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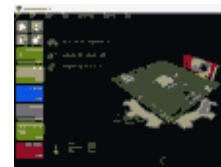
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CPU List

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.

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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	2618	NA	NA
AMD A4 Micro-6400T APU	1544	1812	NA	NA
AMD A4 PRO-3340B	2402	1423	NA	NA
AMD A4 PRO-7300B APU	2338	1444	NA	NA
AMD A4 PRO-7350B	2794	1287	NA	NA
AMD A4-1200 APU	639	2296	NA	NA
AMD A4-1250 APU	618	2305	NA	NA
AMD A4-3300 APU	1504	1833	115.84	\$12.99
AMD A4-3300M APU	1185	1996	39.54	\$29.99*
AMD A4-3305M APU	1221	1979	40.71	\$30.00*
AMD A4-3310MX APU	1292	1934	NA	NA
AMD A4-3320M APU	1253	1962	36.88	\$34.00
AMD A4-3330MX APU	1218	1980	NA	NA
AMD A4-3400 APU	1595	1795	155.09	\$10.29
AMD A4-3420 APU	1677	1745	NA	NA
AMD A4-4000 APU	1822	1673	60.76	\$29.99
AMD A4-4020 APU	1918	1619	19.19	\$100.00
AMD A4-4300M APU	1609	1784	40.38	\$39.86
AMD A4-4355M APU	1175	2000	NA	NA
AMD A4-5000 APU	1907	1623	NA	NA
AMD A4-5050 APU	2113	1540	NA	NA
AMD A4-5100 APU	2037	1568	NA	NA
AMD A4-5150M APU	1844	1660	NA	NA
AMD A4-5300 APU	2011	1580	34.50	\$58.32*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5300B APU	2125	1534	55.94	\$38.00*
AMD A4-6210 APU	2155	1519	NA	NA
AMD A4-6250J APU	2556	1366	NA	NA
AMD A4-6300 APU	2222	1498	65.39	\$33.99
AMD A4-6300B APU	2129	1531	21.30	\$100.00*
AMD A4-6320 APU	2337	1445	33.40	\$69.99
AMD A4-7210 APU	2503	1390	NA	NA
AMD A4-7300 APU	2297	1464	30.73	\$74.75
AMD A4-9120	1913	1620	NA	NA
AMD A6 Micro-6500T APU	1834	1669	NA	NA
AMD A6 PRO-7050B APU	1616	1781	NA	NA
AMD A6 PRO-7400B	2690	1322	NA	NA
AMD A6-1450 APU	1519	1824	NA	NA
AMD A6-3400M APU	1885	1644	62.91	\$29.97*
AMD A6-3410MX APU	2053	1564	68.47	\$29.99*
AMD A6-3420M APU	2002	1583	NA	NA
AMD A6-3430MX APU	2225	1497	NA	NA
AMD A6-3500 APU	2011	1581	50.31	\$39.99
AMD A6-3600 APU	2703	1318	117.61	\$22.99*
AMD A6-3620 APU	2799	1285	46.67	\$59.99*
AMD A6-3650 APU	3156	1168	98.66	\$31.99
AMD A6-3670 APU	3190	1153	63.83	\$49.99
AMD A6-4400M APU	1635	1770	41.02	\$39.86*
AMD A6-4455M APU	1283	1942	NA	NA
AMD A6-5200 APU	2424	1413	NA	NA
AMD A6-5345M APU	1476	1844	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	1631	44.05	\$43.12
AMD A6-5357M APU	1938	1608	NA	NA
AMD A6-5400B APU	2199	1507	20.94	\$105.04*
AMD A6-5400K APU	2150	1522	16.55	\$129.95
AMD A6-6310 APU	2445	1408	NA	NA
AMD A6-6400B APU	2281	1473	NA	NA
AMD A6-6400K APU	2302	1462	32.90	\$69.99
AMD A6-6420B APU	2612	1345	NA	NA
AMD A6-6420K APU	2361	1441	15.75	\$149.99*
AMD A6-7000	1671	1749	NA	NA
AMD A6-7310 APU	2662	1330	NA	NA
AMD A6-7400K APU	2783	1290	56.82	\$48.99
AMD A6-7470K	2727	1311	38.97	\$69.99
AMD A6-8500P	2202	1506	NA	NA
AMD A6-8550	3104	1181	NA	NA
AMD A6-9200	1688	1739	NA	NA
AMD A6-9210	1842	1662	NA	NA
AMD A6-9220	2190	1510	NA	NA
AMD A6-9220e	1600	1791	NA	NA
AMD A6-9225	2267	1480	NA	NA
AMD A6-9230	2102	1544	NA	NA
AMD A6-9500	2996	1216	49.05	\$61.08
AMD A6-9500E	2918	1246	48.65	\$59.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8 PRO-7150B APU	2650	1332	NA	NA
AMD A8 PRO-7600B APU	4797	802	NA	NA
AMD A8-3500M APU	1971	1595	28.19	\$69.95
AMD A8-3510MX APU	2370	1435	NA	NA
AMD A8-3520M APU	2178	1513	NA	NA
AMD A8-3530MX APU	2375	1433	NA	NA
AMD A8-3550MX APU	2610	1346	NA	NA
AMD A8-3800 APU	3034	1205	53.25	\$56.99
AMD A8-3820 APU	3129	1175	25.03	\$124.99*
AMD A8-3850 APU	3467	1079	32.81	\$105.68
AMD A8-3870K APU	3551	1057	71.04	\$49.99
AMD A8-4500M APU	2665	1328	NA	NA
AMD A8-4555M APU	2125	1535	NA	NA
AMD A8-5500 APU	3992	953	30.95	\$129.00*
AMD A8-5500B APU	3954	962	NA	NA
AMD A8-5545M APU	2582	1356	NA	NA
AMD A8-5550M APU	3007	1212	NA	NA
AMD A8-5557M APU	2963	1228	NA	NA
AMD A8-5600K APU	4341	889	24.13	\$179.95
AMD A8-6410 APU	2573	1360	NA	NA
AMD A8-6500 APU	4385	879	27.24	\$160.99*
AMD A8-6500B APU	4603	837	NA	NA
AMD A8-6500T APU	3221	1142	NA	NA
AMD A8-6600K APU	4583	843	47.25	\$96.99
AMD A8-7050	1986	1590	NA	NA
AMD A8-7100 APU	2802	1283	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	1115	NA	NA
AMD A8-7410 APU	2737	1308	NA	NA
AMD A8-7600 APU	5090	743	39.16	\$129.99
AMD A8-7650K	4932	779	66.67	\$73.99
AMD A8-7670K	5094	741	25.47	\$199.99
AMD A8-8600P	3248	1132	NA	NA
AMD A8-8650	5470	683	NA	NA
AMD A8-9600	5013	763	77.15	\$64.99
AMD A9-9400	2312	1456	NA	NA
AMD A9-9410	2555	1367	NA	NA
AMD A9-9420	2327	1449	NA	NA
AMD A9-9420e	1908	1622	NA	NA
AMD A9-9425	2723	1312	NA	NA
AMD A9-9430	2513	1384	NA	NA
AMD A10 Micro-6700T APU	1890	1638	NA	NA
AMD A10 PRO-7350B APU	3212	1148	NA	NA
AMD A10 PRO-7800B APU	5108	736	NA	NA
AMD A10 PRO-7850B APU	5382	699	NA	NA
AMD A10-4600M APU	3112	1180	NA	NA
AMD A10-4655M APU	2600	1349	NA	NA
AMD A10-4657M APU	2906	1251	NA	NA
AMD A10-5700 APU	4206	913	2.83	\$1,486.78
AMD A10-5745M APU	2762	1299	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	1112	NA	NA
AMD A10-5757M APU	3081	1189	NA	NA
AMD A10-5800B APU	4669	819	NA	NA
AMD A10-5800K APU	4638	824	15.40	\$301.11
AMD A10-6700 APU	4598	839	39.31	\$116.99
AMD A10-6700T APU	3691	1028	25.01	\$147.61*
AMD A10-6790K APU	4704	814	49.53	\$94.99
AMD A10-6800B APU	4991	767	NA	NA
AMD A10-6800K APU	4862	789	16.95	\$286.85*
AMD A10-7300 APU	2907	1250	NA	NA
AMD A10-7400P	3633	1036	NA	NA
AMD A10-7700K APU	5130	733	49.62	\$103.39
AMD A10-7800 APU	4992	766	48.29	\$103.39
AMD A10-7850K APU	5475	681	42.12	\$129.99
AMD A10-7860K	5089	744	12.79	\$398.00
AMD A10-7870K	5469	684	21.88	\$249.99
AMD A10-7890K	5735	649	28.68	\$199.99
AMD A10-8700P	3448	1083	NA	NA
AMD A10-8750	5082	746	NA	NA
AMD A10-8850	5598	669	NA	NA
AMD A10-9600P	3796	995	NA	NA
AMD A10-9620P	3692	1027	NA	NA
AMD A10-9630P	4497	859	NA	NA
AMD A10-9700	5436	690	67.97	\$79.99
AMD A10-9700E	4687	816	66.98	\$69.99
AMD A12-9700P	3733	1016	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A12-9720P	3987	954	NA	NA
AMD A12-9730P	4381	880	NA	NA
AMD A12-9800	5522	679	42.48	\$129.99
AMD A12-9800E	5104	738	44.59	\$114.49
AMD Athlon64 X2 Dual Core 4600+	1108	2038	NA	NA
AMD Athlon 4	279	2638	7.00	\$39.99
AMD Athlon 64 2000+	116	2773	NA	NA
AMD Athlon 64 2200+	575	2329	NA	NA
AMD Athlon 64 2600+	374	2511	NA	NA
AMD Athlon 64 2800+	438	2441	4.38	\$99.99*
AMD Athlon 64 3000+	463	2410	7.72	\$59.99
AMD Athlon 64 3200+	491	2378	3.28	\$149.95*
AMD Athlon 64 3300+	576	2328	NA	NA
AMD Athlon 64 3400+	546	2341	NA	NA
AMD Athlon 64 3500+	539	2347	4.96	\$108.95
AMD Athlon 64 3600+	601	2315	NA	NA
AMD Athlon 64 3700+	599	2316	8.69	\$69.00*
AMD Athlon 64 3800+	590	2318	3.28	\$179.95
AMD Athlon 64 4000+	605	2309	50.51	\$11.99
AMD Athlon 64 FX-25	794	2222	NA	NA
AMD Athlon 64 FX-34	380	2503	NA	NA
AMD Athlon 64 FX-51	437	2442	NA	NA
AMD Athlon 64 FX-53	646	2290	21.57	\$29.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-55	721	2254	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2249	NA	NA
AMD Athlon 64 FX-59	715	2258	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1943	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1805	NA	NA
AMD Athlon 64 FX-72	1794	1683	NA	NA
AMD Athlon 64 FX-74	1495	1839	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2137	NA	NA
AMD Athlon 64 X2 4200+	1285	1940	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1893	3.90	\$349.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2111	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	968	2127	16.15	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1001	2103	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1041	2079	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	2043	8.45	\$129.95
AMD Athlon 64 X2 Dual Core 4400+	1147	2019	95.69	\$11.99
AMD Athlon 64 X2 Dual Core 4600+	1222	1978	3.40	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1254	1961	80.98	\$15.49
AMD Athlon 64 X2 Dual Core 5000+	1313	1920	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1383	1883	26.05	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1445	1856	27.28	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1483	1842	9.90	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1817	61.17	\$24.99
AMD Athlon 64 X2 Dual Core 6000+	1604	1789	49.37	\$32.50
AMD Athlon 64 X2 Dual Core 6400+	1791	1685	6.89	\$259.95
AMD Athlon 64 X2 Dual Core BE-230	1095	2047	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	2058	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2077	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2202	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2203	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2125	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2182	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	815	2215	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	872	2183	11.99	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	927	2156	NA	NA
AMD Athlon 64 X2 QL-60	918	2166	NA	NA
AMD Athlon 64 X2 QL-62	1014	2095	NA	NA
AMD Athlon 64 X2 QL-64	989	2115	NA	NA
AMD Athlon 64 X2 QL-65	1046	2075	NA	NA
AMD Athlon 64 X2 QL-66	947	2143	NA	NA
AMD Athlon 64 X2 QL-67	1006	2100	NA	NA
AMD Athlon 64 X2 TK-55	955	2138	NA	NA
AMD Athlon 64 X2 TK-57	988	2116	NA	NA
AMD Athlon 200GE	4962	773	NA	NA
AMD Athlon 1500+	294	2611	NA	NA
AMD Athlon 1640B	678	2280	13.57	\$50.00*
AMD Athlon 1700+	349	2541	NA	NA
AMD Athlon 2000+	390	2498	NA	NA
AMD Athlon 2100+	412	2462	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 2200+	363	2528	4.55	\$79.99*
AMD Athlon 2400+	462	2413	NA	NA
AMD Athlon 2500+	374	2509	2.04	\$183.99*
AMD Athlon 2600+	444	2431	4.23	\$104.95*
AMD Athlon 2650e	409	2465	21.56	\$19.00*
AMD Athlon 2800+	447	2428	3.20	\$139.95*
AMD Athlon 2850e	504	2373	NA	NA
AMD Athlon 3100+	485	2392	NA	NA
AMD Athlon 3200+	458	2416	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	1933	76.13	\$16.98
AMD Athlon 5150 APU	2100	1546	13.13	\$159.95
AMD Athlon 5200 Dual-Core	1248	1965	41.64	\$29.99
AMD Athlon 5350 APU	2603	1348	7.86	\$331.40*
AMD Athlon 5370 APU	2898	1257	45.51	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1855	NA	NA
AMD Athlon 7550 Dual-Core	1458	1850	24.30	\$60.00*
AMD Athlon 7750 Dual-Core	1578	1801	10.61	\$148.71*
AMD Athlon 7850 Dual-Core	1715	1718	8.18	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2621	NA	NA
AMD Athlon Dual Core 4050e	1086	2053	NA	NA
AMD Athlon Dual Core 4450B	1162	2012	37.49	\$31.00*
AMD Athlon Dual Core 4450e	1102	2042	NA	NA
AMD Athlon Dual Core 4850B	1391	1880	NA	NA
AMD Athlon Dual Core 4850e	1310	1922	33.61	\$39.00*
AMD Athlon Dual Core 5000B	1300	1926	13.69	\$95.00*
AMD Athlon Dual Core 5050e	1347	1905	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	1916	NA	NA
AMD Athlon Dual Core 5400B	1405	1872	NA	NA
AMD Athlon Dual Core 5600B	1304	1925	NA	NA
AMD Athlon II 160u	560	2337	18.68	\$29.99*
AMD Athlon II 170u	624	2303	20.84	\$29.95*
AMD Athlon II Dual-Core M300	1114	2031	NA	NA
AMD Athlon II Dual-Core M320	1142	2024	38.08	\$30.00*
AMD Athlon II Dual-Core M340	1056	2072	NA	NA
AMD Athlon II N330 Dual-Core	1154	2016	NA	NA
AMD Athlon II N350 Dual-Core	1247	1968	NA	NA
AMD Athlon II N370 Dual-Core	1559	1808	NA	NA
AMD Athlon II Neo K125	472	2403	NA	NA
AMD Athlon II Neo K145	525	2355	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2230	29.83	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2195	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2224	NA	NA
AMD Athlon II P320 Dual-Core	1216	1981	40.62	\$29.95
AMD Athlon II P340 Dual-Core	1249	1964	27.80	\$44.95*
AMD Athlon II P360 Dual-Core	1317	1918	54.89	\$24.00*
AMD Athlon II X2 210e	1486	1841	NA	NA
AMD Athlon II X2 215	1577	1802	131.53	\$11.99*
AMD Athlon II X2 220	1632	1771	50.72	\$32.19
AMD Athlon II X2 225	1526	1818	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 235e	1660	1757	9.13	\$181.88*
AMD Athlon II X2 240	1641	1766	102.64	\$15.99
AMD Athlon II X2 240e	1699	1733	48.63	\$34.95*
AMD Athlon II X2 245	1657	1761	47.44	\$34.95
AMD Athlon II X2 245e	1706	1726	21.33	\$80.00*
AMD Athlon II X2 250	1742	1704	44.75	\$38.95
AMD Athlon II X2 250e	1949	1604	25.41	\$76.73*
AMD Athlon II X2 250u	1000	2104	28.62	\$34.95*
AMD Athlon II X2 255	1848	1658	28.34	\$65.22*
AMD Athlon II X2 260	1872	1648	93.66	\$19.99
AMD Athlon II X2 260u	1107	2040	13.28	\$83.44*
AMD Athlon II X2 265	1890	1639	22.81	\$82.88*
AMD Athlon II X2 270	1979	1592	82.53	\$23.99
AMD Athlon II X2 270u	1350	1902	19.96	\$67.67*
AMD Athlon II X2 280	2131	1529	21.32	\$99.99*
AMD Athlon II X2 4300e	1350	1901	NA	NA
AMD Athlon II X2 4400e	1618	1780	NA	NA
AMD Athlon II X2 4450e	1504	1834	NA	NA
AMD Athlon II X2 B22	1711	1721	31.30	\$54.69
AMD Athlon II X2 B24	1770	1692	44.31	\$39.95*
AMD Athlon II X2 B26	1891	1637	54.12	\$34.95
AMD Athlon II X2 B28	2089	1549	42.60	\$49.05*
AMD Athlon II X3 400e	2009	1582	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1573	25.32	\$79.99*
AMD Athlon II X3 415e	2247	1487	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1468	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	1455	85.69	\$26.99
AMD Athlon II X3 425e	2239	1492	NA	NA
AMD Athlon II X3 435	2473	1400	82.47	\$29.99
AMD Athlon II X3 440	2571	1362	95.29	\$26.99
AMD Athlon II X3 445	2572	1361	28.27	\$91.00*
AMD Athlon II X3 450	2623	1341	65.61	\$39.99
AMD Athlon II X3 455	2769	1294	71.02	\$38.99
AMD Athlon II X3 460	2859	1266	73.35	\$38.99
AMD Athlon II X4 553	3814	990	NA	NA
AMD Athlon II X4 555	3830	986	NA	NA
AMD Athlon II X4 559	4142	928	NA	NA
AMD Athlon II X4 600e	2453	1405	18.84	\$130.23*
AMD Athlon II X4 605e	2750	1304	27.01	\$101.80*
AMD Athlon II X4 610e	2797	1286	39.97	\$69.99*
AMD Athlon II X4 615e	2901	1256	49.17	\$59.00*
AMD Athlon II X4 620	2937	1237	41.97	\$69.99
AMD Athlon II X4 620e	2906	1252	NA	NA
AMD Athlon II X4 630	3135	1173	72.93	\$42.99
AMD Athlon II X4 631 Quad-Core	3153	1169	39.42	\$80.00*
AMD Athlon II X4 635	3244	1134	46.38	\$69.95
AMD Athlon II X4 638 Quad-Core	3198	1152	120.73	\$26.49
AMD Athlon II X4 640	3314	1117	41.45	\$79.95
AMD Athlon II X4 641 Quad-Core	3346	1109	36.57	\$91.50*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 645	3475	1077	69.52	\$49.99
AMD Athlon II X4 650	3479	1076	20.89	\$166.60*
AMD Athlon II X4 651 Quad-Core	3569	1051	20.05	\$178.04*
AMD Athlon II X4 655	2998	1215	NA	NA
AMD Athlon II X4 6400e	2594	1350	NA	NA
AMD Athlon L110	306	2587	NA	NA
AMD Athlon LE-1600	567	2334	27.04	\$21.00*
AMD Athlon LE-1620	572	2331	31.80	\$18.00*
AMD Athlon LE-1640	627	2301	NA	NA
AMD Athlon LE-1660	688	2273	NA	NA
AMD Athlon MP	230	2693	4.20	\$54.95*
AMD Athlon MP 1700+	339	2553	NA	NA
AMD Athlon MP 2400+	436	2443	NA	NA
AMD Athlon MP 2800+	497	2376	NA	NA
AMD Athlon Neo MV-40	409	2466	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2102	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2229	NA	NA
AMD Athlon Neo X2 Dual Core L335	824	2210	NA	NA
AMD Athlon PRO 200GE	5286	716	NA	NA
AMD Athlon QI-46	473	2402	NA	NA
AMD Athlon TF-20	414	2460	NA	NA
AMD Athlon TF-36	358	2531	NA	NA
AMD Athlon X2 215	1543	1813	NA	NA
AMD Athlon X2 235e	1806	1678	NA	NA
AMD Athlon X2 240	1589	1799	NA	NA
AMD Athlon X2 240e	1670	1750	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	1735	NA	NA
AMD Athlon X2 255	1627	1775	NA	NA
AMD Athlon X2 280	2303	1461	68.77	\$33.49
AMD Athlon X2 340 Dual Core	1901	1629	38.03	\$49.99
AMD Athlon X2 370K Dual Core	2251	1486	NA	NA
AMD Athlon X2 440	1424	1864	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2227	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2105	NA	NA
AMD Athlon X2 Dual Core BE-2300	925	2160	NA	NA
AMD Athlon X2 Dual Core BE-2350	1104	2041	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	1982	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1963	NA	NA
AMD Athlon X2 Dual Core L310	643	2293	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2098	NA	NA
AMD Athlon X3 425	2191	1509	NA	NA
AMD Athlon X3 435	2574	1359	26.96	\$95.49*
AMD Athlon X3 440	2078	1555	23.62	\$87.99*
AMD Athlon X3 445	2314	1453	NA	NA
AMD Athlon X3 450	3064	1195	38.80	\$78.99*
AMD Athlon X3 455	2401	1424	NA	NA
AMD Athlon X4 605e	2505	1388	NA	NA
AMD Athlon X4 620	2861	1264	47.74	\$59.95
AMD Athlon X4 635	2891	1259	23.71	\$121.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X4 640	3172	1157	NA	NA
AMD Athlon X4 740 Quad Core	4009	948	14.48	\$277.00*
AMD Athlon X4 750 Quad Core	4551	848	NA	NA
AMD Athlon X4 750K Quad Core	4248	909	55.18	\$76.99*
AMD Athlon X4 760K Quad Core	4594	841	99.91	\$45.99
AMD Athlon X4 830	4701	815	NA	NA
AMD Athlon X4 840	5037	757	63.98	\$78.74*
AMD Athlon X4 845	5424	694	108.51	\$49.99
AMD Athlon X4 860K	5434	691	92.12	\$58.99
AMD Athlon X4 870K	5301	714	66.28	\$79.99
AMD Athlon X4 880K	5570	672	55.71	\$99.99
AMD Athlon X4 950	5305	713	88.44	\$59.99
AMD Athlon XP1600+	281	2633	NA	NA
AMD Athlon XP1700+	234	2689	NA	NA
AMD Athlon XP1900+	353	2537	NA	NA
AMD Athlon XP2100+	287	2623	NA	NA
AMD Athlon XP2200+	401	2480	NA	NA
AMD Athlon XP2400+	374	2510	NA	NA
AMD Athlon XP 1500	282	2632	NA	NA
AMD Athlon XP 1500+	257	2663	NA	NA
AMD Athlon XP 1600+	267	2653	NA	NA
AMD Athlon XP 1700	344	2549	NA	NA
AMD Athlon XP 1700+	271	2647	NA	NA
AMD Athlon XP 1800+	300	2598	5.10	\$58.95*
AMD Athlon XP 1900+	312	2581	NA	NA
AMD Athlon XP 2000+	299	2599	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	2565	NA	NA
AMD Athlon XP 2200+	328	2563	3.87	\$84.95*
AMD Athlon XP 2300+	464	2409	NA	NA
AMD Athlon XP 2400+	360	2530	4.01	\$89.99*
AMD Athlon XP 2500+	355	2534	NA	NA
AMD Athlon XP 2600+	372	2514	16.18	\$23.03*
AMD Athlon XP 2700+	393	2491	4.64	\$84.79*
AMD Athlon XP 2800+	399	2483	NA	NA
AMD Athlon XP 2900+	440	2436	NA	NA
AMD Athlon XP 3000+	402	2479	5.05	\$79.70*
AMD Athlon XP 3100+	433	2448	NA	NA
AMD Athlon XP 3200+	433	2447	NA	NA
AMD Athlon XP 3400+	570	2333	NA	NA
AMD Athlon XP Pro3+	367	2520	NA	NA
AMD Athlon XP-M	541	2346	15.48	\$34.95*
AMD C-30	310	2583	NA	NA
AMD C-50	462	2412	NA	NA
AMD C-60	466	2407	NA	NA
AMD C-60 APU	544	2342	NA	NA
AMD C-70 APU	563	2336	NA	NA
AMD E1 Micro-6200T APU	960	2135	NA	NA
AMD E1-1200 APU	657	2286	NA	NA
AMD E1-1500 APU	688	2274	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E1-2100 APU	636	2297	NA	NA
AMD E1-2200 APU	767	2232	NA	NA
AMD E1-2500 APU	888	2179	NA	NA
AMD E1-6010 APU	859	2190	NA	NA
AMD E1-6015 APU	901	2176	NA	NA
AMD E1-7010 APU	1011	2097	NA	NA
AMD E2-1800 APU	818	2212	NA	NA
AMD E2-2000 APU	830	2206	NA	NA
AMD E2-3000 APU	1088	2050	NA	NA
AMD E2-3000M APU	1092	2048	54.65	\$20.00*
AMD E2-3200 APU	1401	1873	175.41	\$7.99*
AMD E2-3800 APU	1644	1764	NA	NA
AMD E2-6110 APU	1902	1625	NA	NA
AMD E2-7110 APU	2281	1475	NA	NA
AMD E2-9000	1666	1754	NA	NA
AMD E2-9000e	1347	1904	NA	NA
AMD E2-9010	1774	1689	NA	NA
AMD E-240	318	2571	NA	NA
AMD E-300 APU	611	2308	NA	NA
AMD E-350	747	2244	NA	NA
AMD E-350 APU	757	2240	NA	NA
AMD E-350D APU	723	2253	NA	NA
AMD E-450 APU	767	2233	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1700	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1550	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2509	1385	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	1419	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	747	NA	NA
AMD Embedded R-Series RX-421BD	4635	826	NA	NA
AMD EPYC 7251 8-Core	10679	229	21.01	\$508.29
AMD EPYC 7351P	15820	100	14.94	\$1,059.00
AMD EPYC 7401P	18546	54	16.06	\$1,154.99
AMD EPYC 7501	18942	50	4.32	\$4,384.31
AMD EPYC 7551	18483	55	4.85	\$3,813.99
AMD FirePro A320 APU	4540	854	NA	NA
AMD FX-670K Quad-Core	4550	849	NA	NA
AMD FX-770K Quad-Core	4777	805	NA	NA
AMD FX-870K Quad Core	5105	737	NA	NA
AMD FX-4100 Quad-Core	4070	937	31.32	\$129.99*
AMD FX-4130 Quad-Core	4167	922	54.84	\$75.99*
AMD FX-4150 Quad-Core	4594	842	NA	NA
AMD FX-4170 Quad-Core	4857	791	48.58	\$99.99
AMD FX-4200 Quad-Core	4261	906	18.68	\$228.21*
AMD FX-4300 Quad-Core	4682	817	89.21	\$52.49
AMD FX-4320	5004	765	NA	NA
AMD FX-4330	5321	711	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-4350 Quad-Core	5334	709	41.04	\$129.99
AMD FX-6100 Six-Core	5379	700	17.70	\$304.00
AMD FX-6120 Six-Core	5734	650	NA	NA
AMD FX-6130 Six-Core	6215	595	NA	NA
AMD FX-6200 Six-Core	6130	609	18.03	\$339.95
AMD FX-6300 Six-Core	6384	589	116.11	\$54.99
AMD FX-6330 Six-Core	6916	537	NA	NA
AMD FX-6350 Six-Core	6996	529	53.83	\$129.99
AMD FX-7500 APU	3212	1149	NA	NA
AMD FX-7600P	4053	939	NA	NA
AMD FX-7600P APU	4627	830	NA	NA
AMD FX-8100 Eight-Core	6018	620	42.39	\$142.00*
AMD FX-8120 Eight-Core	6599	566	66.00	\$99.99
AMD FX-8140 Eight-Core	6033	618	NA	NA
AMD FX-8150 Eight-Core	7627	470	19.89	\$383.50*
AMD FX-8300 Eight-Core	7716	461	93.82	\$82.25
AMD FX-8310 Eight-Core	7758	456	NA	NA
AMD FX-8320 Eight-Core	8018	431	90.11	\$88.99
AMD FX-8320E Eight-Core	7543	475	79.90	\$94.42
AMD FX-8350 Eight-Core	8949	360	127.86	\$69.99
AMD FX-8370 Eight-Core	9027	352	70.53	\$128.00
AMD FX-8370E Eight-Core	7804	450	30.13	\$259.00
AMD FX-8800P	4143	927	NA	NA
AMD FX-9370 Eight-Core	9467	314	52.92	\$178.89
AMD FX-9590 Eight-Core	10192	251	102.97	\$98.98
AMD FX-9800P	4007	951	NA	NA
AMD FX-9830P	4746	810	NA	NA
AMD FX-B4150 Quad-Core	4611	834	NA	NA
AMD G-T40E	485	2389	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	2361	NA	NA
AMD G-T40R	203	2720	NA	NA
AMD G-T44R	227	2695	NA	NA
AMD G-T48E	716	2257	NA	NA
AMD G-T52R	303	2592	NA	NA
AMD G-T56E	751	2241	NA	NA
AMD G-T56N	791	2225	NA	NA
AMD Geode NX	264	2656	NA	NA
AMD Geode NX 1750	291	2612	NA	NA
AMD GX-210JA SOC	401	2481	NA	NA
AMD GX-212JC SOC	744	2245	NA	NA
AMD GX-217GA SOC	1097	2044	NA	NA
AMD GX-218GL SOC	1115	2030	NA	NA
AMD GX-222GC SOC	1255	1959	NA	NA
AMD GX-412HC	1497	1837	NA	NA
AMD GX-415GA SOC	1946	1606	NA	NA
AMD GX-420CA SOC	2362	1440	NA	NA
AMD GX-424CC SOC	2488	1394	NA	NA
AMD K7	403	2476	NA	NA
AMD Opteron 140	396	2487	0.56	\$710.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 142	428	2454	NA	NA
AMD Opteron 144	486	2388	7.48	\$65.00*
AMD Opteron 146	532	2352	8.87	\$59.99*
AMD Opteron 148	603	2314	NA	NA
AMD Opteron 150	604	2312	NA	NA
AMD Opteron 152	658	2284	NA	NA
AMD Opteron 154	703	2267	NA	NA
AMD Opteron 165	899	2177	1.47	\$610.00*
AMD Opteron 170	1097	2045	NA	NA
AMD Opteron 175	1167	2008	NA	NA
AMD Opteron 180	1234	1972	9.50	\$129.95*
AMD Opteron 185	1360	1897	NA	NA
AMD Opteron 246	632	2299	31.62	\$19.99
AMD Opteron 248	476	2400	4.77	\$99.95
AMD Opteron 250	649	2289	59.01	\$11.00*
AMD Opteron 252	760	2237	12.00	\$63.36*
AMD Opteron 254	693	2270	NA	NA
AMD Opteron 256	963	2132	50.72	\$19.00*
AMD Opteron 265	963	2133	6.02	\$159.95*
AMD Opteron 270	1083	2057	1.78	\$607.47*
AMD Opteron 275	1291	1936	19.87	\$64.99
AMD Opteron 280	1272	1950	1.60	\$796.67*
AMD Opteron 285	1470	1846	NA	NA
AMD Opteron 290	1464	1848	10.85	\$135.00*
AMD Opteron 1210	923	2162	NA	NA
AMD Opteron 1210 HE	971	2124	NA	NA
AMD Opteron 1212	1009	2099	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1923	NA	NA
AMD Opteron 1214	1191	1993	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	1927	NA	NA
AMD Opteron 1216	1311	1921	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2005	NA	NA
AMD Opteron 1218	1468	1847	NA	NA
AMD Opteron 1218 HE	1444	1857	NA	NA
AMD Opteron 1220	1653	1763	NA	NA
AMD Opteron 1222	1757	1697	NA	NA
AMD Opteron 1352	2316	1452	17.04	\$135.99*
AMD Opteron 1354	2630	1339	8.49	\$309.97*
AMD Opteron 1356	2765	1297	30.73	\$89.99*
AMD Opteron 1381	3065	1194	NA	NA
AMD Opteron 2212	1270	1952	105.89	\$12.00*
AMD Opteron 2214	1358	1898	46.85	\$29.00
AMD Opteron 2214 HE	1415	1868	NA	NA
AMD Opteron 2216	1518	1828	8.53	\$178.01*
AMD Opteron 2218	1594	1796	49.18	\$32.42*
AMD Opteron 2220	1701	1732	1.15	\$1,475.16*
AMD Opteron 2220 SE	1398	1875	55.92	\$25.00*
AMD Opteron 2222	1843	1661	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1618	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2350	2820	1275	10.45	\$269.99*
AMD Opteron 2356	2814	1278	188.25	\$14.95
AMD Opteron 2373 EE	2789	1289	NA	NA
AMD Opteron 2374 HE	2951	1231	15.53	\$189.99*
AMD Opteron 2376	2283	1472	13.69	\$166.80*
AMD Opteron 2378	3179	1156	17.76	\$179.00*
AMD Opteron 2380	2640	1336	105.64	\$25.00*
AMD Opteron 2384	3538	1063	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1064	NA	NA
AMD Opteron 2393 SE	2246	1488	NA	NA
AMD Opteron 2427	3069	1192	31.00	\$99.00
AMD Opteron 2431	4516	857	112.91	\$40.00
AMD Opteron 2435	4708	813	24.91	\$189.00
AMD Opteron 3260 HE	3259	1128	NA	NA
AMD Opteron 3280	5286	717	19.35	\$273.18*
AMD Opteron 3320 EE	2675	1326	NA	NA
AMD Opteron 3350 HE	4009	949	NA	NA
AMD Opteron 3365	5943	626	NA	NA
AMD Opteron 3380	6384	590	7.89	\$809.00*
AMD Opteron 4122	2942	1234	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1160	NA	NA
AMD Opteron 4184	4418	873	8.50	\$519.95*
AMD Opteron 4280	6430	582	128.63	\$49.99
AMD Opteron 4284	6660	559	111.03	\$59.99
AMD Opteron 4332 HE	5614	665	NA	NA
AMD Opteron 4334	6133	608	28.34	\$216.42*
AMD Opteron 4365 EE	5025	758	NA	NA
AMD Opteron 4386	5419	695	38.71	\$139.99
AMD Opteron 6128	4505	858	30.24	\$149.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6134	2938	1236	8.93	\$329.00
AMD Opteron 6136	4631	827	12.90	\$359.00*
AMD Opteron 6164 HE	5351	705	NA	NA
AMD Opteron 6174	6171	603	62.34	\$99.00
AMD Opteron 6176 SE	5446	688	34.26	\$159.00
AMD Opteron 6212	5776	645	192.62	\$29.99
AMD Opteron 6220	6785	545	113.11	\$59.99
AMD Opteron 6234	5979	622	85.44	\$69.99*
AMD Opteron 6238	7316	497	121.96	\$59.99
AMD Opteron 6272	6748	551	10.24	\$658.89*
AMD Opteron 6274	4865	788	20.36	\$239.00
AMD Opteron 6276	9011	355	112.66	\$79.99
AMD Opteron 6282 SE	9116	343	70.13	\$129.99
AMD Opteron 6287 SE	9789	287	NA	NA
AMD Opteron 6328	7813	449	39.07	\$199.99
AMD Opteron 6366 HE	7503	479	37.52	\$199.99
AMD Opteron 6376	9414	319	144.84	\$65.00
AMD Opteron 6378	2152	1520	10.76	\$199.99
AMD Opteron 6380	10081	264	112.03	\$89.99
AMD Opteron 6386 SE	10748	225	71.66	\$149.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 8354	2255	1485	102.52	\$22.00
AMD Opteron 8439 SE	3813	991	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1196	NA	NA
AMD Opteron X3216 APU	2368	1437	NA	NA
AMD Opteron X3421 APU	4894	783	NA	NA
AMD Phenom 2 X4 12000	3005	1214	NA	NA
AMD Phenom 7950 Quad-Core	2991	1220	NA	NA
AMD Phenom 8250 Triple-Core	1644	1765	NA	NA
AMD Phenom 8250e Triple-Core	1619	1779	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1631	1773	NA	NA
AMD Phenom 8450 Triple-Core	1887	1643	63.01	\$29.95*
AMD Phenom 8450e Triple-Core	2040	1566	NA	NA
AMD Phenom 8600 Triple-Core	1703	1729	32.15	\$52.99*
AMD Phenom 8600B Triple-Core	1920	1617	36.25	\$52.99*
AMD Phenom 8650 Triple-Core	1991	1587	39.83	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1561	NA	NA
AMD Phenom 8750B Triple-Core	2034	1570	NA	NA
AMD Phenom 8850 Triple-Core	2026	1572	NA	NA
AMD Phenom 8850B Triple-Core	2080	1554	NA	NA
AMD Phenom 9100e Quad-Core	1835	1667	45.96	\$39.95
AMD Phenom 9150e Quad-Core	2113	1539	52.90	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1451	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1342	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2204	1505	76.04	\$28.99
AMD Phenom 9550 Quad-Core	2543	1371	87.74	\$28.99
AMD Phenom 9600 Quad-Core	2304	1459	46.13	\$49.95
AMD Phenom 9600B Quad-Core	2577	1358	17.51	\$147.19*
AMD Phenom 9650 Quad-Core	2640	1337	48.05	\$54.95*
AMD Phenom 9750 Quad-Core	2812	1279	95.37	\$29.49
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	1316	NA	NA
AMD Phenom 9850 Quad-Core	2893	1258	57.87	\$50.00*
AMD Phenom 9850B Quad-Core	3160	1165	NA	NA
AMD Phenom 9950 Quad-Core	3012	1210	16.74	\$179.98*
AMD Phenom FX-5000 Quad-Core	2517	1381	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1232	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1039	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1074	NA	NA
AMD Phenom II N620 Dual-Core	1681	1743	421.40	\$3.99
AMD Phenom II N640 Dual-Core	1716	1717	26.43	\$64.95*
AMD Phenom II N660 Dual-Core	1853	1655	18.72	\$99.00*
AMD Phenom II N830 3+1	2652	1331	NA	NA
AMD Phenom II N830 Triple-Core	1889	1640	NA	NA
AMD Phenom II N850 Triple-Core	1935	1610	77.42	\$25.00*
AMD Phenom II N870 Triple-Core	1988	1589	NA	NA
AMD Phenom II N930 Quad-Core	2270	1479	17.47	\$129.95*
AMD Phenom II N950 Quad-Core	2484	1397	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2524	1378	16.83	\$149.99*
AMD Phenom II P650 Dual-Core	1597	1793	45.66	\$35.00*
AMD Phenom II P820 Triple-Core	1604	1787	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II P840 Triple-Core	1738	1708	NA	NA
AMD Phenom II P860 Triple-Core	1759	1695	NA	NA
AMD Phenom II P920 Quad-Core	1866	1650	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1675	NA	NA
AMD Phenom II P960 Quad-Core	2086	1551	74.52	\$28.00*
AMD Phenom II X2 511	2104	1543	NA	NA
AMD Phenom II X2 521	2077	1556	NA	NA
AMD Phenom II X2 545	1911	1621	43.46	\$43.98
AMD Phenom II X2 550	2021	1574	40.43	\$49.99
AMD Phenom II X2 555	2044	1565	70.51	\$28.99
AMD Phenom II X2 560	2057	1562	51.46	\$39.99
AMD Phenom II X2 565	2211	1501	73.73	\$29.99
AMD Phenom II X2 570	1960	1599	NA	NA
AMD Phenom II X2 B53	1709	1724	NA	NA
AMD Phenom II X2 B55	1931	1613	40.24	\$48.00*
AMD Phenom II X2 B57	1826	1671	NA	NA
AMD Phenom II X2 B59	2139	1526	107.07	\$19.98
AMD Phenom II X3 700e	2285	1470	NA	NA
AMD Phenom II X3 705e	2227	1496	14.63	\$152.34*
AMD Phenom II X3 710	2443	1409	28.91	\$84.53*
AMD Phenom II X3 715	2649	1333	31.17	\$84.99*
AMD Phenom II X3 720	2679	1325	38.28	\$69.99
AMD Phenom II X3 740	2994	1218	33.65	\$88.99*
AMD Phenom II X3 B73	2735	1310	36.47	\$75.00*
AMD Phenom II X3 B75	2929	1240	73.25	\$39.99
AMD Phenom II X3 B77	3067	1193	125.79	\$24.39
AMD Phenom II X4 805	2994	1217	17.21	\$173.99*
AMD Phenom II X4 810	3125	1176	26.94	\$115.99*
AMD Phenom II X4 820	3400	1094	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	1085	42.99	\$79.95*
AMD Phenom II X4 840	3511	1068	39.04	\$89.95*
AMD Phenom II X4 840T	3601	1042	51.45	\$69.99
AMD Phenom II X4 850	3547	1059	54.59	\$64.99
AMD Phenom II X4 900e	2882	1261	NA	NA
AMD Phenom II X4 905e	3087	1186	57.18	\$53.99
AMD Phenom II X4 910	3252	1131	32.53	\$100.00*
AMD Phenom II X4 910e	3253	1130	20.72	\$156.99*
AMD Phenom II X4 920	3399	1095	75.57	\$44.99
AMD Phenom II X4 925	3421	1088	77.78	\$43.99
AMD Phenom II X4 940	3593	1043	29.95	\$119.99*
AMD Phenom II X4 945	3662	1032	74.00	\$49.49
AMD Phenom II X4 955	3933	970	30.22	\$130.16*
AMD Phenom II X4 960T	3787	999	59.20	\$63.99
AMD Phenom II X4 965	4192	916	71.06	\$59.00
AMD Phenom II X4 970	4328	894	29.23	\$148.11*
AMD Phenom II X4 973	3759	1006	NA	NA
AMD Phenom II X4 975	4469	863	35.28	\$126.69
AMD Phenom II X4 977	3750	1010	NA	NA
AMD Phenom II X4 980	4493	860	32.88	\$136.64*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 8700e	2377	1432	NA	NA
AMD Phenom II X4 B05e	2781	1291	NA	NA
AMD Phenom II X4 B15e	2736	1309	NA	NA
AMD Phenom II X4 B25	3330	1113	NA	NA
AMD Phenom II X4 B35	3383	1102	NA	NA
AMD Phenom II X4 B40	3394	1100	NA	NA
AMD Phenom II X4 B45	3467	1080	NA	NA
AMD Phenom II X4 B50	3702	1023	NA	NA
AMD Phenom II X4 B55	3858	978	NA	NA
AMD Phenom II X4 B60	4044	941	NA	NA
AMD Phenom II X4 B65	4177	920	NA	NA
AMD Phenom II X4 B70	4261	907	NA	NA
AMD Phenom II X4 B93	3355	1108	NA	NA
AMD Phenom II X4 B95	3702	1024	50.75	\$72.95*
AMD Phenom II X4 B97	3886	975	68.20	\$56.99
AMD Phenom II X4 B99	4130	932	NA	NA
AMD Phenom II X6 1035T	4665	820	24.68	\$189.00*
AMD Phenom II X6 1045T	4817	798	27.53	\$175.00*
AMD Phenom II X6 1055T	4965	771	26.84	\$185.00*
AMD Phenom II X6 1065T	5064	749	NA	NA
AMD Phenom II X6 1075T	5343	707	47.29	\$112.99
AMD Phenom II X6 1090T	5586	671	14.10	\$396.08*
AMD Phenom II X6 1100T	5731	651	32.29	\$177.49
AMD Phenom II X6 1405T	5042	756	NA	NA
AMD Phenom II X620 Dual-Core	2189	1511	NA	NA
AMD Phenom II X640 Dual-Core	2021	1575	NA	NA
AMD Phenom II X920 Quad-Core	2640	1338	NA	NA
AMD Phenom II X940 Quad-Core	2695	1320	NA	NA
AMD Phenom Ultra X4 24500	3945	965	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	1734	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1503	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1699	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1998	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1860	NA	NA
AMD Phenom X3 8550	1923	1616	11.32	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1696	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1585	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1494	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2812	1281	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1315	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1321	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1984	NA	NA
AMD PRO A4-3350B APU	2518	1380	NA	NA
AMD PRO A4-8350B	2791	1288	NA	NA
AMD PRO A6-7350B	2759	1301	NA	NA
AMD PRO A6-8500B	2516	1382	NA	NA
AMD PRO A6-8530B	2388	1427	NA	NA
AMD PRO A6-8550B	2985	1222	NA	NA
AMD PRO A6-8570	3049	1199	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A6-8570E	2824	1274	NA	NA
AMD PRO A6-9500	3239	1138	43.77	\$74.00*
AMD PRO A6-9500B	2076	1557	NA	NA
AMD PRO A6-9500E	2761	1300	37.31	\$74.00*
AMD PRO A8-8600B	3553	1056	NA	NA
AMD PRO A8-8650B	5426	693	NA	NA
AMD PRO A8-8670E	5015	760	NA	NA
AMD PRO A8-9600	5296	715	44.51	\$119.00*
AMD PRO A8-9600B	4004	952	NA	NA
AMD PRO A10-8700B	3583	1049	NA	NA
AMD PRO A10-8730B	3985	956	NA	NA
AMD PRO A10-8750B	5646	664	NA	NA
AMD PRO A10-8770	5707	653	NA	NA
AMD PRO A10-8770E	5045	754	NA	NA
AMD PRO A10-8850B	5852	636	NA	NA
AMD PRO A10-9700	5677	658	33.59	\$169.00*
AMD PRO A10-9700B	4393	877	NA	NA
AMD PRO A10-9700E	4922	782	35.42	\$139.00*
AMD PRO A12-8800B	4154	926	NA	NA
AMD PRO A12-8830B	4377	881	NA	NA
AMD PRO A12-8870	6067	615	NA	NA
AMD PRO A12-8870E	5186	727	NA	NA
AMD PRO A12-9800	6199	599	36.68	\$169.00*
AMD PRO A12-9800B	4158	925	NA	NA
AMD PRO A12-9800E	4793	804	28.36	\$169.00*
AMD QC-4000	1663	1756	NA	NA
AMD R-260H APU	1576	1803	NA	NA
AMD R-460L APU	1954	1602	NA	NA
AMD R-464L APU	3117	1178	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	896	NA	NA
AMD Ryzen 3 1200	6753	550	56.76	\$118.98
AMD Ryzen 3 1300X	7473	481	54.24	\$137.79
AMD Ryzen 3 2200G	7421	488	82.47	\$89.99
AMD Ryzen 3 2200GE	7124	514	NA	NA
AMD Ryzen 3 2200U	4628	829	NA	NA
AMD Ryzen 3 2300U	5830	640	NA	NA
AMD Ryzen 3 PRO 1200	7069	522	NA	NA
AMD Ryzen 3 PRO 1300	7999	434	NA	NA
AMD Ryzen 3 PRO 2200G	8106	422	NA	NA
AMD Ryzen 3 PRO 2200GE	7975	437	NA	NA
AMD Ryzen 3 PRO 2300U	7188	509	NA	NA
AMD Ryzen 5 1400	8382	399	62.56	\$134.00
AMD Ryzen 5 1500X	10063	266	83.87	\$119.99
AMD Ryzen 5 1600	12265	183	94.36	\$129.99
AMD Ryzen 5 1600X	13229	163	77.38	\$170.98
AMD Ryzen 5 2400G	9286	331	58.41	\$158.99
AMD Ryzen 5 2400GE	7574	474	NA	NA
AMD Ryzen 5 2500U	7339	496	NA	NA
AMD Ryzen 5 2600	13504	158	84.41	\$159.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 2600X	14361	132	68.72	\$209.00
AMD Ryzen 5 PRO 1500	10123	260	NA	NA
AMD Ryzen 5 PRO 1600	12213	185	NA	NA
AMD Ryzen 5 PRO 2400G	10046	269	NA	NA
AMD Ryzen 5 PRO 2400GE	9712	296	NA	NA
AMD Ryzen 5 PRO 2500U	8975	357	NA	NA
AMD Ryzen 5 PRO 2600	14645	122	NA	NA
AMD Ryzen 7 1700	13743	147	66.07	\$208.00
AMD Ryzen 7 1700X	14662	121	80.30	\$182.59
AMD Ryzen 7 1800X	15395	106	55.99	\$274.99
AMD Ryzen 7 2700	15033	113	60.14	\$249.99
AMD Ryzen 7 2700U	7385	492	NA	NA
AMD Ryzen 7 2700X	16967	72	53.71	\$315.89
AMD Ryzen 7 PRO 1700	14708	118	NA	NA
AMD Ryzen 7 PRO 1700X	15349	107	NA	NA
AMD Ryzen 7 PRO 2700	15518	103	NA	NA
AMD Ryzen 7 PRO 2700U	9029	351	NA	NA
AMD Ryzen 7 PRO 2700X	17272	66	NA	NA
AMD Ryzen Embedded V1202B	5051	752	NA	NA
AMD Ryzen Embedded V1605B	7667	465	NA	NA
AMD Ryzen Embedded V1807B	7185	510	NA	NA
AMD Ryzen Threadripper 1900X	15862	98	49.57	\$319.99
AMD Ryzen Threadripper 1920X	18840	51	45.40	\$414.99
AMD Ryzen Threadripper 1950X	22060	20	40.11	\$549.99
AMD Ryzen Threadripper 2920X	20604	34	31.70	\$649.99
AMD Ryzen Threadripper 2950X	26146	6	29.05	\$899.99
AMD Ryzen Threadripper 2970WX	17210	68	13.24	\$1,299.99
AMD Ryzen Threadripper 2990WX	24291	13	14.04	\$1,729.99
AMD Ryzen Threadripper 2990X	14324	133	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	2288	26.29	\$24.99*
AMD Sempron 140	733	2247	18.54	\$39.59*
AMD Sempron 145	807	2220	47.54	\$16.98
AMD Sempron 150	707	2263	15.74	\$44.95
AMD Sempron 200U	267	2652	3.08	\$87.00*
AMD Sempron 210U	391	2496	NA	NA
AMD Sempron 240	2110	1541	36.39	\$58.00
AMD Sempron 2100+	392	2494	NA	NA
AMD Sempron 2200+	281	2636	9.38	\$29.99*
AMD Sempron 2300+	318	2572	7.07	\$45.00*
AMD Sempron 2400+	313	2580	11.62	\$27.00*
AMD Sempron 2500+	335	2555	4.20	\$79.95*
AMD Sempron 2600+	373	2512	10.70	\$34.95
AMD Sempron 2650 APU	939	2149	19.61	\$47.92
AMD Sempron 2800+	383	2501	19.19	\$19.99
AMD Sempron 3000+	409	2467	8.19	\$49.95
AMD Sempron 3100+	452	2423	7.53	\$60.00*
AMD Sempron 3200+	406	2470	31.29	\$13.00*
AMD Sempron 3300+	484	2394	8.07	\$60.00
AMD Sempron 3400+	454	2422	15.18	\$29.91*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 3500+	384	2500	19.23	\$20.00*
AMD Sempron 3600+	487	2386	40.59	\$12.00*
AMD Sempron 3800+	554	2339	26.39	\$21.00*
AMD Sempron 3850 APU	1710	1722	50.33	\$33.99
AMD Sempron Dual Core 2100	936	2151	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2110	NA	NA
AMD Sempron Dual Core 2300	982	2118	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2142	NA	NA
AMD Sempron Dual Core 4900	1081	2059	NA	NA
AMD Sempron LE-250	490	2380	NA	NA
AMD Sempron LE-1100	438	2440	NA	NA
AMD Sempron LE-1150	445	2429	NA	NA
AMD Sempron LE-1200	528	2353	NA	NA
AMD Sempron LE-1250	541	2345	5.41	\$99.95*
AMD Sempron LE-1300	605	2310	30.28	\$20.00
AMD Sempron LE-1600	535	2350	NA	NA
AMD Sempron LE-1620	635	2298	NA	NA
AMD Sempron LE-1640	759	2238	NA	NA
AMD Sempron M100	558	2338	46.58	\$12.00*
AMD Sempron M120	582	2322	NA	NA
AMD Sempron SI-40	443	2432	36.93	\$12.00*
AMD Sempron SI-42	454	2420	15.16	\$30.01
AMD Sempron X2 180	1222	1977	17.62	\$69.40*
AMD Sempron X2 190	1509	1831	18.09	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1869	NA	NA
AMD Turion 64 Mobile MK-36	465	2408	NA	NA
AMD Turion 64 Mobile MK-38	513	2363	NA	NA
AMD Turion 64 Mobile ML-28	390	2497	NA	NA
AMD Turion 64 Mobile ML-30	402	2478	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	2468	NA	NA
AMD Turion 64 Mobile ML-34	425	2456	NA	NA
AMD Turion 64 Mobile ML-37	442	2433	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2358	NA	NA
AMD Turion 64 Mobile ML-42	615	2306	NA	NA
AMD Turion 64 Mobile ML-44	591	2317	NA	NA
AMD Turion 64 Mobile MT-28	419	2457	NA	NA
AMD Turion 64 Mobile MT-30	378	2504	NA	NA
AMD Turion 64 Mobile MT-32	426	2455	NA	NA
AMD Turion 64 Mobile MT-34	429	2452	NA	NA
AMD Turion 64 Mobile MT-37	484	2393	NA	NA
AMD Turion 64 Mobile MT-40	536	2348	NA	NA
AMD Turion 64 X2 Mobile TL-50	748	2243	14.97	\$49.99*
AMD Turion 64 X2 Mobile TL-52	765	2234	NA	NA
AMD Turion 64 X2 Mobile TL-56	887	2180	44.36	\$20.00*
AMD Turion 64 X2 Mobile TL-58	944	2145	NA	NA
AMD Turion 64 X2 Mobile TL-60	993	2114	41.49	\$23.95*
AMD Turion 64 X2 Mobile TL-62	1087	2052	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1110	2035	28.20	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2025	3.02	\$378.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 X2 Mobile TL-68	1162	2010	12.92	\$90.00*
AMD Turion Dual-Core RM-70	904	2174	36.16	\$25.00*
AMD Turion Dual-Core RM-72	860	2189	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2094	NA	NA
AMD Turion Dual-Core RM-75	977	2121	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1293	1932	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	1924	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1909	NA	NA
AMD Turion II N530 Dual-Core	1583	1800	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1819	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2122	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	1995	NA	NA
AMD Turion II Neo N40L Dual-Core	924	2161	NA	NA
AMD Turion II Neo N54L Dual-Core	1376	1888	NA	NA
AMD Turion II P520 Dual-Core	1357	1899	NA	NA
AMD Turion II P540 Dual-Core	1426	1863	28.56	\$49.95*
AMD Turion II P560 Dual-Core	1513	1830	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1409	1871	79.15	\$17.81
AMD Turion II Ultra Dual-Core Mobile M620	1427	1862	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1752	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1816	NA	NA
AMD Turion Neo X2 Dual Core L625	819	2211	NA	NA
AMD Turion X2 Dual Core L510	923	2163	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2193	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2069	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	997	2107	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2054	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1062	2067	42.57	\$24.95*
AMD Turion X2 Dual-Core Mobile RM-75	1137	2027	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	2017	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1014	2096	72.45	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2056	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	1983	94.53	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	1973	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1931	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1267	1955	31.72	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2106	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2085	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1853	NA	NA
AMD V105	299	2600	NA	NA
AMD V120	623	2304	NA	NA
AMD V140	640	2295	12.83	\$49.95*
AMD V160	681	2278	NA	NA
AMD Z-01	523	2357	NA	NA
AMD Z-60 APU	500	2375	NA	NA
AMD-K6 3D	90	2777	NA	NA
AMD-K6-III	108	2774	NA	NA
AMD-K7	403	2477	NA	NA
Athlon 64 Dual Core 3800+	1234	1974	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Athlon 64 Dual Core 4200+	1156	2015	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	1890	NA	NA
Athlon 64 Dual Core 5000+	1507	1832	NA	NA
Athlon 64 Dual Core 5400+	1614	1782	NA	NA
Athlon 64 Dual Core 5600+	1548	1811	NA	NA
Athlon Dual Core 4050e	968	2128	NA	NA
Athlon Dual Core 4450e	1081	2060	NA	NA
Athlon Dual Core 4850e	1327	1914	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1269	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1084	2055	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1168	2006	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1200	1989	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	1947	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1986	NA	NA
HP Hexa-Core 2.0GHz	2178	1514	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2194	NA	NA
Intel 1400 @ 1.83GHz	980	2120	NA	NA
Intel 1500 @ 2.00GHz	1024	2088	NA	NA
Intel Atom 230 @ 1.60GHz	307	2586	NA	NA
Intel Atom 330 @ 1.60GHz	587	2320	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2178	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2134	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1552	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2329	1448	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1515	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	993	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1111	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1162	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1403	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	1372	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	794	14.62	\$332.00*
Intel Atom D410 @ 1.66GHz	301	2596	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2548	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2287	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	703	2266	NA	NA
Intel Atom D2500 @ 1.86GHz	404	2475	NA	NA
Intel Atom D2550 @ 1.86GHz	678	2279	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2259	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2200	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2255	NA	NA
Intel Atom E660 @ 1.30GHz	271	2648	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2545	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2561	2.22	\$149.00
Intel Atom E3825 @ 1.33GHz	579	2326	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2382	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2197	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2011	NA	NA
Intel Atom E3845 @ 1.91GHz	1496	1838	NA	NA
Intel Atom E3940 @ 1.60GHz	1889	1641	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom E3950 @ 1.60GHz	1827	1670	NA	NA
Intel Atom K510 @ 1.66GHz	658	2285	NA	NA
Intel Atom N270 @ 1.60GHz	268	2651	NA	NA
Intel Atom N280 @ 1.66GHz	283	2629	NA	NA
Intel Atom N435 @ 1.33GHz	261	2659	NA	NA
Intel Atom N450 @ 1.66GHz	296	2606	NA	NA
Intel Atom N455 @ 1.66GHz	284	2625	NA	NA
Intel Atom N470 @ 1.83GHz	307	2585	NA	NA
Intel Atom N475 @ 1.83GHz	314	2577	NA	NA
Intel Atom N550 @ 1.50GHz	525	2356	6.11	\$86.00*
Intel Atom N570 @ 1.66GHz	574	2330	6.68	\$86.00*
Intel Atom N2100 @ 1.60GHz	305	2589	NA	NA
Intel Atom N2600 @ 1.60GHz	525	2354	NA	NA
Intel Atom N2800 @ 1.86GHz	628	2300	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2167	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1567	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2218	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1623	1777	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1197	1990	9.00	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1017	2093	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1268	1953	60.42	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1693	1737	27.07	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1841	1663	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1902	1627	25.84	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1901	1628	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2728	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2704	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2707	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2635	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	2542	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2502	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2683	NA	NA
Intel Atom Z2760 @ 1.80GHz	565	2335	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2168	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2157	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2173	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2171	NA	NA
Intel Atom Z3736F @ 1.33GHz	922	2164	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	2068	NA	NA
Intel Atom Z3740D @ 1.33GHz	1023	2090	NA	NA
Intel Atom Z3745 @ 1.33GHz	1071	2064	NA	NA
Intel Atom Z3745D @ 1.33GHz	1034	2081	NA	NA
Intel Atom Z3770 @ 1.46GHz	1243	1970	8.32	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2221	NA	NA
Intel Atom Z3775 @ 1.46GHz	1256	1958	35.90	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1946	NA	NA
Intel Atom Z3795 @ 1.60GHz	1771	1691	NA	NA
Intel Celeron 1.70GHz	130	2767	NA	NA
Intel Celeron 1.80GHz	136	2764	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.00GHz	185	2736	NA	NA
Intel Celeron 2.10GHz	244	2681	NA	NA
Intel Celeron 2.13GHz	208	2715	NA	NA
Intel Celeron 2.20GHz	213	2710	NA	NA
Intel Celeron 2.26GHz	223	2699	NA	NA
Intel Celeron 2.30GHz	227	2696	NA	NA
Intel Celeron 2.40GHz	217	2705	NA	NA
Intel Celeron 2.50GHz	247	2675	NA	NA
Intel Celeron 2.53GHz	245	2679	NA	NA
Intel Celeron 2.60GHz	238	2686	NA	NA
Intel Celeron 2.66GHz	250	2671	NA	NA
Intel Celeron 2.70GHz	245	2680	NA	NA
Intel Celeron 2.80GHz	254	2665	NA	NA
Intel Celeron 2.93GHz	283	2628	NA	NA
Intel Celeron 3.06GHz	284	2624	NA	NA
Intel Celeron 3.20GHz	288	2617	NA	NA
Intel Celeron 3.33GHz	333	2558	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2567	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2570	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2425	2.00	\$225.00
Intel Celeron 430 @ 1.80GHz	490	2381	16.35	\$29.99
Intel Celeron 440 @ 2.00GHz	546	2340	9.11	\$59.99
Intel Celeron 450 @ 2.20GHz	626	2302	20.89	\$29.99
Intel Celeron 530 @ 1.73GHz	468	2405	20.37	\$23.00*
Intel Celeron 540 @ 1.86GHz	512	2364	NA	NA
Intel Celeron 550 @ 2.00GHz	515	2362	15.26	\$33.80
Intel Celeron 560 @ 2.13GHz	535	2349	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2359	NA	NA
Intel Celeron 600MHz	147	2760	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	2473	NA	NA
Intel Celeron 743 @ 1.30GHz	433	2449	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2242	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2518	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2307	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2152	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1026	2086	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2022	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2003	39.12	\$29.99
Intel Celeron 877 @ 1.40GHz	1288	1938	NA	NA
Intel Celeron 887 @ 1.50GHz	1275	1948	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2281	23.35	\$28.99
Intel Celeron 925 @ 2.30GHz	688	2272	NA	NA
Intel Celeron 1000M @ 1.80GHz	1675	1748	NA	NA
Intel Celeron 1000MHz	213	2709	NA	NA
Intel Celeron 1005M @ 1.90GHz	1811	1677	NA	NA
Intel Celeron 1007U @ 1.50GHz	1393	1879	7.53	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1519	1825	NA	NA
Intel Celeron 1019Y @ 1.00GHz	926	2158	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1495	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1037U @ 1.80GHz	1735	1711	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1994	NA	NA
Intel Celeron 1066MHz	259	2660	NA	NA
Intel Celeron 1100MHz	174	2746	NA	NA
Intel Celeron 1133MHz	282	2630	NA	NA
Intel Celeron 1200MHz	244	2682	NA	NA
Intel Celeron 1300MHz	288	2619	NA	NA
Intel Celeron 1333MHz	290	2613	NA	NA
Intel Celeron 1400MHz	302	2593	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1439	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1785	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1997	1584	NA	NA
Intel Celeron 2955U @ 1.40GHz	1419	1865	NA	NA
Intel Celeron 2957U @ 1.40GHz	1441	1858	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2036	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1454	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1797	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1804	NA	NA
Intel Celeron 3205U @ 1.50GHz	1520	1820	5.30	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1639	1768	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1730	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1588	NA	NA
Intel Celeron 3855U @ 1.60GHz	1657	1762	NA	NA
Intel Celeron 3865U @ 1.80GHz	1936	1609	NA	NA
Intel Celeron 3955U @ 2.00GHz	1862	1652	NA	NA
Intel Celeron 3965U @ 2.20GHz	2411	1418	22.54	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1619	1778	15.14	\$107.00*
Intel Celeron @ 1.30GHz	965	2129	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2734	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	2216	NA	NA
Intel Celeron B800 @ 1.50GHz	1279	1945	NA	NA
Intel Celeron B810 @ 1.60GHz	1411	1870	NA	NA
Intel Celeron B815 @ 1.60GHz	1366	1892	NA	NA
Intel Celeron B820 @ 1.70GHz	1428	1861	36.35	\$39.29*
Intel Celeron B830 @ 1.80GHz	1520	1822	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1715	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2650	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2594	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2574	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2557	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2474	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2396	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2321	NA	NA
Intel Celeron E1200 @ 1.60GHz	861	2187	3.83	\$225.00
Intel Celeron E1400 @ 2.00GHz	1048	2074	11.66	\$89.95
Intel Celeron E1500 @ 2.20GHz	1172	2004	59.67	\$19.65*
Intel Celeron E1600 @ 2.40GHz	1260	1957	NA	NA
Intel Celeron E3200 @ 2.40GHz	1394	1878	26.81	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1382	1884	24.10	\$57.38

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron E3400 @ 2.60GHz	1439	1859	23.47	\$61.36
Intel Celeron E3500 @ 2.70GHz	1454	1852	46.91	\$31.00
Intel Celeron G440 @ 1.60GHz	690	2271	13.81	\$49.99
Intel Celeron G460 @ 1.80GHz	1028	2083	15.83	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2066	35.48	\$29.99
Intel Celeron G470 @ 2.00GHz	1298	1929	NA	NA
Intel Celeron G530 @ 2.40GHz	2139	1525	53.51	\$39.99
Intel Celeron G530T @ 2.00GHz	1717	1716	NA	NA
Intel Celeron G540 @ 2.50GHz	2205	1504	49.01	\$45.00
Intel Celeron G540T @ 2.10GHz	2114	1538	NA	NA
Intel Celeron G550 @ 2.60GHz	2285	1469	114.33	\$19.99
Intel Celeron G550T @ 2.20GHz	2063	1558	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1415	71.26	\$34.00
Intel Celeron G1101 @ 2.27GHz	1667	1753	84.34	\$19.77
Intel Celeron G1610 @ 2.60GHz	2491	1393	44.49	\$55.99
Intel Celeron G1610T @ 2.30GHz	2303	1460	57.53	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2582	1357	16.81	\$153.59*
Intel Celeron G1620T @ 2.40GHz	2353	1443	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1392	49.89	\$49.99
Intel Celeron G1820 @ 2.70GHz	2757	1302	42.43	\$65.00
Intel Celeron G1820T @ 2.40GHz	2505	1387	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1528	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1370	36.35	\$69.99
Intel Celeron G1840 @ 2.80GHz	2860	1265	39.19	\$72.99
Intel Celeron G1840T @ 2.50GHz	2605	1347	NA	NA
Intel Celeron G1850 @ 2.90GHz	2907	1249	36.35	\$79.99
Intel Celeron G3900 @ 2.80GHz	3149	1170	59.86	\$52.62
Intel Celeron G3900E @ 2.40GHz	2679	1324	NA	NA
Intel Celeron G3900T @ 2.60GHz	2919	1245	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	1352	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3113	1179	50.44	\$61.72
Intel Celeron G3930 @ 2.90GHz	3041	1202	59.44	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1296	65.87	\$42.00*
Intel Celeron G3950 @ 3.00GHz	3006	1213	42.21	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3269	1126	73.16	\$44.69
Intel Celeron G4900T @ 2.90GHz	2960	1229	NA	NA
Intel Celeron G4920 @ 3.20GHz	3318	1116	39.99	\$82.99
Intel Celeron J1750 @ 2.41GHz	1037	2080	NA	NA
Intel Celeron J1800 @ 2.41GHz	1026	2087	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1783	NA	NA
Intel Celeron J1900 @ 1.99GHz	1851	1657	NA	NA
Intel Celeron J3060 @ 1.60GHz	981	2119	NA	NA
Intel Celeron J3160 @ 1.60GHz	1791	1684	NA	NA
Intel Celeron J3355 @ 2.00GHz	1180	1999	NA	NA
Intel Celeron J3455 @ 1.50GHz	2145	1523	5.65	\$379.99*
Intel Celeron J4005 @ 2.00GHz	1601	1790	6.42	\$249.44*
Intel Celeron J4105 @ 1.50GHz	2641	1335	24.69	\$107.00*
Intel Celeron M 1.00GHz	207	2716	16.60	\$12.49
Intel Celeron M 1.30GHz	316	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 1.50GHz	343	2550	NA	NA
Intel Celeron M 1.60GHz	365	2525	NA	NA
Intel Celeron M 1.70GHz	393	2493	NA	NA
Intel Celeron M 360 1.40GHz	327	2564	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2575	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2552	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2521	NA	NA
Intel Celeron M 440 @ 1.86GHz	397	2485	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2667	NA	NA
Intel Celeron M 450 @ 2.00GHz	455	2419	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2450	NA	NA
Intel Celeron M 530 @ 1.73GHz	458	2415	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2344	NA	NA
Intel Celeron M 600MHz	151	2758	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2418	NA	NA
Intel Celeron M 900MHz	204	2718	NA	NA
Intel Celeron M 1200MHz	275	2645	NA	NA
Intel Celeron M 1300MHz	303	2591	NA	NA
Intel Celeron M 1500MHz	332	2560	NA	NA
Intel Celeron M ULV 800MHz	184	2739	NA	NA
Intel Celeron N2805 @ 1.46GHz	454	2421	NA	NA
Intel Celeron N2806 @ 1.60GHz	790	2226	NA	NA
Intel Celeron N2807 @ 1.58GHz	852	2196	NA	NA
Intel Celeron N2808 @ 1.58GHz	920	2165	NA	NA
Intel Celeron N2810 @ 2.00GHz	777	2228	5.55	\$139.99*
Intel Celeron N2815 @ 1.86GHz	860	2188	NA	NA
Intel Celeron N2820 @ 2.13GHz	938	2150	4.47	\$209.99
Intel Celeron N2830 @ 2.16GHz	950	2140	NA	NA
Intel Celeron N2840 @ 2.16GHz	1004	2101	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	1988	NA	NA
Intel Celeron N2920 @ 1.86GHz	1499	1836	NA	NA
Intel Celeron N2930 @ 1.83GHz	1628	1774	NA	NA
Intel Celeron N2940 @ 1.83GHz	1735	1710	NA	NA
Intel Celeron N3000 @ 1.04GHz	901	2175	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2130	NA	NA
Intel Celeron N3050 @ 1.60GHz	881	2181	7.38	\$119.42*
Intel Celeron N3060 @ 1.60GHz	983	2117	NA	NA
Intel Celeron N3150 @ 1.60GHz	1658	1760	NA	NA
Intel Celeron N3160 @ 1.60GHz	1675	1746	5.84	\$286.99*
Intel Celeron N3350 @ 1.10GHz	1114	2033	NA	NA
Intel Celeron N3450 @ 1.10GHz	1839	1665	11.42	\$161.01
Intel Celeron N4100 @ 1.10GHz	2333	1447	21.81	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1139	2026	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2112	NA	NA
Intel Celeron P4600 @ 2.00GHz	1340	1906	NA	NA
Intel Celeron SU2300 @ 1.20GHz	772	2231	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2141	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2070	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1728	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron U3400 @ 1.07GHz	733	2248	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2275	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2219	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1049	2073	87.57	\$11.99
Intel Core2 Duo E4400 @ 2.00GHz	1157	2013	23.15	\$49.99
Intel Core2 Duo E4500 @ 2.20GHz	1271	1951	31.80	\$39.99
Intel Core2 Duo E4600 @ 2.40GHz	1384	1881	76.98	\$17.99
Intel Core2 Duo E4700 @ 2.60GHz	1483	1843	54.96	\$26.99
Intel Core2 Duo E6300 @ 1.86GHz	1109	2037	85.44	\$12.99
Intel Core2 Duo E6320 @ 1.86GHz	1184	1997	23.69	\$49.99
Intel Core2 Duo E6400 @ 2.13GHz	1290	1937	64.66	\$19.95
Intel Core2 Duo E6420 @ 2.13GHz	1361	1896	27.23	\$49.99
Intel Core2 Duo E6540 @ 2.33GHz	1458	1849	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1499	1835	100.30	\$14.95
Intel Core2 Duo E6600 @ 2.40GHz	1553	1810	103.64	\$14.99
Intel Core2 Duo E6700 @ 2.66GHz	1692	1738	56.44	\$29.99
Intel Core2 Duo E6750 @ 2.66GHz	1714	1719	132.41	\$12.95
Intel Core2 Duo E6850 @ 3.00GHz	1948	1605	38.98	\$49.99
Intel Core2 Duo E7200 @ 2.53GHz	1631	1772	21.75	\$75.00
Intel Core2 Duo E7300 @ 2.66GHz	1727	1712	86.43	\$19.99
Intel Core2 Duo E7400 @ 2.80GHz	1774	1690	61.20	\$28.99
Intel Core2 Duo E7500 @ 2.93GHz	1875	1646	125.10	\$14.99
Intel Core2 Duo E7600 @ 3.06GHz	1972	1594	16.44	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1520	1823	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1746	1702	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1888	1642	37.77	\$49.99
Intel Core2 Duo E8235 @ 2.80GHz	1965	1597	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1442	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1992	1586	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	1659	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1532	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2151	1521	239.04	\$9.00
Intel Core2 Duo E8435 @ 3.06GHz	2127	1533	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2283	1471	57.09	\$39.99
Intel Core2 Duo E8600 @ 3.33GHz	2407	1420	48.16	\$49.99
Intel Core2 Duo E8700 @ 3.50GHz	2212	1499	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2235	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2276	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	827	2208	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2198	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	963	2131	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2123	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2029	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1067	2065	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1318	1917	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1291	1935	64.62	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	1928	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	1867	35.42	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2144	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P7550 @ 2.26GHz	1516	1829	6.59	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1450	1854	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2091	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1456	1851	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1815	31.24	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1776	42.76	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1705	30.56	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1807	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1765	1693	1.77	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1738	1707	17.56	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1881	1645	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2012	1578	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2319	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1268	1954	5.01	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1747	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	933	2154	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	829	2207	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	834	2204	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	816	2214	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	935	2153	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	911	2170	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	909	2172	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	925	2159	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1045	2076	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1028	2084	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	993	2113	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1091	2049	109.30	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1108	2039	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1195	1991	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	2023	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1207	1985	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1225	1976	81.74	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1287	1939	85.87	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1255	1960	32.60	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1362	1895	72.11	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1367	1891	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1018	2092	46.31	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1166	2009	11.67	\$99.95
Intel Core2 Duo T7250 @ 2.00GHz	1111	2034	5.51	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1193	1992	38.51	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1243	1969	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1273	1949	29.63	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1383	1882	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1419	1866	23.68	\$59.95*
Intel Core2 Duo T7800 @ 2.60GHz	1604	1788	2.64	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1297	1930	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1474	1845	6.89	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1669	1751	28.79	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1736	1709	24.82	\$69.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T9500 @ 2.60GHz	1796	1682	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1800	1681	6.02	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1615	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2013	1577	4.75	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2130	1530	5.34	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	871	2184	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	582	2324	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	664	2282	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2268	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2191	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1132	2028	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1740	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3651	1034	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3635	1035	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3464	1081	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1870	1649	7.09	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1680	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1912	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1742	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1906	1624	4.65	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2061	1559	2.42	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4164	924	4.84	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4597	840	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4611	833	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	823	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2954	1230	73.91	\$39.98
Intel Core2 Quad Q6700 @ 2.66GHz	3287	1124	73.08	\$44.99
Intel Core2 Quad Q8200 @ 2.33GHz	2812	1280	122.33	\$22.99
Intel Core2 Quad Q8300 @ 2.50GHz	2986	1221	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	3168	1158	13.20	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2529	1376	6.50	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1135	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3162	1163	63.26	\$49.99
Intel Core2 Quad Q9400 @ 2.66GHz	3346	1110	98.45	\$33.99
Intel Core2 Quad Q9450 @ 2.66GHz	3761	1005	11.23	\$335.00
Intel Core2 Quad Q9500 @ 2.83GHz	3545	1060	101.34	\$34.99
Intel Core2 Quad Q9505 @ 2.83GHz	3569	1052	18.79	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3973	958	81.10	\$48.99
Intel Core2 Quad Q9650 @ 3.00GHz	4169	921	77.23	\$53.99
Intel Core2 Quad Q9705 @ 3.16GHz	3947	963	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	350	2540	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2582	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2459	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	467	2406	NA	NA
Intel Core 330 @ 1.60GHz	643	2292	NA	NA
Intel Core 860 @ 2.80GHz	4555	847	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2256	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2260	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	2252	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo T2050 @ 1.60GHz	694	2269	NA	NA
Intel Core Duo T2250 @ 1.73GHz	758	2239	NA	NA
Intel Core Duo T2300 @ 1.66GHz	729	2251	NA	NA
Intel Core Duo T2350 @ 1.86GHz	760	2236	NA	NA
Intel Core Duo T2400 @ 1.83GHz	793	2223	49.62	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2209	NA	NA
Intel Core Duo T2500 @ 2.00GHz	868	2186	7.24	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	941	2148	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2089	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2343	NA	NA
Intel Core Duo U2500 @ 1.20GHz	512	2365	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1611	NA	NA
Intel Core i3-330M @ 2.13GHz	1791	1686	36.88	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1071	2063	NA	NA
Intel Core i3-350M @ 2.27GHz	1893	1635	43.00	\$44.05
Intel Core i3-370M @ 2.40GHz	2017	1576	50.49	\$39.96*
Intel Core i3-380M @ 2.53GHz	2094	1548	42.74	\$49.00*
Intel Core i3-380UM @ 1.33GHz	1168	2007	NA	NA
Intel Core i3-390M @ 2.67GHz	2180	1512	55.99	\$38.95*
Intel Core i3-530 @ 2.93GHz	2568	1363	128.44	\$20.00
Intel Core i3-540 @ 3.07GHz	2688	1323	107.63	\$24.98
Intel Core i3-550 @ 3.20GHz	2828	1272	15.72	\$179.95
Intel Core i3-560 @ 3.33GHz	2943	1233	98.18	\$29.98
Intel Core i3-2100 @ 3.10GHz	3687	1029	61.47	\$59.99
Intel Core i3-2100T @ 2.50GHz	2941	1235	49.04	\$59.99
Intel Core i3-2102 @ 3.10GHz	3736	1015	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3704	1021	46.32	\$79.99
Intel Core i3-2120 @ 3.30GHz	3924	972	130.80	\$30.00
Intel Core i3-2120T @ 2.60GHz	3160	1166	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	946	20.23	\$199.00
Intel Core i3-2130 @ 3.40GHz	4060	938	58.02	\$69.99
Intel Core i3-2140 @ 3.50GHz	4325	895	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1268	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2428	1411	62.57	\$38.81
Intel Core i3-2312M @ 2.10GHz	2381	1430	NA	NA
Intel Core i3-2328M @ 2.20GHz	2532	1375	27.24	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1191	NA	NA
Intel Core i3-2330M @ 2.20GHz	2521	1379	14.82	\$170.20
Intel Core i3-2332M @ 2.20GHz	2382	1429	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1714	NA	NA
Intel Core i3-2348M @ 2.30GHz	2619	1343	NA	NA
Intel Core i3-2350M @ 2.30GHz	2619	1344	62.41	\$41.97*
Intel Core i3-2357M @ 1.30GHz	1556	1809	NA	NA
Intel Core i3-2365M @ 1.40GHz	1681	1744	NA	NA
Intel Core i3-2367M @ 1.40GHz	1704	1727	NA	NA
Intel Core i3-2370M @ 2.40GHz	2776	1293	69.74	\$39.81
Intel Core i3-2375M @ 1.50GHz	1782	1687	NA	NA
Intel Core i3-2377M @ 1.50GHz	1820	1674	NA	NA
Intel Core i3-3110M @ 2.40GHz	3077	1190	38.50	\$79.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3120M @ 2.50GHz	3217	1146	23.15	\$139.00
Intel Core i3-3130M @ 2.60GHz	3405	1090	NA	NA
Intel Core i3-3210 @ 3.20GHz	4032	945	40.33	\$99.99
Intel Core i3-3217U @ 1.80GHz	2302	1463	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1517	NA	NA
Intel Core i3-3220 @ 3.30GHz	4237	911	121.41	\$34.90
Intel Core i3-3220T @ 2.80GHz	3698	1025	36.99	\$99.99
Intel Core i3-3225 @ 3.30GHz	4336	892	43.37	\$99.99
Intel Core i3-3227U @ 1.90GHz	2466	1401	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1694	1736	NA	NA
Intel Core i3-3240 @ 3.40GHz	4309	898	100.24	\$42.99
Intel Core i3-3240T @ 2.90GHz	3686	1030	NA	NA
Intel Core i3-3245 @ 3.40GHz	4429	868	55.37	\$79.99
Intel Core i3-3250 @ 3.50GHz	4446	865	46.81	\$94.99
Intel Core i3-3250T @ 3.00GHz	3021	1206	NA	NA
Intel Core i3-4000M @ 2.40GHz	3241	1137	16.21	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2447	1407	NA	NA
Intel Core i3-4010U @ 1.70GHz	2435	1410	19.59	\$124.31
Intel Core i3-4010Y @ 1.30GHz	1900	1630	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2158	1518	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2212	1500	NA	NA
Intel Core i3-4025U @ 1.90GHz	2779	1292	NA	NA
Intel Core i3-4030U @ 1.90GHz	2706	1317	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1386	NA	NA
Intel Core i3-4100M @ 2.50GHz	3489	1073	15.97	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	977	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1255	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1198	NA	NA
Intel Core i3-4130 @ 3.40GHz	4795	803	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	929	46.49	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4892	784	30.39	\$160.98
Intel Core i3-4150T @ 3.00GHz	4267	904	18.56	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1247	NA	NA
Intel Core i3-4160 @ 3.60GHz	5055	751	36.11	\$139.99
Intel Core i3-4160T @ 3.10GHz	4415	874	29.64	\$148.99
Intel Core i3-4170 @ 3.70GHz	5192	726	34.62	\$149.99
Intel Core i3-4170T @ 3.20GHz	4541	853	21.63	\$209.95
Intel Core i3-4330 @ 3.50GHz	5095	740	28.31	\$179.99
Intel Core i3-4330T @ 3.00GHz	4486	861	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1150	NA	NA
Intel Core i3-4340 @ 3.60GHz	5240	722	31.01	\$168.99
Intel Core i3-4350 @ 3.60GHz	4963	772	29.37	\$168.99
Intel Core i3-4350T @ 3.10GHz	4302	899	NA	NA
Intel Core i3-4360 @ 3.70GHz	5460	685	19.51	\$279.95
Intel Core i3-4360T @ 3.20GHz	4636	825	NA	NA
Intel Core i3-4370 @ 3.80GHz	5600	667	12.45	\$449.97
Intel Core i3-4370T @ 3.30GHz	4855	793	35.18	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	778	NA	NA
Intel Core i3-5005U @ 2.00GHz	2903	1253	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-5010U @ 2.10GHz	3048	1201	10.03	\$303.93*
Intel Core i3-5015U @ 2.10GHz	3038	1203	NA	NA
Intel Core i3-5020U @ 2.20GHz	3185	1154	6.94	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3661	1033	NA	NA
Intel Core i3-6006U @ 2.00GHz	3090	1184	NA	NA
Intel Core i3-6098P @ 3.60GHz	5415	696	40.49	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5490	680	31.20	\$175.99
Intel Core i3-6100E @ 2.70GHz	3769	1003	NA	NA
Intel Core i3-6100H @ 2.70GHz	4246	910	NA	NA
Intel Core i3-6100T @ 3.20GHz	4855	792	25.56	\$189.99
Intel Core i3-6100TE @ 2.70GHz	4337	891	NA	NA
Intel Core i3-6100U @ 2.30GHz	3601	1041	6.99	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	985	NA	NA
Intel Core i3-6300 @ 3.80GHz	5851	637	40.92	\$142.99
Intel Core i3-6300T @ 3.30GHz	5249	720	29.16	\$179.99
Intel Core i3-6320 @ 3.90GHz	6047	616	37.80	\$159.99
Intel Core i3-7020U @ 2.30GHz	3543	1062	12.61	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5782	643	40.38	\$143.20
Intel Core i3-7100H @ 3.00GHz	4768	806	21.19	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5044	755	56.68	\$89.00*
Intel Core i3-7100U @ 2.40GHz	3793	997	11.23	\$337.98*
Intel Core i3-7101TE @ 3.40GHz	5016	759	42.88	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4039	942	14.38	\$281.00*
Intel Core i3-7300 @ 4.00GHz	6436	579	17.78	\$362.00*
Intel Core i3-7300T @ 3.50GHz	5369	701	27.48	\$195.41*
Intel Core i3-7320 @ 4.10GHz	6541	568	34.06	\$192.05
Intel Core i3-7350K @ 4.20GHz	6623	563	33.13	\$199.94
Intel Core i3-8100 @ 3.60GHz	8079	424	70.26	\$114.99
Intel Core i3-8100T @ 3.10GHz	7446	483	37.99	\$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	6178	602	NA	NA
Intel Core i3-8130U @ 2.20GHz	5014	761	17.84	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5721	652	20.36	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8675	386	46.57	\$186.27*
Intel Core i3-8300T @ 3.20GHz	7650	468	33.71	\$226.99*
Intel Core i3-8350K @ 4.00GHz	9243	334	49.17	\$187.99
Intel Core i5 750S @ 2.40GHz	2197	1508	21.97	\$99.99
Intel Core i5 E 520 @ 2.40GHz	2486	1395	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3617	1038	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3737	1014	NA	NA
Intel Core i5-430M @ 2.27GHz	2100	1545	15.01	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1339	1907	NA	NA
Intel Core i5-450M @ 2.40GHz	2116	1537	66.24	\$31.95*
Intel Core i5-460M @ 2.53GHz	2325	1450	31.03	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	2061	NA	NA
Intel Core i5-480M @ 2.67GHz	2405	1422	29.85	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1489	NA	NA
Intel Core i5-520M @ 2.40GHz	2370	1436	33.87	\$69.99*
Intel Core i5-520UM @ 1.07GHz	1356	1900	NA	NA
Intel Core i5-540M @ 2.53GHz	2448	1406	12.89	\$189.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-540UM @ 1.20GHz	1374	1889	NA	NA
Intel Core i5-560M @ 2.67GHz	2587	1353	28.76	\$89.97
Intel Core i5-560UM @ 1.33GHz	1664	1755	NA	NA
Intel Core i5-580M @ 2.67GHz	2626	1340	23.89	\$109.95*
Intel Core i5-650 @ 3.20GHz	3102	1182	31.03	\$99.99
Intel Core i5-655K @ 3.20GHz	3399	1096	56.67	\$59.99
Intel Core i5-660 @ 3.33GHz	3247	1133	66.27	\$49.00
Intel Core i5-661 @ 3.33GHz	3180	1155	31.81	\$99.99
Intel Core i5-670 @ 3.47GHz	3310	1120	36.79	\$89.99
Intel Core i5-680 @ 3.60GHz	3513	1067	12.92	\$272.01
Intel Core i5-750 @ 2.67GHz	3693	1026	17.65	\$209.29
Intel Core i5-760 @ 2.80GHz	3889	973	43.23	\$89.99
Intel Core i5-2300 @ 2.80GHz	5344	706	66.81	\$79.99
Intel Core i5-2310 @ 2.90GHz	5534	677	69.20	\$79.98
Intel Core i5-2320 @ 3.00GHz	5758	647	35.99	\$160.00
Intel Core i5-2380P @ 3.10GHz	5695	656	63.29	\$89.99
Intel Core i5-2390T @ 2.70GHz	4262	905	42.66	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5956	624	79.43	\$74.99
Intel Core i5-2400S @ 2.50GHz	4961	774	75.52	\$65.70
Intel Core i5-2405S @ 2.50GHz	5065	748	30.81	\$164.40*
Intel Core i5-2410M @ 2.30GHz	3166	1161	40.56	\$78.07*
Intel Core i5-2415M @ 2.30GHz	3299	1122	NA	NA
Intel Core i5-2430M @ 2.40GHz	3282	1125	39.02	\$84.11
Intel Core i5-2435M @ 2.40GHz	3239	1139	NA	NA
Intel Core i5-2450M @ 2.50GHz	3396	1098	38.59	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6144	606	68.28	\$89.99
Intel Core i5-2467M @ 1.60GHz	2336	1446	NA	NA
Intel Core i5-2500 @ 3.30GHz	6328	592	71.11	\$88.99
Intel Core i5-2500K @ 3.30GHz	6476	576	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	712	70.91	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4608	835	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	1031	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1118	NA	NA
Intel Core i5-2520M @ 2.50GHz	3587	1047	21.16	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2095	1547	NA	NA
Intel Core i5-2540M @ 2.60GHz	3780	1001	60.06	\$62.95
Intel Core i5-2550K @ 3.40GHz	6666	558	51.69	\$128.99
Intel Core i5-2557M @ 1.70GHz	2671	1327	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1009	NA	NA
Intel Core i5-3210M @ 2.50GHz	3823	988	31.68	\$120.68*
Intel Core i5-3230M @ 2.60GHz	3938	968	15.78	\$249.65*
Intel Core i5-3317U @ 1.70GHz	3088	1185	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4114	934	33.52	\$122.74*
Intel Core i5-3330 @ 3.00GHz	5935	628	19.15	\$309.99
Intel Core i5-3330S @ 2.70GHz	5670	660	59.69	\$94.99
Intel Core i5-3335S @ 2.70GHz	5788	642	NA	NA
Intel Core i5-3337U @ 1.80GHz	3222	1141	14.32	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2237	1493	NA	NA
Intel Core i5-3340 @ 3.10GHz	6086	611	23.23	\$262.01

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3340M @ 2.70GHz	4252	908	53.18	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	638	39.24	\$148.99
Intel Core i5-3350P @ 3.10GHz	6145	605	40.97	\$149.99
Intel Core i5-3360M @ 2.80GHz	4422	871	47.65	\$92.81
Intel Core i5-3380M @ 2.90GHz	4428	869	NA	NA
Intel Core i5-3427U @ 1.80GHz	3548	1058	8.45	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3632	1037	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1239	NA	NA
Intel Core i5-3450 @ 3.10GHz	6522	570	51.36	\$126.99
Intel Core i5-3450S @ 2.80GHz	6210	597	62.11	\$99.99
Intel Core i5-3470 @ 3.20GHz	6697	555	54.02	\$123.99
Intel Core i5-3470S @ 2.90GHz	6358	591	44.78	\$142.00
Intel Core i5-3470T @ 2.90GHz	4481	862	19.83	\$226.00*
Intel Core i5-3475S @ 2.90GHz	6612	565	46.08	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6941	533	21.04	\$329.95*
Intel Core i5-3550S @ 3.00GHz	6896	538	20.22	\$341.01*
Intel Core i5-3570 @ 3.40GHz	7107	516	50.77	\$139.99
Intel Core i5-3570K @ 3.40GHz	7170	512	50.15	\$142.99
Intel Core i5-3570S @ 3.10GHz	6745	552	23.67	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5901	631	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3786	1000	NA	NA
Intel Core i5-4200H @ 2.80GHz	4430	867	NA	NA
Intel Core i5-4200M @ 2.50GHz	4038	943	22.44	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3289	1123	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1421	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2256	1484	NA	NA
Intel Core i5-4210H @ 2.90GHz	4535	856	NA	NA
Intel Core i5-4210M @ 2.60GHz	4192	915	13.53	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3402	1093	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	1431	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1483	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1254	NA	NA
Intel Core i5-4250U @ 1.30GHz	3455	1082	9.62	\$358.99*
Intel Core i5-4258U @ 2.40GHz	4078	936	NA	NA
Intel Core i5-4260U @ 1.40GHz	3557	1055	NA	NA
Intel Core i5-4278U @ 2.60GHz	4362	885	NA	NA
Intel Core i5-4288U @ 2.60GHz	4358	887	NA	NA
Intel Core i5-4300M @ 2.60GHz	4405	875	NA	NA
Intel Core i5-4300U @ 1.90GHz	3741	1013	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2484	1396	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2967	1226	NA	NA
Intel Core i5-4308U @ 2.80GHz	4190	917	NA	NA
Intel Core i5-4310M @ 2.70GHz	4629	828	NA	NA
Intel Core i5-4310U @ 2.00GHz	3745	1012	NA	NA
Intel Core i5-4330M @ 2.80GHz	4461	864	16.23	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4810	800	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1040	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	850	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	964	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4422E @ 1.80GHz	2806	1282	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6318	593	35.10	\$179.99
Intel Core i5-4430S @ 2.70GHz	5906	630	37.15	\$158.99
Intel Core i5-4440 @ 3.10GHz	6497	572	38.22	\$169.99
Intel Core i5-4440S @ 2.80GHz	6212	596	13.42	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6708	554	39.47	\$169.99
Intel Core i5-4460S @ 2.90GHz	6402	588	9.70	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4942	777	NA	NA
Intel Core i5-4570 @ 3.20GHz	7122	515	54.79	\$129.99
Intel Core i5-4570R @ 2.70GHz	6760	549	NA	NA
Intel Core i5-4570S @ 2.90GHz	6786	544	31.89	\$212.80
Intel Core i5-4570T @ 2.90GHz	4827	796	32.40	\$148.99
Intel Core i5-4570TE @ 2.70GHz	3827	987	19.24	\$198.99
Intel Core i5-4590 @ 3.30GHz	7302	501	38.44	\$189.98
Intel Core i5-4590S @ 3.00GHz	7019	526	35.82	\$195.99
Intel Core i5-4590T @ 2.00GHz	5601	666	NA	NA
Intel Core i5-4670 @ 3.40GHz	7442	484	43.52	\$171.00
Intel Core i5-4670K @ 3.40GHz	7632	469	31.80	\$240.00
Intel Core i5-4670K CPT @ 3.40GHz	7411	491	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	489	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	6436	580	NA	NA
Intel Core i5-4670T @ 2.30GHz	6206	598	29.14	\$213.00*
Intel Core i5-4690 @ 3.50GHz	7660	467	42.56	\$179.99
Intel Core i5-4690K @ 3.50GHz	7796	451	38.99	\$199.99
Intel Core i5-4690S @ 3.20GHz	7421	487	27.49	\$269.94*
Intel Core i5-4690T @ 2.50GHz	6478	575	NA	NA
Intel Core i5-5200U @ 2.20GHz	3486	1075	NA	NA
Intel Core i5-5250U @ 1.60GHz	3585	1048	8.11	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4401	876	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	818	NA	NA
Intel Core i5-5300U @ 2.30GHz	3803	994	7.38	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3517	1066	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	485	NA	NA
Intel Core i5-5675C @ 3.10GHz	8199	414	20.50	\$399.99
Intel Core i5-5675R @ 3.10GHz	8054	427	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4164	923	NA	NA
Intel Core i5-6200U @ 2.30GHz	4017	947	NA	NA
Intel Core i5-6260U @ 1.80GHz	4362	886	8.41	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4989	768	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	809	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6079	614	NA	NA
Intel Core i5-6300U @ 2.40GHz	4370	883	NA	NA
Intel Core i5-6360U @ 2.00GHz	4880	785	NA	NA
Intel Core i5-6400 @ 2.70GHz	6765	548	33.83	\$199.99
Intel Core i5-6400T @ 2.20GHz	5598	668	28.42	\$197.00
Intel Core i5-6402P @ 2.80GHz	7096	518	37.35	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	644	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6784	546	NA	NA
Intel Core i5-6500 @ 3.20GHz	7240	504	30.89	\$234.38

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6500T @ 2.50GHz	6270	594	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6478	574	26.54	\$244.07
Intel Core i5-6600 @ 3.30GHz	7760	455	35.28	\$219.99
Intel Core i5-6600K @ 3.50GHz	8055	425	27.97	\$287.99
Intel Core i5-6600T @ 2.70GHz	7310	500	41.78	\$174.99
Intel Core i5-7200U @ 2.50GHz	4619	831	NA	NA
Intel Core i5-7260U @ 2.20GHz	5674	659	NA	NA
Intel Core i5-7267U @ 3.10GHz	5098	739	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	662	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6803	543	NA	NA
Intel Core i5-7300U @ 2.60GHz	5182	728	11.27	\$459.99
Intel Core i5-7360U @ 2.30GHz	5957	623	NA	NA
Intel Core i5-7400 @ 3.00GHz	7350	494	37.05	\$198.40
Intel Core i5-7400T @ 2.40GHz	6427	583	35.91	\$179.00
Intel Core i5-7440HQ @ 2.80GHz	7701	462	NA	NA
Intel Core i5-7500 @ 3.40GHz	8021	429	35.88	\$223.56
Intel Core i5-7500T @ 2.70GHz	7037	525	31.60	\$222.71
Intel Core i5-7600 @ 3.50GHz	8772	377	38.58	\$227.41
Intel Core i5-7600K @ 3.80GHz	9129	340	36.37	\$250.99
Intel Core i5-7600T @ 2.80GHz	8097	423	31.00	\$261.25
Intel Core i5-7640X @ 4.00GHz	9605	302	39.25	\$244.76
Intel Core i5-8250U @ 1.60GHz	7665	466	NA	NA
Intel Core i5-8259U @ 2.30GHz	10878	219	NA	NA
Intel Core i5-8265U @ 1.60GHz	7941	440	26.74	\$297.00*
Intel Core i5-8300H @ 2.30GHz	9405	321	37.62	\$250.00*
Intel Core i5-8305G @ 2.80GHz	9092	345	NA	NA
Intel Core i5-8350U @ 1.70GHz	8210	411	27.65	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11671	199	43.14	\$270.55
Intel Core i5-8400H @ 2.50GHz	10375	242	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	9577	304	43.73	\$219.00
Intel Core i5-8500 @ 3.00GHz	11944	195	52.16	\$229.00
Intel Core i5-8500T @ 2.10GHz	10026	270	45.92	\$218.34*
Intel Core i5-8600 @ 3.10GHz	12616	176	51.61	\$244.47*
Intel Core i5-8600K @ 3.60GHz	12792	171	53.30	\$239.99
Intel Core i5-8600T @ 2.30GHz	10913	218	29.18	\$373.99*
Intel Core i5-9600K @ 3.70GHz	13508	157	50.03	\$269.99
Intel Core i5-24050S @ 2.50GHz	4928	780	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3757	1007	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1596	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1369	NA	NA
Intel Core i7-620LM @ 2.00GHz	1954	1603	NA	NA
Intel Core i7-620M @ 2.67GHz	2723	1313	24.76	\$110.01
Intel Core i7-620UM @ 1.07GHz	1323	1915	NA	NA
Intel Core i7-640LM @ 2.13GHz	2262	1482	NA	NA
Intel Core i7-640M @ 2.80GHz	2833	1270	14.17	\$199.95
Intel Core i7-640UM @ 1.20GHz	1658	1759	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1703	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1723	NA	NA
Intel Core i7-720QM @ 1.60GHz	3014	1209	27.41	\$109.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-740QM @ 1.73GHz	3199	1151	29.10	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3227	1140	23.22	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3402	1092	11.73	\$289.97*
Intel Core i7-860 @ 2.80GHz	5009	764	17.28	\$289.95
Intel Core i7-860S @ 2.53GHz	4711	812	23.67	\$198.99
Intel Core i7-870 @ 2.93GHz	5341	708	53.96	\$98.99
Intel Core i7-870S @ 2.67GHz	4969	770	NA	NA
Intel Core i7-875K @ 2.93GHz	5429	692	27.15	\$199.99
Intel Core i7-880 @ 3.07GHz	5595	670	9.60	\$583.00*
Intel Core i7-920 @ 2.67GHz	4926	781	28.31	\$174.00
Intel Core i7-920XM @ 2.00GHz	3755	1008	9.39	\$399.95*
Intel Core i7-930 @ 2.80GHz	5143	732	85.74	\$59.99*
Intel Core i7-940 @ 2.93GHz	5360	703	75.82	\$70.70
Intel Core i7-940XM @ 2.13GHz	3945	966	NA	NA
Intel Core i7-950 @ 3.07GHz	5556	674	16.84	\$329.99
Intel Core i7-960 @ 3.20GHz	5819	641	58.20	\$99.99
Intel Core i7-965 @ 3.20GHz	5856	634	41.83	\$139.99
Intel Core i7-970 @ 3.20GHz	8378	400	55.87	\$149.98
Intel Core i7-975 @ 3.33GHz	6133	607	34.08	\$179.99
Intel Core i7-980 @ 3.33GHz	8668	387	43.35	\$199.98
Intel Core i7-980X @ 3.33GHz	8788	374	39.95	\$219.98
Intel Core i7-985 @ 3.47GHz	6641	560	NA	NA
Intel Core i7-990X @ 3.47GHz	9086	346	25.96	\$349.99
Intel Core i7-995X @ 3.60GHz	9791	286	NA	NA
Intel Core i7-2600 @ 3.40GHz	8194	415	55.00	\$148.99
Intel Core i7-2600K @ 3.40GHz	8446	396	44.46	\$189.99
Intel Core i7-2600S @ 2.80GHz	7073	521	35.54	\$198.99
Intel Core i7-2610UE @ 1.50GHz	2481	1398	NA	NA
Intel Core i7-2617M @ 1.50GHz	2818	1276	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	3837	983	22.60	\$169.81
Intel Core i7-2630QM @ 2.00GHz	5532	678	51.11	\$108.24*
Intel Core i7-2630UM @ 1.60GHz	2584	1355	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5456	686	NA	NA
Intel Core i7-2637M @ 1.70GHz	2909	1248	NA	NA
Intel Core i7-2640M @ 2.80GHz	3936	969	21.17	\$185.97*
Intel Core i7-2655LE @ 2.20GHz	3161	1164	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5887	632	22.73	\$259.00*
Intel Core i7-2675QM @ 2.20GHz	5543	676	NA	NA
Intel Core i7-2677M @ 1.80GHz	2828	1271	NA	NA
Intel Core i7-2700K @ 3.50GHz	8715	379	43.58	\$199.99
Intel Core i7-2710QE @ 2.10GHz	5768	646	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	702	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6116	610	32.20	\$189.95
Intel Core i7-2760QM @ 2.40GHz	6577	567	41.16	\$159.81*
Intel Core i7-2820QM @ 2.30GHz	6634	561	18.64	\$355.95
Intel Core i7-2840QM @ 2.40GHz	6766	547	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6989	530	11.65	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7038	524	11.56	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7216	506	17.60	\$409.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3517U @ 1.90GHz	3589	1046	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3323	1114	NA	NA
Intel Core i7-3520M @ 2.90GHz	4542	852	19.33	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3843	981	NA	NA
Intel Core i7-3540M @ 3.00GHz	4661	822	10.84	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	4130	931	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	578	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7469	482	18.67	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6622	564	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6828	542	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	495	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7379	493	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7585	473	31.74	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6942	532	20.72	\$335.00*
Intel Core i7-3635QM @ 2.40GHz	6684	556	NA	NA
Intel Core i7-3667U @ 2.00GHz	3987	955	NA	NA
Intel Core i7-3687U @ 2.10GHz	4179	919	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1143	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8123	421	22.63	\$359.00
Intel Core i7-3740QM @ 2.70GHz	8325	405	34.70	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9291	330	58.07	\$159.99
Intel Core i7-3770K @ 3.50GHz	9520	307	38.24	\$248.98
Intel Core i7-3770S @ 3.10GHz	8878	366	80.73	\$109.99
Intel Core i7-3770T @ 2.50GHz	8203	413	24.86	\$329.99*
Intel Core i7-3820 @ 3.60GHz	9000	356	45.00	\$199.99
Intel Core i7-3820QM @ 2.70GHz	8441	397	17.33	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8778	376	26.20	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	9149	338	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11989	191	20.27	\$591.49
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	329	17.27	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12611	177	12.61	\$999.99
Intel Core i7-3970X @ 3.50GHz	12671	174	13.92	\$909.99*
Intel Core i7-4500U @ 1.80GHz	3790	998	NA	NA
Intel Core i7-4510U @ 2.00GHz	3931	971	NA	NA
Intel Core i7-4550U @ 1.50GHz	3713	1019	NA	NA
Intel Core i7-4558U @ 2.80GHz	4373	882	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	893	NA	NA
Intel Core i7-4578U @ 3.00GHz	4758	808	NA	NA
Intel Core i7-4600M @ 2.90GHz	4874	786	NA	NA
Intel Core i7-4600U @ 2.10GHz	4106	935	NA	NA
Intel Core i7-4610M @ 3.00GHz	4981	769	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1011	NA	NA
Intel Core i7-4650U @ 1.70GHz	3966	960	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	511	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7728	460	20.18	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7692	463	40.70	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7486	480	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7134	513	21.22	\$336.25*
Intel Core i7-4710HQ @ 2.50GHz	7733	458	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4710MQ @ 2.50GHz	7998	435	29.45	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7506	478	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7198	508	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8000	433	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	428	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8251	408	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	392	NA	NA
Intel Core i7-4765T @ 2.00GHz	7312	499	18.28	\$399.99
Intel Core i7-4770 @ 3.40GHz	9786	288	40.78	\$239.99
Intel Core i7-4770HQ @ 2.20GHz	8948	361	NA	NA
Intel Core i7-4770K @ 3.50GHz	10093	261	35.42	\$284.99
Intel Core i7-4770R @ 3.20GHz	9819	285	NA	NA
Intel Core i7-4770S @ 3.10GHz	9333	326	37.34	\$249.99
Intel Core i7-4770T @ 2.50GHz	8634	389	21.59	\$399.99
Intel Core i7-4770TE @ 2.30GHz	6732	553	NA	NA
Intel Core i7-4771 @ 3.50GHz	9872	282	32.91	\$299.99
Intel Core i7-4785T @ 2.20GHz	7611	472	NA	NA
Intel Core i7-4790 @ 3.60GHz	9989	274	35.81	\$278.99
Intel Core i7-4790K @ 4.00GHz	11182	205	36.43	\$306.99
Intel Core i7-4790S @ 3.20GHz	9573	305	24.00	\$398.99
Intel Core i7-4790T @ 2.70GHz	9094	344	25.33	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8491	394	16.65	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8645	388	20.35	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9722	294	16.34	\$594.96
Intel Core i7-4850HQ @ 2.30GHz	9016	354	20.78	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7875	443	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9256	333	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9360	324	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9025	353	15.38	\$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	9400	323	20.44	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13017	165	32.63	\$398.98
Intel Core i7-4930MX @ 3.00GHz	9485	309	8.65	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9895	279	16.22	\$609.95
Intel Core i7-4960HQ @ 2.60GHz	9777	290	15.69	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13793	146	17.91	\$769.99
Intel Core i7-4980HQ @ 2.80GHz	10250	250	NA	NA
Intel Core i7-5500U @ 2.40GHz	3971	959	NA	NA
Intel Core i7-5550U @ 2.00GHz	4271	903	NA	NA
Intel Core i7-5557U @ 3.10GHz	4943	776	7.01	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4309	897	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	912	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	416	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	410	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8368	401	NA	NA
Intel Core i7-5775C @ 3.30GHz	10997	216	24.44	\$449.99
Intel Core i7-5775R @ 3.30GHz	10863	220	NA	NA
Intel Core i7-5820K @ 3.30GHz	12990	166	32.08	\$404.99
Intel Core i7-5850HQ @ 2.70GHz	9459	315	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13632	151	27.32	\$498.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5950HQ @ 2.90GHz	10932	217	NA	NA
Intel Core i7-5960X @ 3.00GHz	15947	94	20.71	\$769.99
Intel Core i7-6498DU @ 2.50GHz	4538	855	NA	NA
Intel Core i7-6500U @ 2.50GHz	4427	870	NA	NA
Intel Core i7-6560U @ 2.20GHz	4820	797	NA	NA
Intel Core i7-6567U @ 3.30GHz	5648	663	NA	NA
Intel Core i7-6600U @ 2.60GHz	4803	801	NA	NA
Intel Core i7-6650U @ 2.20GHz	4953	775	NA	NA
Intel Core i7-6700 @ 3.40GHz	10006	273	27.04	\$370.00
Intel Core i7-6700HQ @ 2.60GHz	8134	419	21.52	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11111	208	33.83	\$328.50
Intel Core i7-6700T @ 2.80GHz	9035	350	25.24	\$358.00
Intel Core i7-6700TE @ 2.40GHz	8696	382	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9719	295	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13593	155	32.37	\$419.99
Intel Core i7-6820EQ @ 2.80GHz	8968	358	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9121	341	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8781	375	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	584	NA	NA
Intel Core i7-6850K @ 3.60GHz	14369	131	26.13	\$549.99
Intel Core i7-6900K @ 3.20GHz	17700	62	14.76	\$1,198.99
Intel Core i7-6920HQ @ 2.90GHz	9622	301	16.94	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19970	40	12.67	\$1,575.99
Intel Core i7-7500U @ 2.70GHz	5171	730	NA	NA
Intel Core i7-7560U @ 2.40GHz	5855	635	NA	NA
Intel Core i7-7567U @ 3.50GHz	6502	571	NA	NA
Intel Core i7-7600U @ 2.80GHz	5260	719	NA	NA
Intel Core i7-7660U @ 2.50GHz	6033	619	NA	NA
Intel Core i7-7700 @ 3.60GHz	10754	224	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	8837	372	NA	NA
Intel Core i7-7700K @ 4.20GHz	12039	190	34.40	\$349.99
Intel Core i7-7700T @ 2.90GHz	9176	336	23.23	\$395.08*
Intel Core i7-7740X @ 4.30GHz	12248	184	34.31	\$356.99
Intel Core i7-7800X @ 3.50GHz	14530	125	38.34	\$378.99
Intel Core i7-7820HK @ 2.90GHz	10048	268	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9352	325	24.74	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18551	53	21.57	\$859.99
Intel Core i7-7900X @ 3.30GHz	20046	39	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	10067	265	NA	NA
Intel Core i7-8086K @ 4.00GHz	16837	74	30.45	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3590	1045	9.14	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8335	404	NA	NA
Intel Core i7-8559U @ 2.70GHz	11849	196	NA	NA
Intel Core i7-8565U @ 1.80GHz	8891	365	NA	NA
Intel Core i7-8650U @ 1.90GHz	8859	368	NA	NA
Intel Core i7-8700 @ 3.20GHz	15157	111	37.58	\$403.37
Intel Core i7-8700K @ 3.70GHz	15961	93	39.07	\$408.49
Intel Core i7-8700T @ 2.40GHz	12517	178	29.18	\$429.00
Intel Core i7-8705G @ 3.10GHz	10126	259	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8706G @ 3.10GHz	10591	232	NA	NA
Intel Core i7-8709G @ 3.10GHz	9536	306	NA	NA
Intel Core i7-8750H @ 2.20GHz	12490	179	31.62	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11072	212	NA	NA
Intel Core i7-8850H @ 2.60GHz	13238	162	33.52	\$395.00*
Intel Core i7-9700K @ 3.60GHz	17239	67	42.05	\$409.99
Intel Core i9-7900X @ 3.30GHz	21996	21	19.95	\$1,102.51
Intel Core i9-7920X @ 2.90GHz	23220	16	22.76	\$1,019.99
Intel Core i9-7940X @ 3.10GHz	25456	8	22.53	\$1,129.99
Intel Core i9-7960X @ 2.80GHz	25705	7	13.54	\$1,899.00
Intel Core i9-7980XE @ 2.60GHz	27817	3	13.94	\$1,995.14
Intel Core i9-8950HK @ 2.90GHz	14510	126	24.89	\$583.00*
Intel Core i9-9900K @ 3.60GHz	20342	35	35.07	\$579.99
Intel Core m3-6Y30 @ 0.90GHz	3051	1197	NA	NA
Intel Core m3-7Y30 @ 1.00GHz	3544	1061	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	2555	1368	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3364	1106	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3241	1136	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3498	1071	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2722	1314	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1428	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2817	1277	10.03	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2648	1334	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2477	1399	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1208	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2991	1219	10.65	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2492	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2486	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2404	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	2649	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2641	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2562	NA	NA
Intel E3000 @ 3.40GHz	2767	1295	NA	NA
Intel Pentium 4 1.40GHz	164	2749	NA	NA
Intel Pentium 4 1.50GHz	131	2766	NA	NA
Intel Pentium 4 1.60GHz	129	2768	NA	NA
Intel Pentium 4 1.70GHz	132	2765	NA	NA
Intel Pentium 4 1.80GHz	160	2752	NA	NA
Intel Pentium 4 1.90GHz	159	2753	NA	NA
Intel Pentium 4 2.00GHz	189	2731	NA	NA
Intel Pentium 4 2.20GHz	210	2712	NA	NA
Intel Pentium 4 2.26GHz	221	2701	NA	NA
Intel Pentium 4 2.40GHz	228	2694	NA	NA
Intel Pentium 4 2.50GHz	245	2678	NA	NA
Intel Pentium 4 2.53GHz	248	2674	NA	NA
Intel Pentium 4 2.60GHz	288	2620	NA	NA
Intel Pentium 4 2.66GHz	254	2666	NA	NA
Intel Pentium 4 2.80GHz	321	2568	NA	NA
Intel Pentium 4 2.93GHz	299	2602	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 3.00GHz	353	2538	NA	NA
Intel Pentium 4 3.06GHz	347	2543	NA	NA
Intel Pentium 4 3.20GHz	374	2508	NA	NA
Intel Pentium 4 3.40GHz	396	2488	NA	NA
Intel Pentium 4 3.46GHz	487	2384	NA	NA
Intel Pentium 4 3.60GHz	488	2383	NA	NA
Intel Pentium 4 3.73GHz	486	2387	NA	NA
Intel Pentium 4 3.80GHz	485	2390	NA	NA
Intel Pentium 4 3.83GHz	195	2726	NA	NA
Intel Pentium 4 4.00GHz	184	2737	NA	NA
Intel Pentium 4 1300MHz	119	2772	NA	NA
Intel Pentium 4 1400MHz	127	2769	NA	NA
Intel Pentium 4 1500MHz	125	2770	NA	NA
Intel Pentium 4 1600MHz	193	2730	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2756	NA	NA
Intel Pentium 4 1800MHz	162	2751	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2759	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2725	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2742	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2714	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2745	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2713	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2721	NA	NA
Intel Pentium 5 2.66GHz	705	2265	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2046	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1157	2014	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2018	NA	NA
Intel Pentium 987 @ 1.50GHz	1226	1975	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	1877	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	1305	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1207	NA	NA
Intel Pentium 2020M @ 2.40GHz	2281	1474	17.02	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2417	1416	18.04	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1660	1758	12.39	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1819	1676	13.58	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2071	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2304	1457	NA	NA
Intel Pentium 3556U @ 1.70GHz	1702	1731	NA	NA
Intel Pentium 3558U @ 1.70GHz	1686	1741	NA	NA
Intel Pentium 3560M @ 2.40GHz	2240	1491	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1956	NA	NA
Intel Pentium 3805U @ 1.90GHz	1980	1591	NA	NA
Intel Pentium 3825U @ 1.90GHz	2526	1377	NA	NA
Intel Pentium 4405U @ 2.10GHz	2928	1241	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1560	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2056	1563	12.78	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3140	1171	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2207	1502	13.71	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1786	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium B940 @ 2.00GHz	1723	1713	57.58	\$29.94*
Intel Pentium B950 @ 2.10GHz	1713	1720	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1656	37.82	\$48.99*
Intel Pentium B970 @ 2.30GHz	1959	1601	38.42	\$50.99*
Intel Pentium B980 @ 2.40GHz	2035	1569	29.09	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	992	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	535	2351	NA	NA
Intel Pentium D 830 @ 3.00GHz	643	2294	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2323	NA	NA
Intel Pentium D 940 @ 3.20GHz	709	2262	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2246	NA	NA
Intel Pentium D 960 @ 3.60GHz	817	2213	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2185	3.86	\$225.00
Intel Pentium E2160 @ 1.80GHz	996	2108	76.96	\$12.95
Intel Pentium E2180 @ 2.00GHz	1088	2051	54.44	\$19.99
Intel Pentium E2200 @ 2.20GHz	1204	1987	16.06	\$75.00
Intel Pentium E2210 @ 2.20GHz	1174	2001	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	1911	2.54	\$525.00
Intel Pentium E5200 @ 2.50GHz	1488	1840	16.54	\$89.95
Intel Pentium E5300 @ 2.60GHz	1538	1814	77.11	\$19.95
Intel Pentium E5400 @ 2.70GHz	1597	1794	79.91	\$19.99
Intel Pentium E5500 @ 2.80GHz	1639	1767	82.03	\$19.99
Intel Pentium E5700 @ 3.00GHz	1738	1706	116.01	\$14.99
Intel Pentium E5800 @ 3.20GHz	1896	1634	63.24	\$29.99
Intel Pentium E6300 @ 2.80GHz	1707	1725	3.02	\$565.00
Intel Pentium E6500 @ 2.93GHz	1760	1694	7.82	\$225.00
Intel Pentium E6600 @ 3.06GHz	1874	1647	18.75	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1942	1607	114.34	\$16.99
Intel Pentium E6800 @ 3.33GHz	1977	1593	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	2169	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2126	NA	NA
Intel Pentium G620 @ 2.60GHz	2293	1465	91.79	\$24.99
Intel Pentium G620T @ 2.20GHz	2028	1571	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2372	1434	94.95	\$24.99
Intel Pentium G630T @ 2.30GHz	2122	1536	26.54	\$79.99*
Intel Pentium G640 @ 2.80GHz	2534	1374	101.42	\$24.99
Intel Pentium G640T @ 2.40GHz	1898	1632	NA	NA
Intel Pentium G645 @ 2.90GHz	2586	1354	27.23	\$95.00*
Intel Pentium G645T @ 2.50GHz	2289	1466	NA	NA
Intel Pentium G840 @ 2.80GHz	2563	1365	73.27	\$34.99*
Intel Pentium G850 @ 2.90GHz	2662	1329	88.78	\$29.99
Intel Pentium G860 @ 3.00GHz	2741	1306	91.43	\$29.99
Intel Pentium G870 @ 3.10GHz	2826	1273	29.14	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2593	1351	74.33	\$34.89
Intel Pentium G2020 @ 2.90GHz	2762	1298	84.07	\$32.86
Intel Pentium G2020T @ 2.50GHz	2466	1402	51.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2873	1263	70.11	\$40.99
Intel Pentium G2030T @ 2.60GHz	2504	1389	39.13	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1284	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2120 @ 3.10GHz	3081	1188	67.01	\$45.99
Intel Pentium G2130 @ 3.20GHz	3213	1147	64.28	\$49.99
Intel Pentium G2140 @ 3.30GHz	3384	1101	67.71	\$49.99
Intel Pentium G3220 @ 3.00GHz	3133	1174	26.12	\$119.95*
Intel Pentium G3220T @ 2.60GHz	2567	1364	36.68	\$69.99
Intel Pentium G3240 @ 3.10GHz	3158	1167	39.49	\$79.99
Intel Pentium G3240T @ 2.70GHz	2874	1262	NA	NA
Intel Pentium G3250 @ 3.20GHz	3254	1129	29.59	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2969	1225	33.00	\$89.99
Intel Pentium G3258 @ 3.20GHz	3888	974	21.81	\$178.28
Intel Pentium G3260 @ 3.30GHz	3374	1104	32.14	\$104.99
Intel Pentium G3260T @ 2.90GHz	2930	1238	32.56	\$89.99
Intel Pentium G3320TE @ 2.30GHz	2389	1426	NA	NA
Intel Pentium G3420 @ 3.20GHz	3404	1091	30.96	\$109.99*
Intel Pentium G3420T @ 2.70GHz	3008	1211	28.58	\$105.25*
Intel Pentium G3430 @ 3.30GHz	3395	1099	37.74	\$89.99
Intel Pentium G3440 @ 3.30GHz	3304	1121	20.66	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1183	NA	NA
Intel Pentium G3450 @ 3.40GHz	3704	1022	37.04	\$99.99
Intel Pentium G3450T @ 2.90GHz	2967	1227	NA	NA
Intel Pentium G3460 @ 3.50GHz	3593	1044	12.47	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3706	1020	35.54	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3558	1054	46.83	\$75.99
Intel Pentium G4400T @ 2.90GHz	3219	1144	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1260	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3794	996	40.60	\$93.44
Intel Pentium G4500T @ 3.00GHz	3471	1078	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	918	43.64	\$95.88
Intel Pentium G4560 @ 3.50GHz	4873	787	54.15	\$89.99
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	940	40.48	\$99.99
Intel Pentium G4600 @ 3.60GHz	5093	742	52.98	\$96.13
Intel Pentium G4600T @ 3.00GHz	4272	901	42.97	\$99.44*
Intel Pentium G4620 @ 3.70GHz	5205	724	41.73	\$124.75
Intel Pentium G6950 @ 2.80GHz	1859	1653	189.89	\$9.79
Intel Pentium G6951 @ 2.80GHz	2140	1524	22.77	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2083	1553	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5220	723	32.63	\$159.99
Intel Pentium Gold G5400T @ 3.10GHz	5048	753	78.89	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5247	721	49.98	\$104.99
Intel Pentium Gold G5500T @ 3.20GHz	4577	844	61.03	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5707	654	49.74	\$114.75
Intel Pentium III 933S @ 933MHz	238	2687	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2626	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2640	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2584	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2605	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2601	NA	NA
Intel Pentium III Mobile 750MHz	103	2775	NA	NA
Intel Pentium III Mobile 800MHz	182	2740	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III Mobile 866MHz	152	2757	NA	NA
Intel Pentium III Mobile 933MHz	218	2703	7.55	\$28.99*
Intel Pentium III Mobile 1000MHz	245	2677	NA	NA
Intel Pentium III Mobile 1066MHz	246	2676	NA	NA
Intel Pentium III Mobile 1133MHz	251	2670	NA	NA
Intel Pentium III Mobile 1200MHz	243	2684	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1666	NA	NA
Intel Pentium J2900 @ 2.41GHz	1960	1600	NA	NA
Intel Pentium J3710 @ 1.60GHz	1932	1612	NA	NA
Intel Pentium J4205 @ 1.50GHz	2304	1458	NA	NA
Intel Pentium M 1.10GHz	282	2631	NA	NA
Intel Pentium M 1.20GHz	298	2603	NA	NA
Intel Pentium M 1.30GHz	301	2595	NA	NA
Intel Pentium M 1.40GHz	345	2547	NA	NA
Intel Pentium M 1.50GHz	366	2522	NA	NA
Intel Pentium M 1.60GHz	364	2527	NA	NA
Intel Pentium M 1.70GHz	406	2471	NA	NA
Intel Pentium M 1.73GHz	412	2461	NA	NA
Intel Pentium M 1.80GHz	409	2464	NA	NA
Intel Pentium M 1.86GHz	438	2439	NA	NA
Intel Pentium M 2.00GHz	463	2411	NA	NA
Intel Pentium M 2.10GHz	448	2426	NA	NA
Intel Pentium M 2.13GHz	505	2371	NA	NA
Intel Pentium M 2.26GHz	509	2369	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2395	NA	NA
Intel Pentium M 900MHz	217	2706	NA	NA
Intel Pentium M 1000MHz	233	2691	NA	NA
Intel Pentium M 1100MHz	259	2661	NA	NA
Intel Pentium M 1200MHz	237	2688	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	2590	NA	NA
Intel Pentium M 1400MHz	321	2569	NA	NA
Intel Pentium M 1500MHz	354	2535	NA	NA
Intel Pentium M 1600MHz	332	2559	NA	NA
Intel Pentium M 1700MHz	376	2507	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1826	NA	NA
Intel Pentium N3520 @ 2.16GHz	1803	1679	NA	NA
Intel Pentium N3530 @ 2.16GHz	1891	1636	NA	NA
Intel Pentium N3540 @ 2.16GHz	1930	1614	7.69	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1834	1668	4.13	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1862	1651	NA	NA
Intel Pentium N4200 @ 1.10GHz	2012	1579	10.16	\$198.11
Intel Pentium P6000 @ 1.87GHz	1248	1966	NA	NA
Intel Pentium P6100 @ 2.00GHz	1327	1913	110.67	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1348	1903	30.01	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1885	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2920	1244	13.28	\$219.92*
Intel Pentium SU2700 @ 1.30GHz	405	2472	NA	NA
Intel Pentium SU4100 @ 1.30GHz	859	2192	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2199	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2060 @ 1.60GHz	662	2283	NA	NA
Intel Pentium T2080 @ 1.73GHz	707	2264	4.42	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2261	NA	NA
Intel Pentium T2310 @ 1.46GHz	730	2250	NA	NA
Intel Pentium T2330 @ 1.60GHz	834	2205	NA	NA
Intel Pentium T2370 @ 1.73GHz	841	2201	24.04	\$35.00*
Intel Pentium T2390 @ 1.86GHz	944	2146	NA	NA
Intel Pentium T2410 @ 2.00GHz	996	2109	NA	NA
Intel Pentium T3200 @ 2.00GHz	1032	2082	86.07	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1114	2032	12.39	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1146	2021	95.56	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1234	1971	NA	NA
Intel Pentium T4400 @ 2.20GHz	1282	1944	NA	NA
Intel Pentium T4500 @ 2.30GHz	1336	1910	NA	NA
Intel Pentium U5400 @ 1.20GHz	812	2217	NA	NA
Intel Pentium U5600 @ 1.33GHz	943	2147	NA	NA
Intel T1200 @ 1.50GHz	435	2445	NA	NA
Intel T1400 @ 1.73GHz	929	2155	NA	NA
Intel T1500 @ 1.86GHz	953	2139	NA	NA
Intel T2050 @ 2.00GHz	959	2136	NA	NA
Intel Xeon 2.00GHz	233	2690	NA	NA
Intel XEON 2.20GHz	252	2668	NA	NA
Intel Xeon 2.40GHz	276	2643	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2444	NA	NA
Intel Xeon 2.80GHz	400	2482	NA	NA
Intel Xeon 3.00GHz	391	2495	NA	NA
Intel Xeon 3.06GHz	491	2379	NA	NA
Intel Xeon 3.20GHz	461	2414	NA	NA
Intel Xeon 3.40GHz	478	2398	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	2368	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2078	NA	NA
Intel Xeon 3.80GHz	604	2313	0.71	\$851.00*
Intel Xeon 1500MHz	193	2729	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1941	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1313	1919	8.32	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1827	66.07	\$22.99
Intel Xeon 3065 @ 2.33GHz	1520	1821	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1776	1688	4.34	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1664	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1806	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2062	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	1967	0.77	\$1,628.48
Intel Xeon 5130 @ 2.00GHz	1378	1887	103.95	\$13.26*
Intel Xeon 5133 @ 2.20GHz	1598	1792	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1769	50.57	\$32.42*
Intel Xeon 5148 @ 2.33GHz	1590	1798	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1747	1701	3.83	\$455.95*
Intel Xeon 5160 @ 3.00GHz	1964	1598	153.27	\$12.82*
Intel Xeon @ 2.20GHz	1902	1626	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Bronze 3104 @ 1.70GHz	5446	689	23.05	\$236.34
Intel Xeon D-1518 @ 2.20GHz	5322	710	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	648	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	531	NA	NA
Intel Xeon D-1528 @ 1.90GHz	7946	439	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	293	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	459	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	234	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11056	213	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	426	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14693	119	NA	NA
Intel Xeon D-1587 @ 1.70GHz	13950	142	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	418	38.22	\$213.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	144	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18252	57	10.35	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6084	612	32.03	\$190.00
Intel Xeon E3-1220 V2 @ 3.10GHz	6671	557	20.27	\$329.11
Intel Xeon E3-1220 v3 @ 3.10GHz	7098	517	29.35	\$241.83
Intel Xeon E3-1220 v5 @ 3.00GHz	7740	457	29.33	\$263.91
Intel Xeon E3-1220 v6 @ 3.00GHz	7976	436	37.10	\$214.99
Intel Xeon E3-1220L @ 2.20GHz	3563	1053	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	872	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1542	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5909	629	33.77	\$175.00*
Intel Xeon E3-1225 V2 @ 3.20GHz	6851	540	13.53	\$506.59
Intel Xeon E3-1225 v3 @ 3.20GHz	7208	507	15.73	\$458.34*
Intel Xeon E3-1225 v5 @ 3.30GHz	7833	447	29.23	\$268.04
Intel Xeon E3-1225 v6 @ 3.30GHz	8294	406	35.30	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7530	476	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	446	41.52	\$189.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8856	369	25.15	\$352.10
Intel Xeon E3-1230 v3 @ 3.30GHz	9324	327	35.64	\$261.66*
Intel Xeon E3-1230 v5 @ 3.40GHz	9778	289	23.98	\$407.87
Intel Xeon E3-1230 v6 @ 3.50GHz	9704	298	37.33	\$259.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	505	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9626	300	37.25	\$258.44*
Intel Xeon E3-1235 @ 3.20GHz	7680	464	31.48	\$244.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	577	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7958	438	32.62	\$244.00
Intel Xeon E3-1240 V2 @ 3.40GHz	9133	339	16.92	\$539.95
Intel Xeon E3-1240 v3 @ 3.40GHz	9679	299	25.18	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10402	240	30.45	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10148	255	35.00	\$289.99
Intel Xeon E3-1240L v3 @ 2.00GHz	7510	477	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	452	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10020	272	12.93	\$775.00
Intel Xeon E3-1245 @ 3.30GHz	8019	430	30.84	\$260.00*
Intel Xeon E3-1245 V2 @ 3.40GHz	9118	342	15.01	\$607.59
Intel Xeon E3-1245 v3 @ 3.40GHz	9580	303	28.18	\$339.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1245 v5 @ 3.50GHz	10191	252	29.52	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10535	235	33.99	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9850	284	11.87	\$830.00
Intel Xeon E3-1260L @ 2.40GHz	6534	569	76.32	\$85.62*
Intel Xeon E3-1260L v5 @ 2.90GHz	10083	263	20.29	\$497.00
Intel Xeon E3-1265L @ 2.40GHz	6038	617	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7785	453	54.67	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	8722	378	12.29	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	348	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	445	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	383	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8239	409	25.99	\$317.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9473	312	33.57	\$282.22
Intel Xeon E3-1270 v3 @ 3.50GHz	9890	281	26.73	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10338	247	29.87	\$346.16
Intel Xeon E3-1270 v6 @ 3.80GHz	11135	206	32.56	\$342.00
Intel Xeon E3-1271 v3 @ 3.60GHz	10092	262	11.36	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8348	402	27.46	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9445	317	23.93	\$394.72
Intel Xeon E3-1275 v3 @ 3.50GHz	9891	280	24.67	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10357	245	18.40	\$563.00
Intel Xeon E3-1275 v6 @ 3.80GHz	11113	207	30.20	\$367.97
Intel Xeon E3-1275L v3 @ 2.70GHz	8874	367	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10170	254	7.99	\$1,273.00
Intel Xeon E3-1280 @ 3.50GHz	8473	395	23.03	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9470	313	11.02	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9747	292	13.98	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	230	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	202	23.70	\$479.88
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	246	11.79	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10359	244	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10641	231	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	194	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	275	12.35	\$808.02
Intel Xeon E3-1285L v4 @ 3.40GHz	11048	214	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	278	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	10129	257	13.09	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	381	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	297	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	520	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8912	364	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9855	283	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10509	237	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9312	328	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10573	233	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10451	239	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10755	223	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10743	227	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10689	228	24.02	\$445.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1410 @ 2.80GHz	7312	498	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	486	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5546	675	33.62	\$164.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6165	604	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6420	585	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5874	633	267.16	\$21.99*
Intel Xeon E5-1607 v2 @ 3.00GHz	6199	600	19.81	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6939	534	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	503	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9059	349	27.46	\$329.93*
Intel Xeon E5-1620 v2 @ 3.70GHz	9453	316	28.74	\$329.00*
Intel Xeon E5-1620 v3 @ 3.50GHz	9755	291	27.20	\$358.70*
Intel Xeon E5-1620 v4 @ 3.50GHz	9950	276	32.52	\$305.95
Intel Xeon E5-1630 v3 @ 3.70GHz	10277	249	17.19	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10302	248	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11745	198	67.12	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12720	172	83.03	\$153.20
Intel Xeon E5-1650 v3 @ 3.50GHz	13613	154	20.63	\$660.00
Intel Xeon E5-1650 v4 @ 3.60GHz	14224	134	22.58	\$629.99*
Intel Xeon E5-1660 @ 3.30GHz	12369	181	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13654	150	7.55	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14565	124	9.01	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16192	88	13.17	\$1,229.52
Intel Xeon E5-1680 v2 @ 3.00GHz	16345	81	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16633	76	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	69	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	58	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1065	9.66	\$364.97
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1089	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	967	11.77	\$335.04
Intel Xeon E5-2407 v2 @ 2.40GHz	4575	845	9.61	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	725	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	523	18.06	\$390.02
Intel Xeon E5-2420 v2 @ 2.20GHz	8629	390	14.88	\$579.95*
Intel Xeon E5-2430 @ 2.20GHz	6878	539	9.44	\$728.95
Intel Xeon E5-2430 v2 @ 2.50GHz	8833	373	15.77	\$559.99
Intel Xeon E5-2430L @ 2.00GHz	7269	502	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	562	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	335	187.82	\$48.87
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	318	18.48	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	359	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	253	14.10	\$722.22*
Intel Xeon E5-2450L @ 1.80GHz	8261	407	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	10061	267	31.77	\$316.72*
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	168	5.70	\$2,250.00*
Intel Xeon E5-2603 @ 1.80GHz	3580	1050	16.61	\$215.55
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1004	96.35	\$39.09
Intel Xeon E5-2603 v3 @ 1.60GHz	5172	729	14.48	\$357.33
Intel Xeon E5-2603 v4 @ 1.70GHz	5451	687	23.70	\$229.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	444	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4616	832	59.18	\$78.00*
Intel Xeon E5-2609 v2 @ 2.50GHz	5149	731	10.10	\$509.95*
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	627	9.60	\$619.04
Intel Xeon E5-2609 v4 @ 1.70GHz	6917	536	19.23	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	186	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	123	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7923	442	184.35	\$42.98
Intel Xeon E5-2620 v2 @ 2.10GHz	8702	380	37.84	\$230.00
Intel Xeon E5-2620 v3 @ 2.40GHz	10025	271	27.17	\$369.00
Intel Xeon E5-2620 v4 @ 2.10GHz	11365	203	25.83	\$439.98
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	363	22.07	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8208	412	14.95	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	322	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	193	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13268	161	9.73	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	215	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8853	370	69.23	\$127.89
Intel Xeon E5-2630 v2 @ 2.60GHz	10401	241	60.12	\$173.00
Intel Xeon E5-2630 v3 @ 2.40GHz	12801	170	26.18	\$489.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13884	143	21.04	\$659.99
Intel Xeon E5-2630L @ 2.00GHz	8001	432	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9283	332	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9476	311	12.60	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	167	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9406	320	15.47	\$608.00
Intel Xeon E5-2637 v3 @ 3.50GHz	10128	258	7.82	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	238	9.82	\$1,065.92
Intel Xeon E5-2640 @ 2.50GHz	9512	308	79.25	\$120.03
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	277	102.81	\$96.34*
Intel Xeon E5-2640 v3 @ 2.60GHz	13978	141	11.14	\$1,254.25
Intel Xeon E5-2640 v4 @ 2.40GHz	15331	108	16.36	\$936.99
Intel Xeon E5-2643 @ 3.30GHz	8423	398	11.07	\$760.99
Intel Xeon E5-2643 v2 @ 3.50GHz	12824	169	4.85	\$2,641.75*
Intel Xeon E5-2643 v3 @ 3.40GHz	13801	145	18.52	\$745.17
Intel Xeon E5-2643 v4 @ 3.40GHz	13618	153	8.31	\$1,638.35
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	201	8.38	\$1,360.26*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	149	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	120	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10145	256	82.52	\$122.95
Intel Xeon E5-2650 v2 @ 2.60GHz	13104	164	24.27	\$539.90
Intel Xeon E5-2650 v3 @ 2.30GHz	14841	117	7.38	\$2,009.92*
Intel Xeon E5-2650 v4 @ 2.20GHz	15912	95	12.44	\$1,279.07*
Intel Xeon E5-2650L @ 1.80GHz	8676	385	54.26	\$159.90*
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	156	13.38	\$1,010.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	138	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	204	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	310	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	137	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	87	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	75	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11098	210	91.03	\$121.92
Intel Xeon E5-2660 v2 @ 2.20GHz	13479	159	63.28	\$213.01
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	89	8.95	\$1,808.95
Intel Xeon E5-2660 v4 @ 2.00GHz	17069	71	9.70	\$1,760.00*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	139	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11599	200	67.97	\$170.65
Intel Xeon E5-2667 @ 2.90GHz	10367	243	45.87	\$226.00*
Intel Xeon E5-2667 v2 @ 3.30GHz	16303	86	21.35	\$763.56
Intel Xeon E5-2667 v3 @ 3.20GHz	16119	90	7.13	\$2,259.95*
Intel Xeon E5-2667 v4 @ 3.20GHz	16447	80	7.46	\$2,205.57
Intel Xeon E5-2670 @ 2.60GHz	12137	187	124.75	\$97.30
Intel Xeon E5-2670 v2 @ 2.50GHz	14966	116	30.61	\$489.00*
Intel Xeon E5-2670 v3 @ 2.30GHz	16331	82	10.39	\$1,572.00*
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	84	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	17071	70	24.39	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	27	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15156	112	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17659	63	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	73	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	10	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12638	175	113.00	\$111.84
Intel Xeon E5-2680 v2 @ 2.80GHz	15804	101	39.81	\$397.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18615	52	9.30	\$2,001.00
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	43	11.28	\$1,762.90*
Intel Xeon E5-2682 v4 @ 2.50GHz	21066	32	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17411	65	8.77	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	49	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	115	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	48	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14381	130	24.32	\$591.46
Intel Xeon E5-2687W v2 @ 3.40GHz	16487	78	7.83	\$2,105.59
Intel Xeon E5-2687W v3 @ 3.10GHz	17720	61	5.89	\$3,009.95
Intel Xeon E5-2687W v4 @ 3.00GHz	19933	41	8.64	\$2,307.31*
Intel Xeon E5-2689 @ 2.60GHz	13427	160	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19892	42	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13722	148	86.31	\$159.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16457	79	37.83	\$435.00
Intel Xeon E5-2690 v3 @ 2.60GHz	19295	47	8.71	\$2,215.86*
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	29	9.07	\$2,350.88*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	91	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15847	99	8.90	\$1,779.95
Intel Xeon E5-2695 v3 @ 2.30GHz	20081	38	9.99	\$2,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	36	7.87	\$2,573.17*
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	77	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22548	18	9.03	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21077	31	7.00	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17455	64	7.81	\$2,235.02

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2697 v3 @ 2.60GHz	21365	28	7.89	\$2,708.95
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	25	7.67	\$2,805.00
Intel Xeon E5-2697A v4 @ 2.60GHz	21875	22	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21133	30	6.17	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	23	6.77	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	19	4.97	\$4,505.95
Intel Xeon E5-2699 v4 @ 2.20GHz	23200	17	5.24	\$4,430.05
Intel Xeon E5-4603 @ 2.00GHz	5014	762	2.65	\$1,890.99*
Intel Xeon E5-4617 @ 2.90GHz	8684	384	96.60	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	420	43.00	\$189.00
Intel Xeon E5-4627 v3 @ 2.60GHz	14221	135	5.93	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	104	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	236	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	173	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	211	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	12117	188	126.89	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	197	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	182	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	97	5.30	\$3,000.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15556	102	3.24	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	152	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1177	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2165	1516	94.20	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1412	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1490	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1874	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1414	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1481	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1467	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	1383	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2923	1243	73.12	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2851	1267	10.19	\$279.95*
Intel Xeon E5410 @ 2.33GHz	3267	1127	15.79	\$207.01*
Intel Xeon E5420 @ 2.50GHz	3503	1069	13.48	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3776	1002	104.91	\$36.00*
Intel Xeon E5440 @ 2.83GHz	3973	957	33.13	\$119.95*
Intel Xeon E5450 @ 3.00GHz	4200	914	18.27	\$229.95*
Intel Xeon E5462 @ 2.80GHz	3885	976	142.34	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4135	930	75.47	\$54.80*
Intel Xeon E5502 @ 1.87GHz	1378	1886	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1876	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2702	1319	38.63	\$69.95
Intel Xeon E5506 @ 2.13GHz	2977	1224	49.63	\$60.00
Intel Xeon E5507 @ 2.27GHz	3137	1172	6.87	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4441	866	27.77	\$159.95
Intel Xeon E5530 @ 2.40GHz	4605	836	158.83	\$29.00*
Intel Xeon E5540 @ 2.53GHz	4758	807	135.97	\$35.00
Intel Xeon E5603 @ 1.60GHz	2366	1438	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3049	1200	13.92	\$219.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5607 @ 2.27GHz	3397	1097	15.51	\$219.00
Intel Xeon E5620 @ 2.40GHz	4858	790	224.63	\$21.63
Intel Xeon E5630 @ 2.53GHz	5088	745	108.19	\$47.03*
Intel Xeon E5640 @ 2.67GHz	5263	718	88.47	\$59.49*
Intel Xeon E5645 @ 2.40GHz	6484	573	60.05	\$107.98
Intel Xeon E5649 @ 2.53GHz	6936	535	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1417	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	448	40.54	\$193.00*
Intel Xeon E-2146G @ 3.50GHz	15904	96	51.14	\$311.00*
Intel Xeon E-2174G @ 3.80GHz	12108	189	36.92	\$328.00*
Intel Xeon E-2176G @ 3.70GHz	14409	128	39.81	\$362.00*
Intel Xeon E-2176M @ 2.70GHz	13985	140	31.08	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	15406	105	34.24	\$450.00*
Intel Xeon E-2186M @ 2.90GHz	14388	129	23.09	\$623.00*
Intel Xeon Gold 5118 @ 2.30GHz	15985	92	11.86	\$1,348.00*
Intel Xeon Gold 5120 @ 2.20GHz	16308	85	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	59	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	11104	209	8.61	\$1,288.99*
Intel Xeon Gold 6126 @ 2.60GHz	19711	45	10.39	\$1,896.55
Intel Xeon Gold 6128 @ 3.40GHz	15022	114	8.15	\$1,842.27*
Intel Xeon Gold 6130 @ 2.10GHz	20222	37	10.41	\$1,941.99
Intel Xeon Gold 6132 @ 2.60GHz	23907	15	10.71	\$2,232.81*
Intel Xeon Gold 6134 @ 3.20GHz	18083	60	8.38	\$2,159.00
Intel Xeon Gold 6136 @ 3.00GHz	21018	33	7.85	\$2,677.82*
Intel Xeon Gold 6138 @ 2.00GHz	25416	9	9.48	\$2,679.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	14	9.25	\$2,589.99*
Intel Xeon Gold 6144 @ 3.50GHz	19654	46	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	11	7.53	\$3,339.00
Intel Xeon Gold 6154 @ 3.00GHz	27722	4	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	1477	NA	NA
Intel Xeon L3360 @ 2.83GHz	3820	989	42.81	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1908	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	982	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1672	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1478	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1476	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1527	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1303	72.15	\$38.20*
Intel Xeon L5408 @ 2.13GHz	3037	1204	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1105	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3499	1070	127.24	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3716	1017	23.53	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1018	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	878	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	888	311.73	\$13.96*
Intel Xeon L5630 @ 2.13GHz	4369	884	252.11	\$17.33*
Intel Xeon L5638 @ 2.00GHz	5556	673	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	541	NA	NA
Intel Xeon L5640 @ 2.27GHz	6405	587	133.41	\$48.01*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L7455 @ 2.13GHz	3836	984	NA	NA
Intel Xeon MV 3.20GHz	683	2277	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26652	5	NA	NA
Intel Xeon Platinum 8173M @ 2.00GHz	28860	1	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	2	NA	NA
Intel Xeon Silver 4108 @ 1.80GHz	10769	222	23.44	\$459.38
Intel Xeon Silver 4109T @ 2.00GHz	10854	221	21.67	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11977	192	22.60	\$529.86
Intel Xeon Silver 4112 @ 2.60GHz	8607	391	16.26	\$529.21*
Intel Xeon Silver 4114 @ 2.20GHz	14484	127	19.44	\$744.99*
Intel Xeon Silver 4116 @ 2.10GHz	15248	109	13.60	\$1,121.16*
Intel Xeon Silver 4123 @ 3.00GHz	15185	110	NA	NA
Intel Xeon W3503 @ 2.40GHz	1756	1698	108.30	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1858	1654	NA	NA
Intel Xeon W3520 @ 2.67GHz	5059	750	175.98	\$28.75*
Intel Xeon W3530 @ 2.80GHz	5359	704	18.23	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	682	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5696	655	95.02	\$59.95*
Intel Xeon W3565 @ 3.20GHz	5943	625	84.97	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6084	613	12.68	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6433	581	29.99	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8152	417	14.43	\$565.00*
Intel Xeon W3680 @ 3.33GHz	9083	347	11.95	\$759.95*
Intel Xeon W3690 @ 3.47GHz	9164	337	9.16	\$1,000.00*
Intel Xeon W5580 @ 3.20GHz	5836	639	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	601	2.46	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	7001	527	20.72	\$337.99*
Intel Xeon W-2104 @ 3.20GHz	7782	454	30.52	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10745	226	29.55	\$363.65*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2125 @ 4.00GHz	12398	180	25.22	\$491.53*
Intel Xeon W-2133 @ 3.60GHz	14159	136	22.95	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16324	83	18.00	\$907.07
Intel Xeon W-2140B @ 3.20GHz	18472	56	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19712	44	16.49	\$1,195.71
Intel Xeon W-2150B @ 3.00GHz	21522	26	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21790	24	14.24	\$1,530.39*
Intel Xeon W-2195 @ 2.30GHz	24983	12	9.06	\$2,757.95
Intel Xeon X3210 @ 2.13GHz	2737	1307	14.74	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3087	1187	53.24	\$57.99*
Intel Xeon X3230 @ 2.66GHz	3425	1087	9.52	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3310	1119	14.43	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3167	1159	163.59	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3375	1103	16.08	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3847	980	64.14	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	979	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3955	961	25.04	\$157.95*
Intel Xeon X3363 @ 2.83GHz	4008	950	25.38	\$157.95*
Intel Xeon X3370 @ 3.00GHz	4286	900	11.68	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	821	9.15	\$509.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3430 @ 2.40GHz	3361	1107	16.01	\$209.95
Intel Xeon X3440 @ 2.53GHz	4542	851	20.19	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4816	799	60.24	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5117	735	14.33	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5123	734	10.05	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	661	NA	NA
Intel Xeon X5260 @ 3.33GHz	2453	1404	17.62	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2535	1373	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1425	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3218	1145	10.38	\$309.95*
Intel Xeon X5365 @ 3.00GHz	3491	1072	35.09	\$99.50
Intel Xeon X5450 @ 3.00GHz	4123	933	82.48	\$49.99*
Intel Xeon X5460 @ 3.16GHz	4339	890	27.13	\$159.95
Intel Xeon X5470 @ 3.33GHz	4600	838	24.34	\$189.00
Intel Xeon X5472 @ 3.00GHz	4034	944	17.93	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4571	846	45.72	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4844	795	3.48	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5404	697	312.95	\$17.27*
Intel Xeon X5560 @ 2.80GHz	5399	698	93.17	\$57.95*
Intel Xeon X5570 @ 2.93GHz	5679	657	63.81	\$89.00*
Intel Xeon X5647 @ 2.93GHz	5980	621	29.94	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7415	490	211.92	\$34.99
Intel Xeon X5660 @ 2.80GHz	7618	471	76.54	\$99.54
Intel Xeon X5667 @ 3.07GHz	4722	811	67.47	\$70.00*
Intel Xeon X5670 @ 2.93GHz	7931	441	120.19	\$65.99
Intel Xeon X5672 @ 3.20GHz	6419	586	22.63	\$283.72*
Intel Xeon X5675 @ 3.07GHz	8336	403	104.22	\$79.99
Intel Xeon X5677 @ 3.47GHz	7000	528	66.67	\$105.00*
Intel Xeon X5679 @ 3.20GHz	8845	371	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5680 @ 3.33GHz	8562	393	49.21	\$174.00
Intel Xeon X5687 @ 3.60GHz	7086	519	121.16	\$58.49
Intel Xeon X5690 @ 3.47GHz	8945	362	56.26	\$159.00
Intel Xeon X5698 @ 4.40GHz	4272	902	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1223	NA	NA
Mobile AMD Athlon 4	314	2578	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2532	NA	NA
Mobile AMD Athlon 64 2700+	398	2484	NA	NA
Mobile AMD Athlon 64 2800+	440	2434	NA	NA
Mobile AMD Athlon 64 3000+	450	2424	NA	NA
Mobile AMD Athlon 64 3200+	448	2427	NA	NA
Mobile AMD Athlon 64 3400+	511	2367	NA	NA
Mobile AMD Athlon 64 3700+	435	2446	NA	NA
Mobile AMD Athlon 64 4000+	576	2327	NA	NA
Mobile AMD Athlon 1400+	266	2654	NA	NA
Mobile AMD Athlon 2500+	370	2516	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2655	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2505	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2609	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2377	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP	572	2332	45.81	\$12.49*
Mobile AMD Athlon XP-M	512	2366	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2738	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2658	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2662	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2566	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2604	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2551	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2597	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2526	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2546	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2544	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2515	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2524	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2523	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2437	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2385	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2370	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2616	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2608	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2556	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2513	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2401	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2372	NA	NA
Mobile AMD Sempron 2100+	252	2669	NA	NA
Mobile AMD Sempron 2600+	394	2490	NA	NA
Mobile AMD Sempron 2800+	361	2529	NA	NA
Mobile AMD Sempron 3000+	389	2499	NA	NA
Mobile AMD Sempron 3100+	416	2458	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Sempron 3200+	354	2536	NA	NA
Mobile AMD Sempron 3300+	445	2430	NA	NA
Mobile AMD Sempron 3400+	440	2435	NA	NA
Mobile AMD Sempron 3500+	408	2469	NA	NA
Mobile AMD Sempron 3600+	431	2451	NA	NA
Mobile AMD Sempron 3800+	485	2391	NA	NA
Mobile Intel Celeron 1.20GHz	170	2748	NA	NA
Mobile Intel Celeron 1.50GHz	188	2732	NA	NA
Mobile Intel Celeron 1.60GHz	188	2733	NA	NA
Mobile Intel Celeron 1.70GHz	181	2741	NA	NA
Mobile Intel Celeron 1.80GHz	186	2735	NA	NA
Mobile Intel Celeron 2.00GHz	204	2717	NA	NA
Mobile Intel Celeron 2.20GHz	226	2697	NA	NA
Mobile Intel Celeron 2.40GHz	239	2685	NA	NA
Mobile Intel Celeron 2.50GHz	281	2634	NA	NA
Mobile Intel Celeron 1200MHz	294	2610	NA	NA
Mobile Intel Celeron 1333MHz	280	2637	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2642	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2657	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2639	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 2.80GHz	315	2576	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2554	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2533	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2438	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2399	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2727	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2747	0.73	\$237.50
Mobile Intel Pentium 4 - M 1.80GHz	175	2744	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2692	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2722	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2724	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2708	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2664	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2579	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2711	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2723	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2673	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2614	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2698	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2615	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1391	NA	NA
Quad-Core AMD Opteron 1385	3442	1084	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3427	1086	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1242	NA	NA
VIA C3 Ezra	100	2776	NA	NA
VIA C7 1500MHz	284	2627	NA	NA
VIA C7-D 1500MHz	287	2622	NA	NA
VIA C7-D 1800MHz	203	2719	NA	NA
VIA C7-D 2000MHz	368	2519	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA C7-M 1000MHz	164	2750	NA	NA
VIA C7-M 1200MHz	140	2763	NA	NA
VIA C7-M 1600MHz	178	2743	NA	NA
VIA C7-M 6300MHz	222	2700	NA	NA
VIA Eden 800MHz	155	2754	NA	NA
VIA Eden 1000MHz	123	2771	NA	NA
VIA Eden 1200MHz	142	2762	NA	NA
VIA Eden C1050@1.06GHz	352	2539	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2397	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	2020	NA	NA
VIA Esther 1000MHz	146	2761	NA	NA
VIA Esther 1300MHz	250	2672	NA	NA
VIA Esther 1500MHz	219	2702	NA	NA
VIA Esther 2000MHz	394	2489	NA	NA
VIA Nano L1900@1400MHz	457	2417	NA	NA
VIA Nano L2007@1600MHz	369	2517	NA	NA
VIA Nano L2100@1800MHz	428	2453	NA	NA
VIA Nano L2207@1600MHz	296	2607	NA	NA
VIA Nano L3025@1600MHz	517	2360	NA	NA
VIA Nano L3050@1800MHz	581	2325	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano L3600@2000MHz	645	2291	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2506	NA	NA
VIA Nano U2250@1300+MHz	274	2646	NA	NA
VIA Nano U2500@1200MHz	306	2588	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2374	NA	NA
VIA Nano U3300@1200MHz	409	2463	NA	NA
VIA Nano U3500@1000MHz	275	2644	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2311	NA	NA
VIA Nehemiah	155	2755	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1633	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1894	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2002	NA	NA
VIA Samuel 2	79	2778	NA	NA

* - Last price seen from our affiliates.

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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	8.71	\$1,459.84
[Dual CPU] AMD EPYC 7401	23518	57	4.55	\$5,169.74
[Dual CPU] AMD EPYC 7451	28957	26	4.34	\$6,678.16
[Dual CPU] AMD EPYC 7501	26884	36	3.07	\$8,768.62
[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
[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	\$356.02*
[Dual CPU] AMD Opteron 2216 HE	2593	398	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 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	18.70	\$378.00
[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*
[Dual CPU] AMD Opteron 4386	11360	191	40.57	\$279.98
[Dual CPU] AMD Opteron 6128	6881	298	23.09	\$298.00
[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

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6174	8567	250	43.27	\$198.00
[Dual CPU] AMD Opteron 6176 SE	8448	253	26.57	\$318.00
[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	22.35	\$478.00
[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	41.25	\$158.00
[Dual CPU] AMD Opteron 8431	5813	325	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	301	46.80	\$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
[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

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[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	14.67	\$431.10
[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*
[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	20.71	\$738.00
[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	46.34	\$346.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18522	107	18.94	\$978.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18872	104	14.30	\$1,319.98
[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	15972	129	13.13	\$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	7.81	\$2,131.84
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14682	142	61.16	\$240.06
[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	8.04	\$2,508.50
[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	8.96	\$1,521.98
[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	14.15	\$1,490.34
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21544	75	6.57	\$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	61.00	\$245.90
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19028	103	17.62	\$1,079.80
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	67.02	\$243.84
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18077	111	42.43	\$426.02
[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
[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	22795	68	14.93	\$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	18234	108	93.70	\$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

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[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	27.04	\$794.00
[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	17.73	\$1,182.92
[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	95	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	41	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19802	96	62.27	\$318.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23731	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
[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	3.84	\$8,860.10
[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*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[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	7554	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	112.11	\$70.00
[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	13.68	\$438.00
[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*
[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*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[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*
[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	5774	326	9.31	\$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	24.54	\$319.90

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[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	8215	260	41.08	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8716	246	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	11351	192	162.20	\$69.98
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11671	183	58.62	\$199.08
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	241	62.98	\$140.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12309	170	93.26	\$131.98
[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	245	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*
[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	21.70	\$396.00
[Quad CPU] AMD Opteron 6272	12292	171	4.66	\$2,635.56*
[Quad CPU] AMD Opteron 6274	10488	203	10.97	\$956.00
[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*

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

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