840 @ 2.80GHz	2860	1263	39.19	\$72.99
Intel Celeron G1840T @ 2.50GHz	2605	1345	NA	NA
Intel Celeron G1850 @ 2.90GHz	2907	1247	36.35	\$79.99
Intel Celeron G3900 @ 2.80GHz	3149	1168	59.86	\$52.62
Intel Celeron G3900E @ 2.40GHz	2679	1322	NA	NA
Intel Celeron G3900T @ 2.60GHz	2919	1243	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3900TE @ 2.30GHz	2591	1350	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3113	1177	48.91	\$63.65
Intel Celeron G3930 @ 2.90GHz	3041	1200	59.44	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1294	65.87	\$42.00*
Intel Celeron G3950 @ 3.00GHz	3006	1211	42.21	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3269	1124	73.16	\$44.69
Intel Celeron G4900T @ 2.90GHz	2960	1227	NA	NA
Intel Celeron G4920 @ 3.20GHz	3318	1114	39.99	\$82.99
Intel Celeron J1750 @ 2.41GHz	1037	2078	NA	NA
Intel Celeron J1800 @ 2.41GHz	1026	2085	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1781	NA	NA
Intel Celeron J1900 @ 1.99GHz	1851	1655	NA	NA
Intel Celeron J3060 @ 1.60GHz	981	2117	NA	NA
Intel Celeron J3160 @ 1.60GHz	1788	1684	NA	NA
Intel Celeron J3355 @ 2.00GHz	1180	1997	NA	NA
Intel Celeron J3455 @ 1.50GHz	2144	1521	5.64	\$379.99*
Intel Celeron J4005 @ 2.00GHz	1601	1788	6.42	\$249.44*
Intel Celeron J4105 @ 1.50GHz	2641	1333	24.69	\$107.00*
Intel Celeron M 1.00GHz	207	2714	16.60	\$12.49
Intel Celeron M 1.30GHz	316	2571	NA	NA
Intel Celeron M 1.50GHz	343	2548	NA	NA
Intel Celeron M 1.60GHz	365	2523	NA	NA
Intel Celeron M 1.70GHz	393	2491	NA	NA
Intel Celeron M 360 1.40GHz	327	2562	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2573	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 420 @ 1.60GHz	339	2550	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2519	NA	NA
Intel Celeron M 440 @ 1.86GHz	397	2483	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2665	NA	NA
Intel Celeron M 450 @ 2.00GHz	455	2417	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2448	NA	NA
Intel Celeron M 530 @ 1.73GHz	458	2413	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2342	NA	NA
Intel Celeron M 600MHz	151	2756	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2416	NA	NA
Intel Celeron M 900MHz	202	2719	NA	NA
Intel Celeron M 1200MHz	275	2643	NA	NA
Intel Celeron M 1300MHz	303	2589	NA	NA
Intel Celeron M 1500MHz	332	2558	NA	NA
Intel Celeron M ULV 800MHz	184	2737	NA	NA
Intel Celeron N2805 @ 1.46GHz	454	2419	NA	NA
Intel Celeron N2806 @ 1.60GHz	789	2224	NA	NA
Intel Celeron N2807 @ 1.58GHz	852	2194	NA	NA
Intel Celeron N2808 @ 1.58GHz	920	2163	NA	NA
Intel Celeron N2810 @ 2.00GHz	777	2226	5.55	\$139.99*
Intel Celeron N2815 @ 1.86GHz	860	2186	NA	NA
Intel Celeron N2820 @ 2.13GHz	938	2148	4.47	\$209.99
Intel Celeron N2830 @ 2.16GHz	950	2137	NA	NA
Intel Celeron N2840 @ 2.16GHz	1003	2099	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2910 @ 1.60GHz	1203	1986	NA	NA
Intel Celeron N2920 @ 1.86GHz	1499	1834	NA	NA
Intel Celeron N2930 @ 1.83GHz	1628	1772	NA	NA
Intel Celeron N2940 @ 1.83GHz	1734	1709	NA	NA
Intel Celeron N3000 @ 1.04GHz	901	2173	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2128	NA	NA
Intel Celeron N3050 @ 1.60GHz	881	2179	7.38	\$119.42*
Intel Celeron N3060 @ 1.60GHz	983	2115	NA	NA
Intel Celeron N3150 @ 1.60GHz	1658	1758	NA	NA
Intel Celeron N3160 @ 1.60GHz	1675	1744	5.84	\$286.99*
Intel Celeron N3350 @ 1.10GHz	1112	2031	NA	NA
Intel Celeron N3450 @ 1.10GHz	1838	1664	11.50	\$159.92
Intel Celeron N4100 @ 1.10GHz	2333	1445	21.81	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1139	2024	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2111	NA	NA
Intel Celeron P4600 @ 2.00GHz	1340	1904	NA	NA
Intel Celeron SU2300 @ 1.20GHz	772	2229	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2138	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2068	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1725	NA	NA
Intel Celeron U3400 @ 1.07GHz	733	2246	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2273	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2217	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E4300 @ 1.80GHz	1049	2071	87.57	\$11.99
Intel Core2 Duo E4400 @ 2.00GHz	1157	2011	23.15	\$49.99
Intel Core2 Duo E4500 @ 2.20GHz	1271	1949	31.80	\$39.99
Intel Core2 Duo E4600 @ 2.40GHz	1384	1879	8.77	\$157.95
Intel Core2 Duo E4700 @ 2.60GHz	1483	1841	54.96	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1109	2035	85.44	\$12.99
Intel Core2 Duo E6320 @ 1.86GHz	1184	1995	23.70	\$49.99
Intel Core2 Duo E6400 @ 2.13GHz	1290	1935	64.66	\$19.95
Intel Core2 Duo E6420 @ 2.13GHz	1361	1894	27.23	\$49.99
Intel Core2 Duo E6540 @ 2.33GHz	1458	1847	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1499	1833	100.31	\$14.95
Intel Core2 Duo E6600 @ 2.40GHz	1553	1808	103.65	\$14.99
Intel Core2 Duo E6700 @ 2.66GHz	1692	1736	56.45	\$29.99
Intel Core2 Duo E6750 @ 2.66GHz	1714	1718	132.41	\$12.95
Intel Core2 Duo E6850 @ 3.00GHz	1948	1604	38.98	\$49.99
Intel Core2 Duo E7200 @ 2.53GHz	1630	1771	21.75	\$75.00
Intel Core2 Duo E7300 @ 2.66GHz	1727	1710	86.43	\$19.99
Intel Core2 Duo E7400 @ 2.80GHz	1774	1688	61.20	\$28.99
Intel Core2 Duo E7500 @ 2.93GHz	1875	1644	125.10	\$14.99
Intel Core2 Duo E7600 @ 3.06GHz	1972	1592	16.44	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1520	1821	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1746	1700	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1888	1639	37.77	\$49.99
Intel Core2 Duo E8235 @ 2.80GHz	1965	1595	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1440	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1992	1584	99.67	\$19.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8335 @ 2.66GHz	1846	1657	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1530	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2151	1519	16.56	\$129.95*
Intel Core2 Duo E8435 @ 3.06GHz	2127	1531	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2283	1469	57.10	\$39.99
Intel Core2 Duo E8600 @ 3.33GHz	2410	1417	48.23	\$49.99
Intel Core2 Duo E8700 @ 3.50GHz	2212	1497	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2233	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2274	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	827	2206	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2196	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	963	2129	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2121	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2027	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1067	2063	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1318	1916	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1291	1933	64.62	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	1926	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	1865	35.42	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2141	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1516	1827	6.59	\$229.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P7570 @ 2.26GHz	1450	1852	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2089	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1456	1849	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1813	31.24	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1623	1774	42.74	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1703	30.56	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1805	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1765	1691	1.77	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1738	1705	17.56	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1881	1642	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2012	1577	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2317	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1268	1952	5.01	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1745	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	934	2152	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	829	2205	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	834	2202	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	816	2213	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	935	2151	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	911	2168	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	909	2170	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	925	2157	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1044	2075	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1028	2082	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	995	2109	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1091	2047	109.30	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1108	2037	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1195	1989	75.16	\$15.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5870 @ 2.00GHz	1143	2021	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	1982	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1225	1974	81.72	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1286	1937	85.84	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1255	1958	32.60	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1362	1893	72.11	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1367	1889	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1018	2090	46.31	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1166	2007	11.67	\$99.95
Intel Core2 Duo T7250 @ 2.00GHz	1111	2032	5.51	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1193	1990	38.51	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1243	1967	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1273	1946	29.63	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1381	1882	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1419	1864	23.68	\$59.95*
Intel Core2 Duo T7800 @ 2.60GHz	1608	1783	2.65	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1297	1928	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1474	1843	6.89	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1669	1749	28.79	\$57.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T9400 @ 2.53GHz	1735	1707	24.82	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1799	1680	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1800	1679	6.02	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1612	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2013	1576	4.75	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2130	1528	5.34	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	871	2182	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	582	2322	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	664	2280	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2266	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2188	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1132	2026	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1738	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3651	1032	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3635	1033	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3464	1079	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1870	1646	7.09	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1678	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1910	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1740	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1906	1621	4.65	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2061	1557	2.42	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4164	922	4.84	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4597	838	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4611	831	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	821	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2954	1228	73.91	\$39.98
Intel Core2 Quad Q6700 @ 2.66GHz	3288	1122	73.09	\$44.99
Intel Core2 Quad Q8200 @ 2.33GHz	2813	1277	122.38	\$22.99
Intel Core2 Quad Q8300 @ 2.50GHz	2986	1219	59.74	\$49.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q8400 @ 2.66GHz	3169	1156	13.21	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2528	1374	6.50	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1133	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3162	1162	63.26	\$49.99
Intel Core2 Quad Q9400 @ 2.66GHz	3346	1107	98.46	\$33.99
Intel Core2 Quad Q9450 @ 2.66GHz	3761	1004	11.23	\$335.00
Intel Core2 Quad Q9500 @ 2.83GHz	3547	1056	101.40	\$34.99
Intel Core2 Quad Q9505 @ 2.83GHz	3569	1049	18.79	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3973	956	81.10	\$48.99
Intel Core2 Quad Q9650 @ 3.00GHz	4170	919	77.25	\$53.99
Intel Core2 Quad Q9705 @ 3.16GHz	3947	961	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	350	2538	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2580	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2457	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	467	2404	NA	NA
Intel Core 330 @ 1.60GHz	643	2290	NA	NA
Intel Core 860 @ 2.80GHz	4555	846	14.74	\$309.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo L2300 @ 1.50GHz	719	2254	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2258	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	2250	NA	NA
Intel Core Duo T2050 @ 1.60GHz	694	2267	NA	NA
Intel Core Duo T2250 @ 1.73GHz	758	2237	NA	NA
Intel Core Duo T2300 @ 1.66GHz	729	2249	NA	NA
Intel Core Duo T2350 @ 1.86GHz	760	2234	NA	NA
Intel Core Duo T2400 @ 1.83GHz	793	2221	49.62	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2207	NA	NA
Intel Core Duo T2500 @ 2.00GHz	868	2184	7.24	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	941	2145	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2087	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2341	NA	NA
Intel Core Duo U2500 @ 1.20GHz	512	2363	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1608	NA	NA
Intel Core i3-330M @ 2.13GHz	1790	1683	36.88	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1071	2061	NA	NA
Intel Core i3-350M @ 2.27GHz	1894	1632	43.00	\$44.05
Intel Core i3-370M @ 2.40GHz	2017	1575	50.48	\$39.96*
Intel Core i3-380M @ 2.53GHz	2094	1546	42.74	\$49.00*
Intel Core i3-380UM @ 1.33GHz	1168	2005	NA	NA
Intel Core i3-390M @ 2.67GHz	2180	1510	55.99	\$38.95*
Intel Core i3-530 @ 2.93GHz	2568	1362	128.44	\$20.00
Intel Core i3-540 @ 3.07GHz	2688	1321	128.02	\$21.00
Intel Core i3-550 @ 3.20GHz	2827	1270	15.71	\$179.95
Intel Core i3-560 @ 3.33GHz	2943	1231	98.18	\$29.98
Intel Core i3-2100 @ 3.10GHz	3687	1027	61.47	\$59.99
Intel Core i3-2100T @ 2.50GHz	2934	1235	48.92	\$59.99
Intel Core i3-2102 @ 3.10GHz	3736	1013	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3704	1019	46.32	\$79.99
Intel Core i3-2120 @ 3.30GHz	3923	970	130.79	\$30.00
Intel Core i3-2120T @ 2.60GHz	3160	1165	27.97	\$113.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2125 @ 3.30GHz	4025	944	20.23	\$199.00
Intel Core i3-2130 @ 3.40GHz	4060	936	58.02	\$69.99
Intel Core i3-2140 @ 3.50GHz	4325	893	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1266	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2427	1410	62.56	\$38.81
Intel Core i3-2312M @ 2.10GHz	2381	1428	NA	NA
Intel Core i3-2328M @ 2.20GHz	2532	1373	27.24	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1189	NA	NA
Intel Core i3-2330M @ 2.20GHz	2520	1377	14.81	\$170.20
Intel Core i3-2332M @ 2.20GHz	2382	1427	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1712	NA	NA
Intel Core i3-2348M @ 2.30GHz	2619	1341	NA	NA
Intel Core i3-2350M @ 2.30GHz	2619	1342	62.41	\$41.97*
Intel Core i3-2357M @ 1.30GHz	1556	1807	NA	NA
Intel Core i3-2365M @ 1.40GHz	1681	1742	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2367M @ 1.40GHz	1704	1726	NA	NA
Intel Core i3-2370M @ 2.40GHz	2776	1291	69.74	\$39.81
Intel Core i3-2375M @ 1.50GHz	1780	1685	NA	NA
Intel Core i3-2377M @ 1.50GHz	1820	1672	NA	NA
Intel Core i3-3110M @ 2.40GHz	3077	1188	38.49	\$79.95
Intel Core i3-3120M @ 2.50GHz	3218	1144	23.15	\$139.00
Intel Core i3-3130M @ 2.60GHz	3405	1088	NA	NA
Intel Core i3-3210 @ 3.20GHz	4031	943	40.32	\$99.99
Intel Core i3-3217U @ 1.80GHz	2302	1460	10.01	\$229.99
Intel Core i3-3217UE @ 1.60GHz	2162	1515	NA	NA
Intel Core i3-3220 @ 3.30GHz	4237	909	121.42	\$34.90
Intel Core i3-3220T @ 2.80GHz	3698	1023	36.99	\$99.99
Intel Core i3-3225 @ 3.30GHz	4336	890	43.37	\$99.99
Intel Core i3-3227U @ 1.90GHz	2465	1400	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1694	1734	NA	NA
Intel Core i3-3240 @ 3.40GHz	4308	896	63.38	\$67.99
Intel Core i3-3240T @ 2.90GHz	3686	1028	NA	NA
Intel Core i3-3245 @ 3.40GHz	4424	868	55.32	\$79.99
Intel Core i3-3250 @ 3.50GHz	4446	864	46.81	\$94.99
Intel Core i3-3250T @ 3.00GHz	3021	1204	NA	NA
Intel Core i3-4000M @ 2.40GHz	3241	1135	16.21	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2448	1405	NA	NA
Intel Core i3-4010U @ 1.70GHz	2435	1408	19.59	\$124.31
Intel Core i3-4010Y @ 1.30GHz	1900	1627	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2158	1516	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2212	1498	NA	NA
Intel Core i3-4025U @ 1.90GHz	2779	1290	NA	NA
Intel Core i3-4030U @ 1.90GHz	2705	1315	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1384	NA	NA
Intel Core i3-4100M @ 2.50GHz	3489	1070	15.97	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	975	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1253	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1196	NA	NA
Intel Core i3-4130 @ 3.40GHz	4795	801	34.26	\$139.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4130T @ 2.90GHz	4137	927	46.49	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4892	782	30.42	\$160.81
Intel Core i3-4150T @ 3.00GHz	4267	902	18.56	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1245	NA	NA
Intel Core i3-4160 @ 3.60GHz	5055	749	36.11	\$139.99
Intel Core i3-4160T @ 3.10GHz	4415	872	29.64	\$148.99
Intel Core i3-4170 @ 3.70GHz	5191	724	34.61	\$149.99
Intel Core i3-4170T @ 3.20GHz	4565	845	21.75	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5094	740	28.31	\$179.99
Intel Core i3-4330T @ 3.00GHz	4482	859	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1148	NA	NA
Intel Core i3-4340 @ 3.60GHz	5240	720	31.01	\$168.99
Intel Core i3-4350 @ 3.60GHz	4963	770	29.37	\$168.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4350T @ 3.10GHz	4302	897	NA	NA
Intel Core i3-4360 @ 3.70GHz	5460	683	19.51	\$279.95
Intel Core i3-4360T @ 3.20GHz	4636	823	NA	NA
Intel Core i3-4370 @ 3.80GHz	5600	666	12.45	\$449.97
Intel Core i3-4370T @ 3.30GHz	4855	791	35.18	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	776	NA	NA
Intel Core i3-5005U @ 2.00GHz	2903	1251	NA	NA
Intel Core i3-5010U @ 2.10GHz	3049	1198	10.03	\$303.93*
Intel Core i3-5015U @ 2.10GHz	3038	1201	NA	NA
Intel Core i3-5020U @ 2.20GHz	3185	1152	6.94	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3661	1031	NA	NA
Intel Core i3-6006U @ 2.00GHz	3092	1182	NA	NA
Intel Core i3-6098P @ 3.60GHz	5415	694	40.49	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5489	678	30.97	\$177.27
Intel Core i3-6100E @ 2.70GHz	3769	1002	NA	NA
Intel Core i3-6100H @ 2.70GHz	4246	908	NA	NA
Intel Core i3-6100T @ 3.20GHz	4855	790	25.56	\$189.99
Intel Core i3-6100TE @ 2.70GHz	4337	889	NA	NA
Intel Core i3-6100U @ 2.30GHz	3601	1039	6.99	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	983	NA	NA
Intel Core i3-6300 @ 3.80GHz	5849	635	40.91	\$142.99
Intel Core i3-6300T @ 3.30GHz	5249	718	30.20	\$173.82
Intel Core i3-6320 @ 3.90GHz	6047	614	37.80	\$159.99
Intel Core i3-7020U @ 2.30GHz	3543	1059	12.61	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5782	641	41.06	\$140.84
Intel Core i3-7100H @ 3.00GHz	4768	804	21.19	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5044	753	56.69	\$89.00*
Intel Core i3-7100U @ 2.40GHz	3793	995	11.22	\$337.98*
Intel Core i3-7101TE @ 3.40GHz	5016	758	42.88	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4039	940	14.38	\$281.00*
Intel Core i3-7300 @ 4.00GHz	6436	577	17.78	\$362.00*
Intel Core i3-7300T @ 3.50GHz	5369	699	27.48	\$195.41*
Intel Core i3-7320 @ 4.10GHz	6541	567	29.18	\$224.15*
Intel Core i3-7350K @ 4.20GHz	6623	561	32.08	\$206.46
Intel Core i3-8100 @ 3.60GHz	8080	422	70.27	\$114.99
Intel Core i3-8100T @ 3.10GHz	7431	482	37.92	\$195.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8109U @ 3.00GHz	6193	599	NA	NA
Intel Core i3-8130U @ 2.20GHz	5032	756	17.91	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5721	650	20.36	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8675	384	46.57	\$186.27*
Intel Core i3-8300T @ 3.20GHz	7650	466	33.71	\$226.99*
Intel Core i3-8350K @ 4.00GHz	9240	332	49.95	\$184.99
Intel Core i5 750S @ 2.40GHz	2197	1505	21.97	\$99.99
Intel Core i5 E 520 @ 2.40GHz	2486	1393	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3617	1036	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3737	1012	NA	NA
Intel Core i5-430M @ 2.27GHz	2100	1544	15.01	\$139.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-430UM @ 1.20GHz	1339	1905	NA	NA
Intel Core i5-450M @ 2.40GHz	2116	1535	66.24	\$31.95*
Intel Core i5-460M @ 2.53GHz	2325	1448	31.03	\$74.95
Intel Core i5-470UM @ 1.33GHz	1081	2059	NA	NA
Intel Core i5-480M @ 2.67GHz	2405	1420	29.85	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1487	NA	NA
Intel Core i5-520M @ 2.40GHz	2370	1434	33.87	\$69.99*
Intel Core i5-520UM @ 1.07GHz	1356	1898	NA	NA
Intel Core i5-540M @ 2.53GHz	2449	1404	12.90	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1374	1887	NA	NA
Intel Core i5-560M @ 2.67GHz	2587	1351	28.76	\$89.97
Intel Core i5-560UM @ 1.33GHz	1664	1753	NA	NA
Intel Core i5-580M @ 2.67GHz	2626	1338	23.89	\$109.95*
Intel Core i5-650 @ 3.20GHz	3102	1180	31.03	\$99.99
Intel Core i5-655K @ 3.20GHz	3399	1094	56.67	\$59.99
Intel Core i5-660 @ 3.33GHz	3247	1131	66.28	\$49.00
Intel Core i5-661 @ 3.33GHz	3178	1154	31.79	\$99.99
Intel Core i5-670 @ 3.47GHz	3310	1118	36.79	\$89.99
Intel Core i5-680 @ 3.60GHz	3513	1064	39.05	\$89.99
Intel Core i5-750 @ 2.67GHz	3694	1024	17.65	\$209.29
Intel Core i5-760 @ 2.80GHz	3890	971	38.91	\$99.99
Intel Core i5-2300 @ 2.80GHz	5343	704	66.81	\$79.99
Intel Core i5-2310 @ 2.90GHz	5534	675	69.20	\$79.98
Intel Core i5-2320 @ 3.00GHz	5758	645	35.99	\$160.00
Intel Core i5-2380P @ 3.10GHz	5695	654	63.29	\$89.99
Intel Core i5-2390T @ 2.70GHz	4260	905	42.65	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5956	621	70.91	\$83.99
Intel Core i5-2400S @ 2.50GHz	4962	771	75.54	\$65.70
Intel Core i5-2405S @ 2.50GHz	5065	747	30.81	\$164.40*
Intel Core i5-2410M @ 2.30GHz	3165	1159	40.55	\$78.07*
Intel Core i5-2415M @ 2.30GHz	3299	1120	NA	NA
Intel Core i5-2430M @ 2.40GHz	3281	1123	39.02	\$84.11
Intel Core i5-2435M @ 2.40GHz	3239	1137	NA	NA
Intel Core i5-2450M @ 2.50GHz	3396	1096	38.59	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6144	604	68.28	\$89.99
Intel Core i5-2467M @ 1.60GHz	2335	1444	NA	NA
Intel Core i5-2500 @ 3.30GHz	6328	590	71.11	\$88.99
Intel Core i5-2500K @ 3.30GHz	6476	574	52.23	\$123.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2500S @ 2.70GHz	5317	710	70.91	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4608	833	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	1029	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1116	NA	NA
Intel Core i5-2520M @ 2.50GHz	3587	1045	21.16	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2095	1545	NA	NA
Intel Core i5-2540M @ 2.60GHz	3780	999	60.06	\$62.95
Intel Core i5-2550K @ 3.40GHz	6666	556	51.69	\$128.99
Intel Core i5-2557M @ 1.70GHz	2671	1325	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2560M @ 2.70GHz	3752	1007	NA	NA
Intel Core i5-3210M @ 2.50GHz	3823	986	31.68	\$120.68*
Intel Core i5-3230M @ 2.60GHz	3937	966	15.77	\$249.65*
Intel Core i5-3317U @ 1.70GHz	3088	1183	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4114	932	33.52	\$122.74*
Intel Core i5-3330 @ 3.00GHz	5934	625	19.14	\$309.99
Intel Core i5-3330S @ 2.70GHz	5666	658	59.66	\$94.99
Intel Core i5-3335S @ 2.70GHz	5788	640	NA	NA
Intel Core i5-3337U @ 1.80GHz	3222	1139	14.32	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2237	1491	NA	NA
Intel Core i5-3340 @ 3.10GHz	6086	609	23.23	\$262.01
Intel Core i5-3340M @ 2.70GHz	4250	906	53.16	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	636	39.24	\$148.99
Intel Core i5-3350P @ 3.10GHz	6145	603	36.15	\$169.99
Intel Core i5-3360M @ 2.80GHz	4421	869	47.64	\$92.81
Intel Core i5-3380M @ 2.90GHz	4425	867	NA	NA
Intel Core i5-3427U @ 1.80GHz	3547	1058	8.45	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3632	1035	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1237	NA	NA
Intel Core i5-3450 @ 3.10GHz	6521	569	50.95	\$127.99
Intel Core i5-3450S @ 2.80GHz	6210	595	62.11	\$99.99
Intel Core i5-3470 @ 3.20GHz	6696	553	54.01	\$123.99
Intel Core i5-3470S @ 2.90GHz	6356	589	44.76	\$142.00
Intel Core i5-3470T @ 2.90GHz	4481	860	19.83	\$226.00*
Intel Core i5-3475S @ 2.90GHz	6612	563	46.08	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6941	531	21.04	\$329.95*
Intel Core i5-3550S @ 3.00GHz	6895	536	20.22	\$341.01*
Intel Core i5-3570 @ 3.40GHz	7106	514	50.76	\$139.99
Intel Core i5-3570K @ 3.40GHz	7170	510	50.15	\$142.99
Intel Core i5-3570S @ 3.10GHz	6745	550	23.67	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5901	629	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3786	998	NA	NA
Intel Core i5-4200H @ 2.80GHz	4430	865	NA	NA
Intel Core i5-4200M @ 2.50GHz	4038	941	22.44	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3289	1121	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1419	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2256	1482	NA	NA
Intel Core i5-4210H @ 2.90GHz	4537	854	NA	NA
Intel Core i5-4210M @ 2.60GHz	4193	913	13.53	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3401	1091	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4210Y @ 1.50GHz	2380	1429	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1481	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1252	NA	NA
Intel Core i5-4250U @ 1.30GHz	3455	1080	9.62	\$358.99*
Intel Core i5-4258U @ 2.40GHz	4078	934	NA	NA
Intel Core i5-4260U @ 1.40GHz	3557	1053	NA	NA
Intel Core i5-4278U @ 2.60GHz	4362	883	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4288U @ 2.60GHz	4358	885	NA	NA
Intel Core i5-4300M @ 2.60GHz	4410	873	NA	NA
Intel Core i5-4300U @ 1.90GHz	3740	1011	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2484	1394	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2967	1224	NA	NA
Intel Core i5-4308U @ 2.80GHz	4190	915	NA	NA
Intel Core i5-4310M @ 2.70GHz	4627	828	NA	NA
Intel Core i5-4310U @ 2.00GHz	3742	1010	NA	NA
Intel Core i5-4330M @ 2.80GHz	4461	862	16.23	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4810	798	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1038	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	850	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	962	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1280	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6317	591	35.10	\$179.99
Intel Core i5-4430S @ 2.70GHz	5906	628	37.15	\$158.99
Intel Core i5-4440 @ 3.10GHz	6497	571	38.22	\$169.99
Intel Core i5-4440S @ 2.80GHz	6212	594	13.42	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6708	552	39.47	\$169.99
Intel Core i5-4460S @ 2.90GHz	6402	586	9.70	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4942	775	NA	NA
Intel Core i5-4570 @ 3.20GHz	7123	513	40.71	\$174.99
Intel Core i5-4570R @ 2.70GHz	6760	547	NA	NA
Intel Core i5-4570S @ 2.90GHz	6786	542	31.93	\$212.57
Intel Core i5-4570T @ 2.90GHz	4825	794	32.39	\$148.99
Intel Core i5-4570TE @ 2.70GHz	3827	985	19.24	\$198.99
Intel Core i5-4590 @ 3.30GHz	7302	498	38.64	\$188.99
Intel Core i5-4590S @ 3.00GHz	7019	524	35.82	\$195.99
Intel Core i5-4590T @ 2.00GHz	5605	665	NA	NA
Intel Core i5-4670 @ 3.40GHz	7441	480	43.52	\$171.00
Intel Core i5-4670K @ 3.40GHz	7632	467	31.80	\$240.00
Intel Core i5-4670K CPT @ 3.40GHz	7411	489	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	486	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	6436	578	NA	NA
Intel Core i5-4670T @ 2.30GHz	6206	596	29.14	\$213.00*
Intel Core i5-4690 @ 3.50GHz	7658	465	42.55	\$179.99
Intel Core i5-4690K @ 3.50GHz	7796	449	38.98	\$199.99
Intel Core i5-4690S @ 3.20GHz	7421	484	27.49	\$269.94*
Intel Core i5-4690T @ 2.50GHz	6495	572	NA	NA
Intel Core i5-5200U @ 2.20GHz	3486	1072	NA	NA
Intel Core i5-5250U @ 1.60GHz	3583	1047	8.11	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4401	874	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-5287U @ 2.90GHz	4681	816	NA	NA
Intel Core i5-5300U @ 2.30GHz	3803	992	7.38	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3482	1073	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	481	NA	NA
Intel Core i5-5675C @ 3.10GHz	8199	411	20.50	\$399.99*

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	8054	426	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4164	921	NA	NA
Intel Core i5-6200U @ 2.30GHz	4016	945	NA	NA
Intel Core i5-6260U @ 1.80GHz	4362	884	8.41	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4993	764	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	807	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6080	611	NA	NA
Intel Core i5-6300U @ 2.40GHz	4369	881	NA	NA
Intel Core i5-6360U @ 2.00GHz	4880	783	NA	NA
Intel Core i5-6400 @ 2.70GHz	6765	546	33.83	\$199.99
Intel Core i5-6400T @ 2.20GHz	5596	667	28.41	\$197.00
Intel Core i5-6402P @ 2.80GHz	7096	516	37.35	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	642	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6781	544	NA	NA
Intel Core i5-6500 @ 3.20GHz	7240	502	30.89	\$234.38
Intel Core i5-6500T @ 2.50GHz	6273	592	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6559	566	26.87	\$244.07
Intel Core i5-6600 @ 3.30GHz	7760	453	35.28	\$219.99
Intel Core i5-6600K @ 3.50GHz	8055	424	28.18	\$285.88
Intel Core i5-6600T @ 2.70GHz	7310	496	41.78	\$174.99
Intel Core i5-7200U @ 2.50GHz	4620	829	NA	NA
Intel Core i5-7260U @ 2.20GHz	5693	655	NA	NA
Intel Core i5-7267U @ 3.10GHz	5098	737	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	660	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6802	541	NA	NA
Intel Core i5-7300U @ 2.60GHz	5173	726	11.25	\$459.99
Intel Core i5-7360U @ 2.30GHz	5929	626	NA	NA
Intel Core i5-7400 @ 3.00GHz	7349	491	35.69	\$205.96
Intel Core i5-7400T @ 2.40GHz	6420	582	37.99	\$169.00
Intel Core i5-7440HQ @ 2.80GHz	7701	460	NA	NA
Intel Core i5-7500 @ 3.40GHz	8021	428	39.11	\$205.11
Intel Core i5-7500T @ 2.70GHz	7042	522	30.03	\$234.55
Intel Core i5-7600 @ 3.50GHz	8773	375	37.11	\$236.45
Intel Core i5-7600K @ 3.80GHz	9129	338	36.37	\$250.99
Intel Core i5-7600T @ 2.80GHz	8097	421	31.00	\$261.25
Intel Core i5-7640X @ 4.00GHz	9591	301	37.29	\$257.18
Intel Core i5-8250U @ 1.60GHz	7665	464	NA	NA
Intel Core i5-8259U @ 2.30GHz	10845	220	NA	NA
Intel Core i5-8265U @ 1.60GHz	8058	423	27.13	\$297.00*
Intel Core i5-8300H @ 2.30GHz	9400	321	37.60	\$250.00*
Intel Core i5-8305G @ 2.80GHz	9092	344	NA	NA
Intel Core i5-8350U @ 1.70GHz	8190	413	27.58	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11672	198	43.14	\$270.55
Intel Core i5-8400H @ 2.50GHz	10375	240	41.50	\$250.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8400T @ 1.70GHz	9623	299	46.05	\$209.00
Intel Core i5-8500 @ 3.00GHz	11947	194	52.17	\$229.00*
Intel Core i5-8500T @ 2.10GHz	10026	268	45.92	\$218.34*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8600 @ 3.10GHz	12608	176	51.58	\$244.47*
Intel Core i5-8600K @ 3.60GHz	12790	170	52.07	\$245.66
Intel Core i5-8600T @ 2.30GHz	10913	217	29.18	\$373.99*
Intel Core i5-9600K @ 3.70GHz	13444	158	48.02	\$279.99
Intel Core i5-24050S @ 2.50GHz	4928	778	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3757	1006	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1594	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1367	NA	NA
Intel Core i7-620LM @ 2.00GHz	1954	1601	NA	NA
Intel Core i7-620M @ 2.67GHz	2723	1311	24.76	\$110.01
Intel Core i7-620UM @ 1.07GHz	1323	1913	NA	NA
Intel Core i7-640LM @ 2.13GHz	2262	1480	NA	NA
Intel Core i7-640M @ 2.80GHz	2837	1267	14.19	\$199.95
Intel Core i7-640UM @ 1.20GHz	1658	1757	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1701	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1721	NA	NA
Intel Core i7-720QM @ 1.60GHz	3013	1207	27.41	\$109.95
Intel Core i7-740QM @ 1.73GHz	3199	1149	29.10	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3227	1138	23.22	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3402	1090	11.73	\$289.97*
Intel Core i7-860 @ 2.80GHz	5009	761	17.28	\$289.95
Intel Core i7-860S @ 2.53GHz	4711	810	23.67	\$198.99
Intel Core i7-870 @ 2.93GHz	5341	706	53.96	\$98.99
Intel Core i7-870S @ 2.67GHz	4969	768	NA	NA
Intel Core i7-875K @ 2.93GHz	5429	690	27.15	\$199.99
Intel Core i7-880 @ 3.07GHz	5595	668	9.60	\$583.00*
Intel Core i7-920 @ 2.67GHz	4927	779	28.32	\$174.00
Intel Core i7-920XM @ 2.00GHz	3771	1001	9.43	\$399.95*
Intel Core i7-930 @ 2.80GHz	5145	730	85.77	\$59.99*
Intel Core i7-940 @ 2.93GHz	5360	701	75.82	\$70.70
Intel Core i7-940XM @ 2.13GHz	3945	964	NA	NA
Intel Core i7-950 @ 3.07GHz	5555	672	16.84	\$329.99
Intel Core i7-960 @ 3.20GHz	5819	639	58.20	\$99.99
Intel Core i7-965 @ 3.20GHz	5856	632	41.83	\$139.99
Intel Core i7-970 @ 3.20GHz	8384	398	56.27	\$148.99
Intel Core i7-975 @ 3.33GHz	6133	605	34.08	\$179.99
Intel Core i7-980 @ 3.33GHz	8668	385	43.56	\$198.99
Intel Core i7-980X @ 3.33GHz	8789	372	40.14	\$218.99
Intel Core i7-985 @ 3.47GHz	6641	558	NA	NA
Intel Core i7-990X @ 3.47GHz	9096	342	25.99	\$349.99
Intel Core i7-995X @ 3.60GHz	9791	284	NA	NA
Intel Core i7-2600 @ 3.40GHz	8195	412	55.01	\$148.99
Intel Core i7-2600K @ 3.40GHz	8448	394	44.47	\$189.99
Intel Core i7-2600S @ 2.80GHz	7073	519	35.54	\$198.99
Intel Core i7-2610UE @ 1.50GHz	2481	1396	NA	NA
Intel Core i7-2617M @ 1.50GHz	2818	1274	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2620M @ 2.70GHz	3838	980	22.60	\$169.81

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2630QM @ 2.00GHz	5532	676	51.11	\$108.24*
Intel Core i7-2630UM @ 1.60GHz	2584	1353	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5456	684	NA	NA
Intel Core i7-2637M @ 1.70GHz	2909	1246	NA	NA
Intel Core i7-2640M @ 2.80GHz	3935	967	21.16	\$185.97*
Intel Core i7-2655LE @ 2.20GHz	3161	1163	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5887	630	22.73	\$259.00*
Intel Core i7-2675QM @ 2.20GHz	5541	674	NA	NA
Intel Core i7-2677M @ 1.80GHz	2828	1269	NA	NA
Intel Core i7-2700K @ 3.50GHz	8716	377	43.58	\$199.99
Intel Core i7-2710QE @ 2.10GHz	5768	644	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	700	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6115	608	32.20	\$189.95
Intel Core i7-2760QM @ 2.40GHz	6579	565	41.17	\$159.81*
Intel Core i7-2820QM @ 2.30GHz	6634	559	26.43	\$251.04*
Intel Core i7-2840QM @ 2.40GHz	6766	545	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6989	528	11.65	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7038	523	11.56	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7216	504	17.60	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3589	1044	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3323	1112	NA	NA
Intel Core i7-3520M @ 2.90GHz	4541	851	19.33	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3843	979	NA	NA
Intel Core i7-3540M @ 3.00GHz	4659	820	10.84	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	4130	929	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	576	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7469	478	18.67	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6622	562	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6828	540	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	493	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7379	490	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7584	471	31.73	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6943	530	20.73	\$335.00*
Intel Core i7-3635QM @ 2.40GHz	6682	554	NA	NA
Intel Core i7-3667U @ 2.00GHz	3987	952	NA	NA
Intel Core i7-3687U @ 2.10GHz	4176	918	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1141	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8124	419	22.63	\$359.00*
Intel Core i7-3740QM @ 2.70GHz	8328	403	34.71	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9291	328	52.20	\$177.99
Intel Core i7-3770K @ 3.50GHz	9520	305	38.39	\$247.99
Intel Core i7-3770S @ 3.10GHz	8878	364	63.43	\$139.99
Intel Core i7-3770T @ 2.50GHz	8203	410	24.86	\$329.99*
Intel Core i7-3820 @ 3.60GHz	9000	355	45.00	\$199.99
Intel Core i7-3820QM @ 2.70GHz	8441	395	17.33	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8778	374	26.20	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	9149	336	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11989	190	30.13	\$397.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3940XM @ 3.00GHz	9309	327	17.27	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12608	175	15.76	\$799.99
Intel Core i7-3970X @ 3.50GHz	12671	173	13.92	\$909.99*
Intel Core i7-4500U @ 1.80GHz	3789	996	NA	NA
Intel Core i7-4510U @ 2.00GHz	3932	969	NA	NA
Intel Core i7-4550U @ 1.50GHz	3713	1017	NA	NA
Intel Core i7-4558U @ 2.80GHz	4373	880	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	891	NA	NA
Intel Core i7-4578U @ 3.00GHz	4758	806	NA	NA
Intel Core i7-4600M @ 2.90GHz	4872	785	NA	NA
Intel Core i7-4600U @ 2.10GHz	4106	933	NA	NA
Intel Core i7-4610M @ 3.00GHz	4983	767	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1009	NA	NA
Intel Core i7-4650U @ 1.70GHz	3967	958	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	509	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7728	458	20.18	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7693	461	40.71	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7486	477	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7134	511	21.22	\$336.25*
Intel Core i7-4710HQ @ 2.50GHz	7734	456	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7997	434	29.45	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7507	475	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7198	506	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8000	432	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	427	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8251	406	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	390	NA	NA
Intel Core i7-4765T @ 2.00GHz	7308	497	18.27	\$399.99
Intel Core i7-4770 @ 3.40GHz	9787	286	40.78	\$239.99
Intel Core i7-4770HQ @ 2.20GHz	8948	359	NA	NA
Intel Core i7-4770K @ 3.50GHz	10093	259	35.42	\$284.99
Intel Core i7-4770R @ 3.20GHz	9819	283	NA	NA
Intel Core i7-4770S @ 3.10GHz	9336	324	37.35	\$249.99
Intel Core i7-4770T @ 2.50GHz	8634	387	21.59	\$399.99
Intel Core i7-4770TE @ 2.30GHz	6732	551	NA	NA
Intel Core i7-4771 @ 3.50GHz	9875	280	32.92	\$299.99
Intel Core i7-4785T @ 2.20GHz	7611	470	NA	NA
Intel Core i7-4790 @ 3.60GHz	9989	272	35.81	\$278.99
Intel Core i7-4790K @ 4.00GHz	11181	204	36.42	\$306.99
Intel Core i7-4790S @ 3.20GHz	9573	303	24.00	\$398.99
Intel Core i7-4790T @ 2.70GHz	9094	343	25.33	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8489	392	16.65	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8646	386	20.35	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9723	292	16.34	\$594.96
Intel Core i7-4850HQ @ 2.30GHz	9016	352	20.78	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7875	441	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9256	331	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4870HQ @ 2.50GHz	9360	322	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9033	350	15.40	\$586.67*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4910MQ @ 2.90GHz	9408	318	20.45	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13017	164	32.71	\$397.99
Intel Core i7-4930MX @ 3.00GHz	9479	308	8.65	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9895	277	16.22	\$609.95
Intel Core i7-4960HQ @ 2.60GHz	9777	288	15.69	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13795	145	17.92	\$769.99
Intel Core i7-4980HQ @ 2.80GHz	10250	248	NA	NA
Intel Core i7-5500U @ 2.40GHz	3971	957	NA	NA
Intel Core i7-5550U @ 2.00GHz	4271	901	NA	NA
Intel Core i7-5557U @ 3.10GHz	4943	774	7.01	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4309	895	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	910	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	414	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	408	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8368	399	NA	NA
Intel Core i7-5775C @ 3.30GHz	10997	215	24.44	\$449.99
Intel Core i7-5775R @ 3.30GHz	10863	218	NA	NA
Intel Core i7-5820K @ 3.30GHz	12989	165	43.30	\$299.99
Intel Core i7-5850HQ @ 2.70GHz	9459	313	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13632	150	27.38	\$497.99
Intel Core i7-5950HQ @ 2.90GHz	10932	216	NA	NA
Intel Core i7-5960X @ 3.00GHz	15948	93	20.74	\$768.99
Intel Core i7-6498DU @ 2.50GHz	4538	853	NA	NA
Intel Core i7-6500U @ 2.50GHz	4427	866	NA	NA
Intel Core i7-6560U @ 2.20GHz	4820	795	NA	NA
Intel Core i7-6567U @ 3.30GHz	5648	661	NA	NA
Intel Core i7-6600U @ 2.60GHz	4803	799	NA	NA
Intel Core i7-6650U @ 2.20GHz	4952	773	NA	NA
Intel Core i7-6700 @ 3.40GHz	10006	271	26.71	\$374.71
Intel Core i7-6700HQ @ 2.60GHz	8134	417	21.52	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11112	207	34.86	\$318.80
Intel Core i7-6700T @ 2.80GHz	9035	349	25.17	\$359.00
Intel Core i7-6700TE @ 2.40GHz	8696	380	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9718	293	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13594	154	32.37	\$419.99
Intel Core i7-6820EQ @ 2.80GHz	8968	356	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9122	339	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8779	373	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	581	NA	NA
Intel Core i7-6850K @ 3.60GHz	14367	129	26.12	\$549.99
Intel Core i7-6900K @ 3.20GHz	17700	61	14.76	\$1,198.99
Intel Core i7-6920HQ @ 2.90GHz	9620	300	16.94	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19977	39	12.78	\$1,562.65
Intel Core i7-7500U @ 2.70GHz	5170	728	NA	NA
Intel Core i7-7560U @ 2.40GHz	5855	633	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7567U @ 3.50GHz	6502	570	NA	NA
Intel Core i7-7600U @ 2.80GHz	5281	716	NA	NA
Intel Core i7-7660U @ 2.50GHz	6034	616	NA	NA
Intel Core i7-7700 @ 3.60GHz	10755	222	34.81	\$308.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7700HQ @ 2.80GHz	8836	370	NA	NA
Intel Core i7-7700K @ 4.20GHz	12041	189	33.92	\$354.99
Intel Core i7-7700T @ 2.90GHz	9176	334	23.23	\$395.08*
Intel Core i7-7740X @ 4.30GHz	12248	183	35.10	\$348.99
Intel Core i7-7800X @ 3.50GHz	14526	123	38.33	\$378.99
Intel Core i7-7820HK @ 2.90GHz	10048	266	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9352	323	24.74	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18550	52	23.48	\$789.99
Intel Core i7-7900X @ 3.30GHz	20046	38	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	10067	263	NA	NA
Intel Core i7-8086K @ 4.00GHz	16851	73	30.47	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3590	1043	9.14	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8333	402	NA	NA
Intel Core i7-8559U @ 2.70GHz	11849	195	NA	NA
Intel Core i7-8565U @ 1.80GHz	8916	362	NA	NA
Intel Core i7-8650U @ 1.90GHz	8856	368	NA	NA
Intel Core i7-8700 @ 3.20GHz	15154	111	37.57	\$403.37
Intel Core i7-8700K @ 3.70GHz	15964	92	40.12	\$397.94
Intel Core i7-8700T @ 2.40GHz	12545	177	29.24	\$429.00
Intel Core i7-8705G @ 3.10GHz	10127	257	NA	NA
Intel Core i7-8706G @ 3.10GHz	10591	230	NA	NA
Intel Core i7-8709G @ 3.10GHz	9536	304	NA	NA
Intel Core i7-8750H @ 2.20GHz	12493	178	31.63	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11054	212	NA	NA
Intel Core i7-8850H @ 2.60GHz	13230	162	33.50	\$395.00*
Intel Core i7-9700K @ 3.60GHz	17366	65	37.15	\$467.50
Intel Core i9-7900X @ 3.30GHz	21996	20	23.65	\$929.99
Intel Core i9-7920X @ 2.90GHz	23212	15	22.76	\$1,019.99
Intel Core i9-7940X @ 3.10GHz	25442	7	20.75	\$1,226.01
Intel Core i9-7960X @ 2.80GHz	25705	6	13.54	\$1,899.00
Intel Core i9-7980XE @ 2.60GHz	27817	2	13.87	\$2,005.50
Intel Core i9-8950HK @ 2.90GHz	14522	124	24.91	\$583.00*
Intel Core i9-9900K @ 3.60GHz	20303	34	27.44	\$739.88
Intel Core m3-6Y30 @ 0.90GHz	3051	1195	NA	NA
Intel Core m3-7Y30 @ 1.00GHz	3542	1060	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	2555	1365	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3364	1104	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3241	1134	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3498	1068	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2722	1312	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1426	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2817	1275	10.03	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2648	1332	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core M-5Y51 @ 1.10GHz	2470	1398	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1206	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2991	1217	10.65	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2490	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2484	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2402	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Solo U1300 @ 1.06GHz	271	2647	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2639	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2560	NA	NA
Intel E3000 @ 3.40GHz	2767	1293	NA	NA
Intel Pentium 4 1.40GHz	164	2747	NA	NA
Intel Pentium 4 1.50GHz	131	2764	NA	NA
Intel Pentium 4 1.60GHz	129	2766	NA	NA
Intel Pentium 4 1.70GHz	132	2763	NA	NA
Intel Pentium 4 1.80GHz	160	2750	NA	NA
Intel Pentium 4 1.90GHz	159	2751	NA	NA
Intel Pentium 4 2.00GHz	189	2729	NA	NA
Intel Pentium 4 2.20GHz	210	2710	NA	NA
Intel Pentium 4 2.26GHz	221	2699	NA	NA
Intel Pentium 4 2.40GHz	228	2692	NA	NA
Intel Pentium 4 2.50GHz	245	2676	NA	NA
Intel Pentium 4 2.53GHz	248	2672	NA	NA
Intel Pentium 4 2.60GHz	288	2618	NA	NA
Intel Pentium 4 2.66GHz	254	2664	NA	NA
Intel Pentium 4 2.80GHz	321	2566	NA	NA
Intel Pentium 4 2.93GHz	299	2600	NA	NA
Intel Pentium 4 3.00GHz	353	2536	NA	NA
Intel Pentium 4 3.06GHz	346	2542	NA	NA
Intel Pentium 4 3.20GHz	374	2506	NA	NA
Intel Pentium 4 3.40GHz	396	2486	NA	NA
Intel Pentium 4 3.46GHz	487	2382	NA	NA
Intel Pentium 4 3.60GHz	488	2381	NA	NA
Intel Pentium 4 3.73GHz	486	2385	NA	NA
Intel Pentium 4 3.80GHz	485	2388	NA	NA
Intel Pentium 4 3.83GHz	195	2724	NA	NA
Intel Pentium 4 4.00GHz	184	2735	NA	NA
Intel Pentium 4 1300MHz	119	2770	NA	NA
Intel Pentium 4 1400MHz	127	2767	NA	NA
Intel Pentium 4 1500MHz	125	2768	NA	NA
Intel Pentium 4 1600MHz	193	2728	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2754	NA	NA
Intel Pentium 4 1800MHz	162	2749	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2757	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2723	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2740	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2712	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2743	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 Mobile 1.90GHz	209	2711	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2718	NA	NA
Intel Pentium 5 2.66GHz	705	2263	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2044	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1157	2012	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2016	NA	NA
Intel Pentium 987 @ 1.50GHz	1226	1973	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	1875	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 1403 @ 2.60GHz	2742	1304	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1205	NA	NA
Intel Pentium 2020M @ 2.40GHz	2281	1472	17.02	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2417	1414	18.04	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1662	1755	12.40	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1819	1674	13.58	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2069	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2304	1455	NA	NA
Intel Pentium 3556U @ 1.70GHz	1702	1729	NA	NA
Intel Pentium 3558U @ 1.70GHz	1686	1739	NA	NA
Intel Pentium 3560M @ 2.40GHz	2240	1489	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1954	NA	NA
Intel Pentium 3805U @ 1.90GHz	1980	1589	NA	NA
Intel Pentium 3825U @ 1.90GHz	2526	1375	NA	NA
Intel Pentium 4405U @ 2.10GHz	2928	1239	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1558	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2056	1561	12.78	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3143	1169	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2199	1504	13.66	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1785	NA	NA
Intel Pentium B940 @ 2.00GHz	1723	1711	57.56	\$29.94*
Intel Pentium B950 @ 2.10GHz	1717	1715	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1654	37.81	\$48.99*
Intel Pentium B970 @ 2.30GHz	1959	1599	38.44	\$50.99*
Intel Pentium B980 @ 2.40GHz	2034	1567	29.09	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	990	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	535	2349	NA	NA
Intel Pentium D 830 @ 3.00GHz	643	2292	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2321	NA	NA
Intel Pentium D 940 @ 3.20GHz	709	2260	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2244	NA	NA
Intel Pentium D 960 @ 3.60GHz	817	2211	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2183	5.50	\$157.95
Intel Pentium E2160 @ 1.80GHz	996	2106	76.96	\$12.95
Intel Pentium E2180 @ 2.00GHz	1088	2049	54.43	\$19.99
Intel Pentium E2200 @ 2.20GHz	1204	1985	16.06	\$75.00
Intel Pentium E2210 @ 2.20GHz	1174	1999	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	1909	8.43	\$157.95
Intel Pentium E5200 @ 2.50GHz	1488	1838	16.54	\$89.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E5300 @ 2.60GHz	1538	1812	99.90	\$15.40
Intel Pentium E5400 @ 2.70GHz	1597	1792	79.92	\$19.99
Intel Pentium E5500 @ 2.80GHz	1638	1767	81.97	\$19.99
Intel Pentium E5700 @ 3.00GHz	1738	1704	116.00	\$14.99
Intel Pentium E5800 @ 3.20GHz	1896	1631	63.25	\$29.99
Intel Pentium E6300 @ 2.80GHz	1707	1723	3.02	\$565.00
Intel Pentium E6500 @ 2.93GHz	1760	1692	11.15	\$157.95
Intel Pentium E6600 @ 3.06GHz	1876	1643	18.77	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1945	1605	114.49	\$16.99
Intel Pentium E6800 @ 3.33GHz	1977	1591	39.56	\$49.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2167	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2125	NA	NA
Intel Pentium G620 @ 2.60GHz	2293	1463	91.79	\$24.99
Intel Pentium G620T @ 2.20GHz	2028	1570	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2372	1432	94.95	\$24.99
Intel Pentium G630T @ 2.30GHz	2122	1534	26.54	\$79.99*
Intel Pentium G640 @ 2.80GHz	2534	1372	101.42	\$24.99
Intel Pentium G640T @ 2.40GHz	1898	1629	NA	NA
Intel Pentium G645 @ 2.90GHz	2585	1352	27.22	\$95.00*
Intel Pentium G645T @ 2.50GHz	2289	1464	NA	NA
Intel Pentium G840 @ 2.80GHz	2563	1363	73.27	\$34.99*
Intel Pentium G850 @ 2.90GHz	2662	1328	88.78	\$29.99
Intel Pentium G860 @ 3.00GHz	2741	1305	91.43	\$29.99
Intel Pentium G870 @ 3.10GHz	2826	1271	29.14	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2593	1349	74.33	\$34.89
Intel Pentium G2020 @ 2.90GHz	2762	1296	84.08	\$32.86
Intel Pentium G2020T @ 2.50GHz	2466	1399	51.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2874	1260	70.13	\$40.99
Intel Pentium G2030T @ 2.60GHz	2504	1387	39.13	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1282	NA	NA
Intel Pentium G2120 @ 3.10GHz	3081	1186	67.01	\$45.99
Intel Pentium G2130 @ 3.20GHz	3213	1145	64.28	\$49.99
Intel Pentium G2140 @ 3.30GHz	3384	1099	67.71	\$49.99
Intel Pentium G3220 @ 3.00GHz	3134	1172	26.13	\$119.95*
Intel Pentium G3220T @ 2.60GHz	2575	1357	36.80	\$69.99
Intel Pentium G3240 @ 3.10GHz	3162	1160	39.54	\$79.99
Intel Pentium G3240T @ 2.70GHz	2874	1261	NA	NA
Intel Pentium G3250 @ 3.20GHz	3254	1128	29.58	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2969	1223	33.00	\$89.99
Intel Pentium G3258 @ 3.20GHz	3889	972	21.82	\$178.28
Intel Pentium G3260 @ 3.30GHz	3377	1101	32.17	\$104.99
Intel Pentium G3260T @ 2.90GHz	2930	1236	32.56	\$89.99
Intel Pentium G3320TE @ 2.30GHz	2389	1424	NA	NA
Intel Pentium G3420 @ 3.20GHz	3404	1089	30.96	\$109.99*
Intel Pentium G3420T @ 2.70GHz	3008	1209	28.58	\$105.25*
Intel Pentium G3430 @ 3.30GHz	3395	1097	37.74	\$89.99
Intel Pentium G3440 @ 3.30GHz	3304	1119	20.66	\$159.94*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3440T @ 2.80GHz	3101	1181	NA	NA
Intel Pentium G3450 @ 3.40GHz	3704	1020	37.04	\$99.99
Intel Pentium G3450T @ 2.90GHz	2967	1225	NA	NA
Intel Pentium G3460 @ 3.50GHz	3593	1042	12.47	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3706	1018	35.54	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3558	1052	46.66	\$76.26
Intel Pentium G4400T @ 2.90GHz	3219	1142	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1258	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3794	994	39.17	\$96.86
Intel Pentium G4500T @ 3.00GHz	3471	1076	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	916	43.64	\$95.88
Intel Pentium G4560 @ 3.50GHz	4874	784	48.75	\$99.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G4560T @ 2.90GHz	4047	938	40.48	\$99.99
Intel Pentium G4600 @ 3.60GHz	5096	738	48.37	\$105.37
Intel Pentium G4600T @ 3.00GHz	4272	899	42.97	\$99.44*
Intel Pentium G4620 @ 3.70GHz	5205	722	46.72	\$111.42*
Intel Pentium G6950 @ 2.80GHz	1859	1651	46.49	\$39.99
Intel Pentium G6951 @ 2.80GHz	2140	1522	22.77	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2083	1551	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5220	721	39.99	\$130.52
Intel Pentium Gold G5400T @ 3.10GHz	5048	751	78.89	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5247	719	51.62	\$101.67
Intel Pentium Gold G5500T @ 3.20GHz	4577	842	61.03	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5707	652	49.74	\$114.74
Intel Pentium III 933S @ 933MHz	238	2685	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2624	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2638	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2582	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2603	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2599	NA	NA
Intel Pentium III Mobile 750MHz	103	2773	NA	NA
Intel Pentium III Mobile 800MHz	182	2738	NA	NA
Intel Pentium III Mobile 866MHz	152	2755	NA	NA
Intel Pentium III Mobile 933MHz	218	2701	7.55	\$28.99*
Intel Pentium III Mobile 1000MHz	245	2675	NA	NA
Intel Pentium III Mobile 1066MHz	246	2674	NA	NA
Intel Pentium III Mobile 1133MHz	251	2669	NA	NA
Intel Pentium III Mobile 1200MHz	243	2682	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1663	NA	NA
Intel Pentium J2900 @ 2.41GHz	1960	1598	NA	NA
Intel Pentium J3710 @ 1.60GHz	1932	1609	NA	NA
Intel Pentium J4205 @ 1.50GHz	2304	1456	NA	NA
Intel Pentium M 1.10GHz	282	2629	NA	NA
Intel Pentium M 1.20GHz	298	2601	NA	NA
Intel Pentium M 1.30GHz	301	2593	NA	NA
Intel Pentium M 1.40GHz	345	2545	NA	NA
Intel Pentium M 1.50GHz	366	2520	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1.60GHz	364	2525	NA	NA
Intel Pentium M 1.70GHz	406	2469	NA	NA
Intel Pentium M 1.73GHz	412	2459	NA	NA
Intel Pentium M 1.80GHz	409	2463	NA	NA
Intel Pentium M 1.86GHz	438	2437	NA	NA
Intel Pentium M 2.00GHz	463	2409	NA	NA
Intel Pentium M 2.10GHz	448	2424	NA	NA
Intel Pentium M 2.13GHz	505	2369	NA	NA
Intel Pentium M 2.26GHz	509	2367	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2393	NA	NA
Intel Pentium M 900MHz	217	2704	NA	NA
Intel Pentium M 1000MHz	233	2689	NA	NA
Intel Pentium M 1100MHz	259	2659	NA	NA
Intel Pentium M 1200MHz	237	2686	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1300MHz	303	2588	NA	NA
Intel Pentium M 1400MHz	321	2567	NA	NA
Intel Pentium M 1500MHz	354	2533	NA	NA
Intel Pentium M 1600MHz	332	2557	NA	NA
Intel Pentium M 1700MHz	376	2505	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1824	NA	NA
Intel Pentium N3520 @ 2.16GHz	1802	1677	NA	NA
Intel Pentium N3530 @ 2.16GHz	1892	1633	NA	NA
Intel Pentium N3540 @ 2.16GHz	1930	1611	7.70	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1833	1667	4.12	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1865	1649	NA	NA
Intel Pentium N4200 @ 1.10GHz	2011	1580	10.15	\$198.11
Intel Pentium P6000 @ 1.87GHz	1248	1964	NA	NA
Intel Pentium P6100 @ 2.00GHz	1327	1911	110.67	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1348	1901	30.01	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1883	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2920	1242	13.28	\$219.92*
Intel Pentium SU2700 @ 1.30GHz	405	2470	NA	NA
Intel Pentium SU4100 @ 1.30GHz	859	2189	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2197	NA	NA
Intel Pentium T2060 @ 1.60GHz	662	2281	NA	NA
Intel Pentium T2080 @ 1.73GHz	707	2262	4.42	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2259	NA	NA
Intel Pentium T2310 @ 1.46GHz	730	2248	NA	NA
Intel Pentium T2330 @ 1.60GHz	834	2203	NA	NA
Intel Pentium T2370 @ 1.73GHz	841	2199	24.04	\$35.00*
Intel Pentium T2390 @ 1.86GHz	944	2143	NA	NA
Intel Pentium T2410 @ 2.00GHz	996	2107	NA	NA
Intel Pentium T3200 @ 2.00GHz	1032	2080	86.07	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1114	2030	12.39	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1146	2019	95.53	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1234	1969	NA	NA
Intel Pentium T4400 @ 2.20GHz	1281	1942	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T4500 @ 2.30GHz	1336	1908	NA	NA
Intel Pentium U5400 @ 1.20GHz	812	2215	NA	NA
Intel Pentium U5600 @ 1.33GHz	943	2144	NA	NA
Intel T1200 @ 1.50GHz	435	2443	NA	NA
Intel T1400 @ 1.73GHz	929	2153	NA	NA
Intel T1500 @ 1.86GHz	940	2146	NA	NA
Intel T2050 @ 2.00GHz	959	2134	NA	NA
Intel Xeon 2.00GHz	233	2688	NA	NA
Intel XEON 2.20GHz	252	2666	NA	NA
Intel Xeon 2.40GHz	276	2641	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2442	NA	NA
Intel Xeon 2.80GHz	400	2480	NA	NA
Intel Xeon 3.00GHz	391	2493	NA	NA
Intel Xeon 3.06GHz	491	2377	NA	NA
Intel Xeon 3.20GHz	461	2412	NA	NA
Intel Xeon 3.40GHz	478	2396	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3.60GHz	509	2366	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2076	NA	NA
Intel Xeon 3.80GHz	604	2311	0.71	\$851.00*
Intel Xeon 1500MHz	193	2727	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1939	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1313	1917	8.32	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1825	9.62	\$157.95*
Intel Xeon 3065 @ 2.33GHz	1520	1819	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1776	1686	4.34	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1662	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1804	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2060	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	1965	0.77	\$1,628.48
Intel Xeon 5130 @ 2.00GHz	1378	1885	103.95	\$13.26*
Intel Xeon 5133 @ 2.20GHz	1598	1790	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1766	50.57	\$32.42*
Intel Xeon 5148 @ 2.33GHz	1590	1796	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1747	1699	3.83	\$455.95*
Intel Xeon 5160 @ 3.00GHz	1964	1596	153.27	\$12.82*
Intel Xeon @ 2.20GHz	1902	1622	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5446	687	23.05	\$236.34
Intel Xeon D-1518 @ 2.20GHz	5322	708	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	646	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	529	NA	NA
Intel Xeon D-1528 @ 1.90GHz	7946	438	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	291	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	457	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	231	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11056	211	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	425	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14693	118	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1587 @ 1.70GHz	13950	141	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	416	38.22	\$213.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	143	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18252	56	10.35	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6079	612	32.00	\$190.00
Intel Xeon E3-1220 V2 @ 3.10GHz	6667	555	20.26	\$329.11
Intel Xeon E3-1220 v3 @ 3.10GHz	7098	515	29.03	\$244.50
Intel Xeon E3-1220 v5 @ 3.00GHz	7745	455	29.21	\$265.19
Intel Xeon E3-1220 v6 @ 3.00GHz	7976	435	37.10	\$214.99
Intel Xeon E3-1220L @ 2.20GHz	3563	1051	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	870	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1540	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5909	627	33.77	\$175.00*
Intel Xeon E3-1225 V2 @ 3.20GHz	6851	538	13.53	\$506.59
Intel Xeon E3-1225 v3 @ 3.20GHz	7208	505	15.73	\$458.34*
Intel Xeon E3-1225 v5 @ 3.30GHz	7824	446	29.19	\$268.04
Intel Xeon E3-1225 v6 @ 3.30GHz	8294	404	35.30	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7530	473	11.80	\$638.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1230 @ 3.20GHz	7848	444	41.52	\$189.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8856	367	25.15	\$352.10
Intel Xeon E3-1230 v3 @ 3.30GHz	9325	325	35.64	\$261.66*
Intel Xeon E3-1230 v5 @ 3.40GHz	9778	287	23.98	\$407.87
Intel Xeon E3-1230 v6 @ 3.50GHz	9704	296	37.33	\$259.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	503	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9625	298	37.25	\$258.44*
Intel Xeon E3-1235 @ 3.20GHz	7680	462	31.48	\$244.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	575	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7958	437	32.62	\$244.00
Intel Xeon E3-1240 V2 @ 3.40GHz	9133	337	16.92	\$539.95
Intel Xeon E3-1240 v3 @ 3.40GHz	9675	297	25.17	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10402	238	30.45	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10148	253	35.00	\$289.99
Intel Xeon E3-1240L v3 @ 2.00GHz	7510	474	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	450	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10020	270	12.93	\$775.00
Intel Xeon E3-1245 @ 3.30GHz	8019	429	30.84	\$260.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9118	340	15.01	\$607.59
Intel Xeon E3-1245 v3 @ 3.40GHz	9578	302	28.18	\$339.95*
Intel Xeon E3-1245 v5 @ 3.50GHz	10205	249	29.56	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10535	233	33.99	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9850	282	11.87	\$830.00
Intel Xeon E3-1260L @ 2.40GHz	6534	568	76.32	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10083	261	15.77	\$639.42*
Intel Xeon E3-1265L @ 2.40GHz	6038	615	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7785	451	54.67	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	8722	376	12.29	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	346	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	443	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	381	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8239	407	25.99	\$317.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9471	310	33.56	\$282.22
Intel Xeon E3-1270 v3 @ 3.50GHz	9890	279	26.73	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10338	245	29.87	\$346.16
Intel Xeon E3-1270 v6 @ 3.80GHz	11135	205	32.56	\$342.00
Intel Xeon E3-1271 v3 @ 3.60GHz	10092	260	11.36	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8348	400	27.46	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9445	315	23.93	\$394.72
Intel Xeon E3-1275 v3 @ 3.50GHz	9891	278	24.67	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10357	243	18.73	\$553.00
Intel Xeon E3-1275 v6 @ 3.80GHz	11113	206	30.20	\$367.97
Intel Xeon E3-1275L v3 @ 2.70GHz	8874	365	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10170	252	7.99	\$1,273.00
Intel Xeon E3-1280 @ 3.50GHz	8473	393	23.03	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9470	311	6.26	\$1,512.82*
Intel Xeon E3-1280 v3 @ 3.60GHz	9747	290	13.98	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	228	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	201	20.67	\$550.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1281 v3 @ 3.70GHz	10349	244	11.79	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10359	242	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10641	229	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	193	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	273	12.35	\$808.02
Intel Xeon E3-1285L v4 @ 3.40GHz	11048	213	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	276	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	10129	255	13.09	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	379	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	295	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	518	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8912	363	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9855	281	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10509	235	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9312	326	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10566	232	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10451	237	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10755	221	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10743	225	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10689	226	24.02	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	495	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	483	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5546	673	33.62	\$164.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6165	602	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6420	583	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5869	631	266.94	\$21.99*
Intel Xeon E5-1607 v2 @ 3.00GHz	6197	598	19.80	\$313.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1607 v3 @ 3.10GHz	6939	532	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	501	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9059	347	27.46	\$329.93*
Intel Xeon E5-1620 v2 @ 3.70GHz	9453	314	28.73	\$329.00*
Intel Xeon E5-1620 v3 @ 3.50GHz	9759	289	27.21	\$358.70*
Intel Xeon E5-1620 v4 @ 3.50GHz	9950	274	32.52	\$305.95
Intel Xeon E5-1630 v3 @ 3.70GHz	10277	247	17.19	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10302	246	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11745	197	67.12	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12721	171	83.04	\$153.20
Intel Xeon E5-1650 v3 @ 3.50GHz	13614	153	20.63	\$660.00
Intel Xeon E5-1650 v4 @ 3.60GHz	14226	133	22.58	\$629.99*
Intel Xeon E5-1660 @ 3.30GHz	12369	180	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13704	148	7.58	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14565	122	9.01	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16192	87	13.17	\$1,229.52
Intel Xeon E5-1680 v2 @ 3.00GHz	16345	80	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16633	75	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	68	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	57	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1063	9.66	\$364.97
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1087	18.09	\$189.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2407 @ 2.20GHz	3944	965	11.77	\$335.04
Intel Xeon E5-2407 v2 @ 2.40GHz	4575	843	9.61	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	723	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	521	18.06	\$390.02
Intel Xeon E5-2420 v2 @ 2.20GHz	8629	388	14.88	\$579.95*
Intel Xeon E5-2430 @ 2.20GHz	6878	537	9.44	\$728.95
Intel Xeon E5-2430 v2 @ 2.50GHz	8833	371	15.77	\$559.99
Intel Xeon E5-2430L @ 2.00GHz	7269	500	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	560	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	333	187.82	\$48.87
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	316	18.48	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	357	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	251	14.10	\$722.22*
Intel Xeon E5-2450L @ 1.80GHz	8261	405	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	10061	265	31.77	\$316.72*
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	167	5.70	\$2,250.00*
Intel Xeon E5-2603 @ 1.80GHz	3580	1048	128.62	\$27.84*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1003	96.35	\$39.09
Intel Xeon E5-2603 v3 @ 1.60GHz	5172	727	14.48	\$357.33
Intel Xeon E5-2603 v4 @ 1.70GHz	5451	685	23.70	\$229.99*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	442	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4616	830	59.18	\$78.00*
Intel Xeon E5-2609 v2 @ 2.50GHz	5149	729	10.10	\$509.95*
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	624	9.60	\$619.04
Intel Xeon E5-2609 v4 @ 1.70GHz	6917	534	19.23	\$359.73*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	185	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	121	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7923	440	184.35	\$42.98
Intel Xeon E5-2620 v2 @ 2.10GHz	8702	378	37.84	\$230.00
Intel Xeon E5-2620 v3 @ 2.40GHz	10024	269	14.11	\$710.54*
Intel Xeon E5-2620 v4 @ 2.10GHz	11358	202	25.82	\$439.98
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	361	22.07	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8208	409	14.95	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	320	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	192	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13268	160	9.73	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	214	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8859	366	69.27	\$127.89
Intel Xeon E5-2630 v2 @ 2.60GHz	10401	239	58.12	\$178.96
Intel Xeon E5-2630 v3 @ 2.40GHz	12801	169	26.18	\$489.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13893	142	19.71	\$704.98
Intel Xeon E5-2630L @ 2.00GHz	8001	431	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9283	329	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9476	309	12.60	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	166	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9406	319	15.47	\$608.00
Intel Xeon E5-2637 v3 @ 3.50GHz	10128	256	7.82	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	236	9.83	\$1,064.99
Intel Xeon E5-2640 @ 2.50GHz	9512	306	79.56	\$119.57
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2640 v2 @ 2.00GHz	9904	275	102.81	\$96.34*
Intel Xeon E5-2640 v3 @ 2.60GHz	13978	140	7.86	\$1,778.16
Intel Xeon E5-2640 v4 @ 2.40GHz	15331	107	16.36	\$936.99
Intel Xeon E5-2643 @ 3.30GHz	8423	396	3.16	\$2,662.00
Intel Xeon E5-2643 v2 @ 3.50GHz	12824	168	4.85	\$2,641.75*
Intel Xeon E5-2643 v3 @ 3.40GHz	13801	144	18.34	\$752.60
Intel Xeon E5-2643 v4 @ 3.40GHz	13618	152	8.31	\$1,638.35
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	200	8.38	\$1,360.26*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	149	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14506	125	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10145	254	77.76	\$130.47
Intel Xeon E5-2650 v2 @ 2.60GHz	13090	163	40.03	\$327.00
Intel Xeon E5-2650 v3 @ 2.30GHz	14841	116	7.38	\$2,009.92
Intel Xeon E5-2650 v4 @ 2.20GHz	15912	94	12.44	\$1,279.07*
Intel Xeon E5-2650L @ 1.80GHz	8676	383	54.26	\$159.90*
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	155	13.38	\$1,010.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	137	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	203	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	307	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	136	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	86	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	74	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11098	209	108.81	\$102.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2660 v2 @ 2.20GHz	13479	157	52.08	\$258.84
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	88	8.95	\$1,808.95*
Intel Xeon E5-2660 v4 @ 2.00GHz	17069	70	9.70	\$1,760.00*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	138	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11599	199	67.97	\$170.65
Intel Xeon E5-2667 @ 2.90GHz	10367	241	45.87	\$226.00*
Intel Xeon E5-2667 v2 @ 3.30GHz	16303	85	21.35	\$763.56
Intel Xeon E5-2667 v3 @ 3.20GHz	16119	89	7.13	\$2,259.95*
Intel Xeon E5-2667 v4 @ 3.20GHz	16447	79	7.46	\$2,205.57
Intel Xeon E5-2670 @ 2.60GHz	12137	186	124.75	\$97.30
Intel Xeon E5-2670 v2 @ 2.50GHz	14994	115	30.66	\$489.00*
Intel Xeon E5-2670 v3 @ 2.30GHz	16331	81	10.39	\$1,572.00*
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	83	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	17071	69	24.39	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	26	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15156	110	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17659	62	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	72	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25236	9	9.34	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12638	174	113.00	\$111.84
Intel Xeon E5-2680 v2 @ 2.80GHz	15804	100	39.76	\$397.49
Intel Xeon E5-2680 v3 @ 2.50GHz	18615	51	9.30	\$2,001.00
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	42	11.28	\$1,762.90*
Intel Xeon E5-2682 v4 @ 2.50GHz	20894	32	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17411	64	8.77	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	48	9.12	\$2,087.48*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	114	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	47	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14381	128	5.45	\$2,636.50
Intel Xeon E5-2687W v2 @ 3.40GHz	16487	77	7.83	\$2,105.59
Intel Xeon E5-2687W v3 @ 3.10GHz	17720	60	5.89	\$3,009.95
Intel Xeon E5-2687W v4 @ 3.00GHz	19933	40	8.64	\$2,307.31*
Intel Xeon E5-2689 @ 2.60GHz	13427	159	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19892	41	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13722	147	86.31	\$159.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16469	78	37.86	\$435.00
Intel Xeon E5-2690 v3 @ 2.60GHz	19295	46	8.71	\$2,215.86*
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	28	9.07	\$2,350.88*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	90	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15847	98	8.90	\$1,779.95
Intel Xeon E5-2695 v3 @ 2.30GHz	20081	37	9.99	\$2,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	35	7.87	\$2,573.17*
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	76	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22548	17	9.03	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21077	30	7.00	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17455	63	7.81	\$2,235.02
Intel Xeon E5-2697 v3 @ 2.60GHz	21365	27	7.89	\$2,708.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	24	7.67	\$2,805.00
Intel Xeon E5-2697A v4 @ 2.60GHz	21875	21	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21133	29	6.17	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	22	6.77	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	18	4.97	\$4,505.95
Intel Xeon E5-2699 v4 @ 2.20GHz	23200	16	5.26	\$4,413.40
Intel Xeon E5-4603 @ 2.00GHz	5014	760	2.65	\$1,890.99*
Intel Xeon E5-4617 @ 2.90GHz	8684	382	96.60	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	418	43.00	\$189.00
Intel Xeon E5-4627 v3 @ 2.60GHz	14221	134	5.93	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	103	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	234	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	172	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	210	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	12117	187	126.89	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	196	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	181	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	96	5.30	\$3,000.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15556	101	3.24	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	151	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1175	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2165	1514	94.20	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1409	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1488	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1872	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1412	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1479	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1465	8.48	\$269.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5335 @ 2.00GHz	2513	1381	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2923	1241	73.12	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2851	1265	10.19	\$279.95*
Intel Xeon E5410 @ 2.33GHz	3267	1125	15.79	\$207.01*
Intel Xeon E5420 @ 2.50GHz	3503	1066	13.48	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3776	1000	104.91	\$36.00*
Intel Xeon E5440 @ 2.83GHz	3973	955	33.13	\$119.95*
Intel Xeon E5450 @ 3.00GHz	4200	912	18.27	\$229.95*
Intel Xeon E5462 @ 2.80GHz	3885	974	142.34	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4135	928	75.47	\$54.80*
Intel Xeon E5502 @ 1.87GHz	1378	1884	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1874	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2702	1317	38.63	\$69.95
Intel Xeon E5506 @ 2.13GHz	2977	1222	49.63	\$60.00
Intel Xeon E5507 @ 2.27GHz	3137	1170	6.87	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4447	863	27.80	\$159.95
Intel Xeon E5530 @ 2.40GHz	4605	834	158.83	\$29.00*
Intel Xeon E5540 @ 2.53GHz	4758	805	97.12	\$49.00
Intel Xeon E5603 @ 1.60GHz	2366	1436	18.34	\$129.04*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5606 @ 2.13GHz	3049	1199	13.92	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3397	1095	10.96	\$310.00*
Intel Xeon E5620 @ 2.40GHz	4858	788	224.63	\$21.63
Intel Xeon E5630 @ 2.53GHz	5088	743	108.19	\$47.03
Intel Xeon E5640 @ 2.67GHz	5263	717	88.47	\$59.49*
Intel Xeon E5645 @ 2.40GHz	6484	573	60.05	\$107.98
Intel Xeon E5649 @ 2.53GHz	6936	533	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1415	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	445	40.54	\$193.00*
Intel Xeon E-2146G @ 3.50GHz	15904	95	51.14	\$311.00*
Intel Xeon E-2174G @ 3.80GHz	12108	188	36.92	\$328.00*
Intel Xeon E-2176G @ 3.70GHz	14409	127	39.81	\$362.00*
Intel Xeon E-2176M @ 2.70GHz	13985	139	31.08	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	15464	104	34.36	\$450.00*
Intel Xeon E-2186M @ 2.90GHz	14363	130	23.05	\$623.00*
Intel Xeon Gold 5118 @ 2.30GHz	15985	91	11.86	\$1,348.00*
Intel Xeon Gold 5120 @ 2.20GHz	16308	84	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	58	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	11104	208	8.61	\$1,288.99*
Intel Xeon Gold 6126 @ 2.60GHz	19711	44	10.39	\$1,896.55
Intel Xeon Gold 6128 @ 3.40GHz	15022	113	8.15	\$1,842.27*
Intel Xeon Gold 6130 @ 2.10GHz	20222	36	10.41	\$1,941.99
Intel Xeon Gold 6132 @ 2.60GHz	23907	14	10.71	\$2,232.81*
Intel Xeon Gold 6134 @ 3.20GHz	18083	59	8.38	\$2,159.00
Intel Xeon Gold 6136 @ 3.00GHz	21018	31	7.85	\$2,677.82*
Intel Xeon Gold 6138 @ 2.00GHz	25416	8	9.48	\$2,679.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	13	9.25	\$2,589.99*
Intel Xeon Gold 6144 @ 3.50GHz	19654	45	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	10	7.53	\$3,339.00
Intel Xeon Gold 6154 @ 3.00GHz	27722	3	7.28	\$3,809.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L3110 @ 3.00GHz	2273	1475	NA	NA
Intel Xeon L3360 @ 2.83GHz	3820	987	42.81	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1906	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	981	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1670	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1476	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1474	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1525	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1301	72.15	\$38.20*
Intel Xeon L5408 @ 2.13GHz	3037	1202	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1103	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3499	1067	127.24	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3716	1015	23.53	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1016	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	876	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	886	311.73	\$13.96*
Intel Xeon L5630 @ 2.13GHz	4369	882	252.11	\$17.33*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5638 @ 2.00GHz	5556	671	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	539	NA	NA
Intel Xeon L5640 @ 2.27GHz	6405	585	133.41	\$48.01
Intel Xeon L7455 @ 2.13GHz	3836	982	NA	NA
Intel Xeon MV 3.20GHz	683	2275	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26652	4	NA	NA
Intel Xeon Platinum 8173M @ 2.00GHz	28860	1	NA	NA
Intel Xeon Silver 4109T @ 2.00GHz	10854	219	21.67	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11977	191	22.60	\$529.86
Intel Xeon Silver 4112 @ 2.60GHz	8607	389	16.26	\$529.21*
Intel Xeon Silver 4114 @ 2.20GHz	14484	126	19.44	\$744.99
Intel Xeon Silver 4116 @ 2.10GHz	15248	108	13.60	\$1,121.16*
Intel Xeon Silver 4123 @ 3.00GHz	15185	109	NA	NA
Intel Xeon W3503 @ 2.40GHz	1756	1696	108.30	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1858	1652	NA	NA
Intel Xeon W3520 @ 2.67GHz	5059	748	175.98	\$28.75*
Intel Xeon W3530 @ 2.80GHz	5359	702	18.23	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	680	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5696	653	95.02	\$59.95*
Intel Xeon W3565 @ 3.20GHz	5943	622	84.97	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6084	610	12.68	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6433	579	29.99	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8152	415	14.43	\$565.00*
Intel Xeon W3680 @ 3.33GHz	9083	345	11.95	\$759.95*
Intel Xeon W3690 @ 3.47GHz	9164	335	9.16	\$1,000.00*
Intel Xeon W5580 @ 3.20GHz	5836	637	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	600	2.46	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	7001	525	20.72	\$337.99*
Intel Xeon W-2104 @ 3.20GHz	7782	452	30.52	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10753	223	29.57	\$363.65*
Intel Xeon W-2125 @ 4.00GHz	12398	179	25.22	\$491.53*
Intel Xeon W-2133 @ 3.60GHz	14159	135	22.95	\$617.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2135 @ 3.70GHz	16324	82	17.84	\$915.15*
Intel Xeon W-2140B @ 3.20GHz	18472	55	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19735	43	16.41	\$1,202.82
Intel Xeon W-2150B @ 3.00GHz	21522	25	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21790	23	14.24	\$1,530.39*
Intel Xeon W-2195 @ 2.30GHz	24983	11	8.41	\$2,970.82
Intel Xeon X3210 @ 2.13GHz	2737	1306	14.74	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3087	1185	53.24	\$57.99*
Intel Xeon X3230 @ 2.66GHz	3425	1085	9.52	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3310	1117	14.43	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3167	1157	163.59	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3375	1102	16.08	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3847	978	64.14	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	977	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3955	959	25.04	\$157.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3363 @ 2.83GHz	4008	948	25.38	\$157.95*
Intel Xeon X3370 @ 3.00GHz	4286	898	11.68	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	819	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3361	1105	16.01	\$209.95
Intel Xeon X3440 @ 2.53GHz	4549	849	20.22	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4817	797	60.25	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5117	733	14.33	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5123	732	10.05	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	659	NA	NA
Intel Xeon X5260 @ 3.33GHz	2453	1402	17.62	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2535	1371	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1423	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3218	1143	10.38	\$309.95*
Intel Xeon X5365 @ 3.00GHz	3491	1069	35.09	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4125	931	82.52	\$49.99*
Intel Xeon X5460 @ 3.16GHz	4338	888	90.39	\$48.00*
Intel Xeon X5470 @ 3.33GHz	4600	836	24.34	\$189.00
Intel Xeon X5472 @ 3.00GHz	4034	942	17.93	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4571	844	45.72	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4844	793	3.48	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5404	695	312.95	\$17.27*
Intel Xeon X5560 @ 2.80GHz	5399	696	93.17	\$57.95*
Intel Xeon X5570 @ 2.93GHz	5679	656	63.81	\$89.00*
Intel Xeon X5647 @ 2.93GHz	5980	619	29.94	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7415	488	247.26	\$29.99
Intel Xeon X5660 @ 2.80GHz	7618	469	67.48	\$112.91*
Intel Xeon X5667 @ 3.07GHz	4722	809	67.47	\$70.00*
Intel Xeon X5670 @ 2.93GHz	7931	439	119.10	\$66.59
Intel Xeon X5672 @ 3.20GHz	6419	584	22.63	\$283.72*
Intel Xeon X5675 @ 3.07GHz	8336	401	104.22	\$79.99
Intel Xeon X5677 @ 3.47GHz	7000	526	66.67	\$105.00*
Intel Xeon X5679 @ 3.20GHz	8845	369	NA	NA
Intel Xeon X5680 @ 3.33GHz	8562	391	49.21	\$174.00
Intel Xeon X5687 @ 3.60GHz	7086	517	121.16	\$58.49
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5690 @ 3.47GHz	8945	360	56.26	\$159.00
Intel Xeon X5698 @ 4.40GHz	4272	900	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1221	NA	NA
Mobile AMD Athlon 4	314	2576	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2530	NA	NA
Mobile AMD Athlon 64 2700+	398	2482	NA	NA
Mobile AMD Athlon 64 2800+	440	2432	NA	NA
Mobile AMD Athlon 64 3000+	450	2422	NA	NA
Mobile AMD Athlon 64 3200+	448	2425	NA	NA
Mobile AMD Athlon 64 3400+	511	2365	NA	NA
Mobile AMD Athlon 64 3700+	435	2444	NA	NA
Mobile AMD Athlon 64 4000+	576	2325	NA	NA
Mobile AMD Athlon 1400+	266	2652	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon 2500+	370	2514	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2653	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2503	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2607	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2375	NA	NA
Mobile AMD Athlon XP	572	2330	45.81	\$12.49*
Mobile AMD Athlon XP-M	512	2364	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2736	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2656	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2660	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2564	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2602	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2549	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2595	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2524	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2544	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2541	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2513	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2522	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2521	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2435	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2383	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2368	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2614	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2606	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2554	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2511	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2399	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2370	NA	NA
Mobile AMD Sempron 2100+	252	2667	NA	NA
Mobile AMD Sempron 2600+	394	2488	NA	NA
Mobile AMD Sempron 2800+	361	2527	NA	NA
Mobile AMD Sempron 3000+	389	2497	NA	NA
Mobile AMD Sempron 3100+	416	2456	NA	NA
Mobile AMD Sempron 3200+	354	2534	NA	NA
Mobile AMD Sempron 3300+	445	2428	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Sempron 3400+	440	2433	NA	NA
Mobile AMD Sempron 3500+	411	2461	NA	NA
Mobile AMD Sempron 3600+	431	2449	NA	NA
Mobile AMD Sempron 3800+	485	2389	NA	NA
Mobile Intel Celeron 1.20GHz	170	2746	NA	NA
Mobile Intel Celeron 1.50GHz	188	2730	NA	NA
Mobile Intel Celeron 1.60GHz	188	2731	NA	NA
Mobile Intel Celeron 1.70GHz	181	2739	NA	NA
Mobile Intel Celeron 1.80GHz	186	2733	NA	NA
Mobile Intel Celeron 2.00GHz	204	2715	NA	NA
Mobile Intel Celeron 2.20GHz	226	2695	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Celeron 2.40GHz	239	2683	NA	NA
Mobile Intel Celeron 2.50GHz	281	2632	NA	NA
Mobile Intel Celeron 1200MHz	294	2608	NA	NA
Mobile Intel Celeron 1333MHz	280	2635	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2640	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2655	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2637	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2574	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2552	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2531	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2436	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2397	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2725	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2745	0.78	\$223.00
Mobile Intel Pentium 4 - M 1.80GHz	175	2742	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2690	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2720	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2722	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2706	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2662	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2577	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2709	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2721	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2671	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2612	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2696	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2613	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1389	NA	NA
Quad-Core AMD Opteron 1385	3442	1082	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3427	1084	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1240	NA	NA
VIA C3 Ezra	100	2774	NA	NA
VIA C7 1500MHz	284	2625	NA	NA
VIA C7-D 1500MHz	287	2620	NA	NA
VIA C7-D 1800MHz	203	2716	NA	NA
VIA C7-D 2000MHz	368	2517	NA	NA
VIA C7-M 1000MHz	164	2748	NA	NA
VIA C7-M 1200MHz	140	2761	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA C7-M 1600MHz	178	2741	NA	NA
VIA C7-M 6300MHz	222	2698	NA	NA
VIA Eden 800MHz	155	2752	NA	NA
VIA Eden 1000MHz	123	2769	NA	NA
VIA Eden 1200MHz	142	2760	NA	NA
VIA Eden C1050@1.06GHz	352	2537	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2395	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	2018	NA	NA
VIA Esther 1000MHz	146	2759	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Esther 1300MHz	250	2670	NA	NA
VIA Esther 1500MHz	219	2700	NA	NA
VIA Esther 2000MHz	394	2487	NA	NA
VIA Nano L1900@1400MHz	457	2415	NA	NA
VIA Nano L2007@1600MHz	369	2515	NA	NA
VIA Nano L2100@1800MHz	428	2451	NA	NA
VIA Nano L2207@1600MHz	296	2605	NA	NA
VIA Nano L3025@1600MHz	517	2358	NA	NA
VIA Nano L3050@1800MHz	581	2323	NA	NA
VIA Nano L3600@2000MHz	645	2289	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2504	NA	NA
VIA Nano U2250@1300+MHz	274	2644	NA	NA
VIA Nano U2500@1200MHz	306	2586	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2372	NA	NA
VIA Nano U3300@1200MHz	409	2462	NA	NA
VIA Nano U3500@1000MHz	275	2642	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2309	NA	NA
VIA Nehemiah	155	2753	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1630	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1892	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2000	NA	NA
VIA Samuel 2	79	2776	NA	NA

* - Last price seen from our affiliates.

Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	278	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	112	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	380	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	386	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	432	NA	NA
[Dual CPU] AMD EPYC 7281	12720	163	9.16	\$1,389.12
[Dual CPU] AMD EPYC 7401	23518	57	4.96	\$4,739.98
[Dual CPU] AMD EPYC 7451	28957	26	4.40	\$6,581.46
[Dual CPU] AMD EPYC 7501	26884	36	3.11	\$8,648.04
[Dual CPU] AMD EPYC 7551	30966	19	4.06	\$7,627.98
[Dual CPU] AMD EPYC 7601	33545	13	3.65	\$9,194.78
[Dual CPU] AMD Opteron 246	1130	421	28.26	\$39.98
[Dual CPU] AMD Opteron 248	1053	422	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	418	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1385	419	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	427	NA	NA
[Dual CPU] AMD Opteron 256	1853	415	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	413	6.28	\$319.90*
[Dual CPU] AMD Opteron 270	2226	409	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	412	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	404	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	395	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 290	2807	392	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	390	NA	NA
[Dual CPU] AMD Opteron 2212	2203	410	91.79	\$24.00*
[Dual CPU] AMD Opteron 2214	2344	405	40.41	\$58.00
[Dual CPU] AMD Opteron 2214 HE	2463	402	NA	NA
[Dual CPU] AMD Opteron 2216	2485	401	6.98	\$356.00*
[Dual CPU] AMD Opteron 2216 HE	2593	398	NA	NA
[Dual CPU] AMD Opteron 2218	2719	396	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	399	NA	NA
[Dual CPU] AMD Opteron 2220	2853	389	0.97	\$2,950.32*
[Dual CPU] AMD Opteron 2220 SE	2882	388	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	384	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	378	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	368	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	375	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	369	7.55	\$539.98*
[Dual CPU] AMD Opteron 2354	4566	357	6.88	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	360	148.53	\$29.90
[Dual CPU] AMD Opteron 2360 SE	5315	340	98.43	\$54.00
[Dual CPU] AMD Opteron 2373 EE	4164	366	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	353	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	341	15.70	\$333.60*
[Dual CPU] AMD Opteron 2378	5318	339	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	327	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	323	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6320	313	NA	NA
[Dual CPU] AMD Opteron 2389	5677	328	48.11	\$118.00
[Dual CPU] AMD Opteron 2419	5191	343	216.47	\$23.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2425 HE	6209	316	NA	NA
[Dual CPU] AMD Opteron 2427	5907	324	29.83	\$198.00
[Dual CPU] AMD Opteron 2431	6438	308	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7068	293	29.35	\$240.80*
[Dual CPU] AMD Opteron 2439 SE	8071	265	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	370	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	330	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	311	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	309	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7848	270	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	263	80.90	\$99.98
[Dual CPU] AMD Opteron 4228 HE	7986	266	NA	NA
[Dual CPU] AMD Opteron 4234	9361	231	20.35	\$459.98
[Dual CPU] AMD Opteron 4276 HE	9681	225	NA	NA
[Dual CPU] AMD Opteron 4280	4525	358	45.26	\$99.98
[Dual CPU] AMD Opteron 4284	8772	244	73.11	\$119.98
[Dual CPU] AMD Opteron 4334	9456	230	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	204	21.71	\$479.98
[Dual CPU] AMD Opteron 4376 HE	10244	211	8.15	\$1,257.44*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 4386	11360	192	40.57	\$279.98
[Dual CPU] AMD Opteron 6128	6881	298	163.91	\$41.98
[Dual CPU] AMD Opteron 6128 HE	5582	333	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	247	NA	NA
[Dual CPU] AMD Opteron 6134	7586	280	11.53	\$658.00
[Dual CPU] AMD Opteron 6136	7255	287	10.10	\$718.00*
[Dual CPU] AMD Opteron 6164 HE	5109	346	NA	NA
[Dual CPU] AMD Opteron 6168	7741	275	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7623	279	38.50	\$198.00
[Dual CPU] AMD Opteron 6174	8567	250	23.03	\$371.98
[Dual CPU] AMD Opteron 6176 SE	8448	253	15.30	\$552.02
[Dual CPU] AMD Opteron 6180 SE	3114	381	NA	NA
[Dual CPU] AMD Opteron 6204	7134	290	50.96	\$139.98
[Dual CPU] AMD Opteron 6212	8955	237	149.30	\$59.98
[Dual CPU] AMD Opteron 6220	10740	200	89.51	\$119.98
[Dual CPU] AMD Opteron 6234	10079	215	72.00	\$139.98*
[Dual CPU] AMD Opteron 6238	10349	206	86.26	\$119.98
[Dual CPU] AMD Opteron 6272	9998	218	7.59	\$1,317.78*
[Dual CPU] AMD Opteron 6274	10682	201	25.43	\$420.00*
[Dual CPU] AMD Opteron 6275	10900	198	NA	NA
[Dual CPU] AMD Opteron 6276	10194	213	63.72	\$159.98
[Dual CPU] AMD Opteron 6284 SE	11985	177	17.12	\$699.98
[Dual CPU] AMD Opteron 6308	8351	255	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10914	197	27.29	\$399.98
[Dual CPU] AMD Opteron 6328	11722	181	29.31	\$399.98
[Dual CPU] AMD Opteron 6344	11203	193	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	188	28.53	\$399.98
[Dual CPU] AMD Opteron 6376	10405	205	80.04	\$130.00
[Dual CPU] AMD Opteron 6378	2905	387	7.26	\$399.98
[Dual CPU] AMD Opteron 6380	14200	149	78.90	\$179.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6386 SE	10764	199	35.88	\$299.98
[Dual CPU] AMD Opteron 8218	2831	391	67.40	\$42.00
[Dual CPU] AMD Opteron 8220	2510	400	NA	NA
[Dual CPU] AMD Opteron 8222 SE	2793	394	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	379	73.25	\$44.00
[Dual CPU] AMD Opteron 8380	5643	331	13.70	\$412.00*
[Dual CPU] AMD Opteron 8381 HE	5210	342	NA	NA
[Dual CPU] AMD Opteron 8389	6517	305	155.24	\$41.98*
[Dual CPU] AMD Opteron 8431	5813	325	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6785	301	47.12	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	277	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	420	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	407	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	374	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	268	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	441	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	439	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	435	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	437	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	442	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	443	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	440	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	438	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	433	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	687	429	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	784	428	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	431	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	857	426	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	425	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	424	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	414	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	423	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2154	411	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	406	0.71	\$3,256.96
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2615	397	98.60	\$26.52*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	382	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2984	385	46.02	\$64.84*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	383	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3438	376	3.77	\$911.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3834	372	149.53	\$25.64*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8987	235	19.01	\$472.68
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11646	184	16.73	\$696.00
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	317	8.50	\$729.94
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	314	16.68	\$378.00
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7486	282	11.17	\$670.08
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	234	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11628	186	14.91	\$780.04
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11738	180	10.12	\$1,159.90*
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	258	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	153	9.35	\$1,457.90
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13447	159	12.01	\$1,119.98
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	190	54.76	\$207.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	169	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	162	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	151	9.50	\$1,444.44*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	123	18.86	\$878.00
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	182	45.06	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	122	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	106	4.13	\$4,500.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6326	312	113.61	\$55.68*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	304	83.40	\$78.18
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8385	254	11.73	\$714.66
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8775	243	19.08	\$459.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8214	261	52.65	\$156.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8871	240	8.70	\$1,019.90*
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9984	219	8.06	\$1,238.08
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10992	196	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12369	167	143.89	\$85.96
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13404	160	29.14	\$460.00
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15282	137	10.75	\$1,421.08*
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16488	124	18.74	\$879.96
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14251	148	17.59	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12367	168	11.26	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	145	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13598	158	53.16	\$255.78
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16034	127	44.80	\$357.92
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18522	107	18.94	\$978.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18872	104	13.38	\$1,409.96
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	194	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	154	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	138	10.10	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	285	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15999	129	13.16	\$1,216.00
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16437	125	6.34	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16656	121	7.82	\$2,129.98
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14682	142	61.39	\$239.14
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14511	146	75.31	\$192.68*
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20164	92	5.67	\$3,556.32
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20765	86	11.08	\$1,873.98
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13640	152	2.56	\$5,324.00
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21077	81	3.99	\$5,283.50*
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21083	80	14.01	\$1,505.20
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21566	75	6.58	\$3,276.70
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	172	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	11808	179	3.99	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	110	6.65	\$2,720.52*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15001	139	57.49	\$260.94
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19028	103	29.09	\$654.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20451	90	5.09	\$4,019.84
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20439	91	7.99	\$2,558.14*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	147	44.98	\$319.80*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14703	141	24.58	\$598.10
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	85	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13319	161	4.56	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	105	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	100	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16343	126	80.11	\$204.00
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18077	111	34.92	\$517.68
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22617	69	6.25	\$3,617.90*
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23128	64	6.57	\$3,520.00*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	63	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17470	114	51.19	\$341.30
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	47	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17003	117	37.62	\$452.00*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22766	68	14.91	\$1,527.12
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23109	65	5.11	\$4,519.90*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23927	54	5.42	\$4,411.14
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18239	108	93.73	\$194.60
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20936	84	21.41	\$978.00*
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	72	7.12	\$3,144.00*
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	59	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	62	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	24	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	93	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	76	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	23	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18209	109	81.41	\$223.68
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21471	77	27.01	\$794.98
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24798	49	6.20	\$4,002.00
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	60	6.63	\$3,525.80*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	118	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21061	82	5.31	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	46	5.99	\$4,174.96*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	73	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	37	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20978	83	3.98	\$5,273.00
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23284	61	5.53	\$4,211.18
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24146	52	4.01	\$6,019.90
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26677	38	5.78	\$4,614.62*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	96	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	41	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19921	95	62.64	\$318.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23736	56	27.28	\$870.00
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25757	44	5.81	\$4,431.72*
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27561	33	5.86	\$4,701.76*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20710	88	5.82	\$3,559.90
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	48	6.18	\$4,019.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	45	4.98	\$5,146.34*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23914	55	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	21	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31304	17	5.20	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23437	58	5.24	\$4,470.04
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28246	30	5.21	\$5,417.90
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30520	20	5.44	\$5,610.00
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	31	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29958	22	4.37	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	15	5.00	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	53	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26333	40	2.92	\$9,011.90
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	12	3.85	\$8,826.80
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	89	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	99	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	131	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	101	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	97	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19127	102	100.15	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	140	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	202	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	70	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	35	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	173	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	133	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	71	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	176	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15488	134	33.24	\$466.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	217	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	408	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	371	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3566	373	36.39	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4147	367	7.68	\$539.90*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	349	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4593	356	129.23	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5129	345	64.13	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5178	344	9.25	\$559.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6027	320	14.56	\$414.02*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6360	310	12.23	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6860	300	95.28	\$72.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7169	289	29.88	\$239.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7557	281	16.43	\$459.90*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7117	291	130.35	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7836	272	71.50	\$109.60*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	403	12.93	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	393	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4891	350	34.96	\$139.90
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5008	348	41.73	\$120.00
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5434	336	5.95	\$913.82*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7425	284	23.21	\$319.90
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	276	132.83	\$58.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	271	80.08	\$98.00
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4236	364	16.41	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5553	334	12.68	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5992	321	9.66	\$620.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8078	264	186.73	\$43.26
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8326	256	88.52	\$94.06
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8790	242	73.88	\$118.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10323	208	47.80	\$215.96
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10296	209	44.77	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	335	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	338	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	21833	74	7.99	\$2,731.06*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	51	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	79	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	20751	87	7.70	\$2,696.00*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25997	43	8.33	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17491	113	6.78	\$2,577.98*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27757	32	7.32	\$3,793.10
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22869	67	6.21	\$3,684.54*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	23057	66	5.94	\$3,883.98
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	34	6.16	\$4,465.62*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	26525	39	6.14	\$4,318.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	28778	29	5.37	\$5,355.64*
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35063	10	6.54	\$5,359.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	33297	14	6.43	\$5,179.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	28	4.96	\$5,810.52*
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28886	27	4.94	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	28993	25	4.34	\$6,678.00
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36272	5	6.18	\$5,870.00
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	18	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35368	9	4.70	\$7,519.98*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36640	4	4.81	\$7,618.00
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	359	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	363	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	351	64.02	\$76.40*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	332	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	318	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	307	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6600	302	20.89	\$315.90*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	297	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	296	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	267	284.35	\$27.92*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	295	202.14	\$34.66*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	238	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	226	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9710	224	101.12	\$96.02
[Dual CPU] Intel Xeon MP 2.50GHz	550	434	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon MP 2.70GHz	539	436	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	430	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	416	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	35823	7	2.32	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	38975	3	3.31	\$11,780.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	8	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	35981	6	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	34585	11	1.73	\$20,030.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15702	132	17.09	\$918.76
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16810	120	15.86	\$1,059.72
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	156	12.86	\$1,058.42*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19569	98	13.13	\$1,489.98
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	19929	94	8.89	\$2,242.32*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	214	47.23	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	207	2.06	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	210	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4768	354	17.12	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	355	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	352	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5775	326	9.32	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6229	315	31.30	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7472	283	74.73	\$99.98*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7850	269	81.77	\$96.00*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8174	262	21.62	\$378.00
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7780	273	17.29	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8222	260	41.11	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8722	245	3.13	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8971	236	259.73	\$34.54*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	232	78.38	\$115.90*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9533	229	53.56	\$178.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	221	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11363	191	189.45	\$59.98
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11673	183	51.69	\$225.82*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	241	62.98	\$140.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12325	170	92.54	\$133.18
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	216	17.76	\$567.44*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12617	165	78.87	\$159.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11406	189	54.31	\$210.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	155	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13603	157	39.09	\$348.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11984	178	102.44	\$116.98
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13807	150	43.42	\$318.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	252	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	303	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	246	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	220	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	185	264.34	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	365	59.59	\$70.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	347	15.28	\$330.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Quad-Core AMD Opteron 8350	4290	362	9.75	\$439.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Quad-Core AMD Opteron 8356	4376	361	199.09	\$21.98*
[Dual CPU] Quad-Core AMD Opteron 8378	5382	337	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	299	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	329	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	322	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	257	NA	NA
[Quad CPU] AMD Opteron 6136	9767	222	6.80	\$1,436.00*
[Quad CPU] AMD Opteron 6174	8594	249	11.55	\$743.96
[Quad CPU] AMD Opteron 6272	12292	171	4.66	\$2,635.56*
[Quad CPU] AMD Opteron 6274	10488	203	12.49	\$840.00*
[Quad CPU] AMD Opteron 6276	15342	136	47.95	\$319.96
[Quad CPU] AMD Opteron 6278	12055	175	23.18	\$519.96
[Quad CPU] AMD Opteron 6282 SE	11044	195	21.24	\$519.96
[Quad CPU] AMD Opteron 6376	14681	143	56.47	\$260.00
[Quad CPU] AMD Opteron 6380	12442	166	34.56	\$359.96
[Quad CPU] AMD Opteron 8360 SE	6490	306	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	319	NA	NA
[Quad CPU] AMD Opteron 8382	8553	251	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	286	NA	NA
[Quad CPU] AMD Opteron 8431	8252	259	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	292	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	239	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	417	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	377	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	119	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	130	21.06	\$756.00
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24511	50	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	78	55.95	\$381.96*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	128	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	16	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	116	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	115	131.38	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14622	144	15.69	\$932.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	164	15.87	\$799.96*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	294	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	274	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	212	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	227	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	233	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	42	5.07	\$5,155.96*
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	2	2.71	\$15,039.96*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	223	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	1	1.10	\$40,060.00*
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	228	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12068	174	4.26	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	248	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	187	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	15414	135	175.16	\$88.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Quad-Core AMD Opteron 8356	7170	288	163.10	\$43.96*

* - Last price seen from our affiliates.

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