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# CPU Benchmarks

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## CPU List

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



## Single CPU Systems

Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	1951	NA	NA
AMD A4 Micro-6400T APU	1561	1185	NA	NA
AMD A4 PRO-7300B APU	2451	860	NA	NA
AMD A4 PRO-7350B	2794	Insufficient data	NA	NA
AMD A4-1200 APU	645	1625	NA	NA
AMD A4-1250 APU	610	1640	NA	NA
AMD A4-3300 APU	1534	1193	20.22	\$75.88
AMD A4-3300M APU	1211	1345	60.58	\$20.00*
AMD A4-3305M APU	1250	1330	NA	NA
AMD A4-3310MX APU	1353	1270	NA	NA
AMD A4-3320M APU	1252	1328	32.96	\$38.00
AMD A4-3330MX APU	1265	1320	NA	NA
AMD A4-3400 APU	1593	1171	20.17	\$79.00
AMD A4-3420 APU	1682	1129	NA	NA
AMD A4-4000 APU	1792	1078	31.84	\$56.30
AMD A4-4020 APU	1667	1138	26.93	\$61.90
AMD A4-4300M APU	1692	1123	NA	NA
AMD A4-4355M APU	1184	1360	NA	NA
AMD A4-5000 APU	1892	1040	NA	NA
AMD A4-5100 APU	2099	976	NA	NA
AMD A4-5150M APU	1920	1025	NA	NA
AMD A4-5300 APU	2016	997	35.37	\$56.99
AMD A4-5300B APU	1934	1021	50.90	\$38.00
AMD A4-6210 APU	2119	970	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-6300 APU	2226	933	50.03	\$44.50
AMD A4-6300B APU	1987	1005	19.88	\$100.00*
AMD A4-6320 APU	2342	890	46.86	\$49.99*
AMD A4-7210 APU	2517	838	NA	NA
AMD A4-7300 APU	2240	920	49.80	\$44.99
AMD A6 PRO-7050B APU	1688	1126	NA	NA
AMD A6 PRO-7400B	3005	718	NA	NA
AMD A6-1450 APU	1507	1202	NA	NA
AMD A6-3400M APU	1940	1017	107.83	\$18.00*
AMD A6-3410MX APU	2119	967	NA	NA
AMD A6-3420M APU	2050	984	NA	NA
AMD A6-3430MX APU	2271	910	NA	NA
AMD A6-3500 APU	2025	991	18.66	\$108.55
AMD A6-3600 APU	2759	781	38.56	\$71.56
AMD A6-3620 APU	2868	753	47.81	\$59.99*
AMD A6-3650 APU	3200	676	33.96	\$94.24*
AMD A6-3670 APU	3245	663	3.09	\$1,048.85*
AMD A6-4400M APU	1622	1162	NA	NA
AMD A6-4455M APU	1290	1304	NA	NA
AMD A6-5200 APU	2419	868	NA	NA
AMD A6-5345M APU	1413	1242	NA	NA
AMD A6-5350M APU	1938	1019	NA	NA
AMD A6-5357M APU	1831	1065	NA	NA
AMD A6-5400B APU	2142	959	20.39	\$105.04*
AMD A6-5400K APU	2137	961	47.52	\$44.99
AMD A6-6310 APU	2368	879	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-6400B APU	2160	949	NA	NA
AMD A6-6400K APU	2282	905	43.49	\$52.50
AMD A6-6420B APU	2612	Insufficient data	NA	NA
AMD A6-6420K APU	2046	986	29.51	\$69.35*
AMD A6-7000	1626	1161	NA	NA
AMD A6-7310 APU	2634	809	NA	NA
AMD A6-7400K APU	2877	751	44.28	\$64.99
AMD A8 PRO-7150B APU	2850	757	NA	NA
AMD A8 PRO-7600B APU	4725	406	NA	NA
AMD A8-3500M APU	2013	998	51.63	\$39.00
AMD A8-3510MX APU	2420	867	NA	NA
AMD A8-3520M APU	2227	931	NA	NA
AMD A8-3530MX APU	2364	881	NA	NA
AMD A8-3550MX APU	2616	814	NA	NA
AMD A8-3800 APU	3150	689	20.12	\$156.59*
AMD A8-3820 APU	3211	672	26.91	\$119.34*
AMD A8-3850 APU	3536	596	33.67	\$105.04*
AMD A8-3870K APU	3621	573	26.63	\$135.99
AMD A8-4500M APU	2667	797	NA	NA
AMD A8-4555M APU	2128	966	NA	NA
AMD A8-5500 APU	4000	506	21.54	\$185.73
AMD A8-5500B APU	3733	553	NA	NA
AMD A8-5545M APU	2565	827	NA	NA
AMD A8-5550M APU	3023	714	NA	NA
AMD A8-5557M APU	2947	735	NA	NA
AMD A8-5600K APU	4331	454	18.89	\$229.30
AMD A8-6410 APU	2516	839	NA	NA
AMD A8-6500 APU	4433	441	29.56	\$150.00*
AMD A8-6500B APU	4471	434	NA	NA
AMD A8-6500T APU	3424	627	NA	NA
AMD A8-6600K APU	4622	414	40.62	\$113.79
AMD A8-7100 APU	2867	754	NA	NA
AMD A8-7200P	3457	620	NA	NA
AMD A8-7410 APU	2594	819	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7600 APU	5194	355	57.72	\$89.99
AMD A8-7650K	5144	363	45.36	\$113.41
AMD A8-7670K	3974	509	44.16	\$89.99
AMD A8-8600P	3411	Insufficient data	NA	NA
AMD A10 Micro-6700T APU	1875	1052	NA	NA
AMD A10 PRO-7350B APU	3371	639	NA	NA
AMD A10 PRO-7800B APU	5313	346	NA	NA
AMD A10 PRO-7850B APU	5630	319	NA	NA
AMD A10-4600M APU	3120	693	NA	NA
AMD A10-4655M APU	2567	825	NA	NA
AMD A10-4657M APU	3449	Insufficient data	NA	NA
AMD A10-5700 APU	4218	472	17.87	\$236.02
AMD A10-5745M APU	2792	773	NA	NA
AMD A10-5750M APU	3380	636	NA	NA
AMD A10-5757M APU	3095	695	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-5800B APU	4612	417	NA	NA
AMD A10-5800K APU	4638	410	51.54	\$89.99
AMD A10-6700 APU	4632	412	12.07	\$383.69*
AMD A10-6700T APU	3748	549	13.75	\$272.51
AMD A10-6790K APU	4613	416	38.12	\$121.00
AMD A10-6800B APU	5022	376	NA	NA
AMD A10-6800K APU	4928	381	39.69	\$124.16
AMD A10-7300 APU	2993	723	NA	NA
AMD A10-7400P	3747	550	NA	NA
AMD A10-7700K APU	5240	351	47.65	\$109.99
AMD A10-7800 APU	5229	352	40.23	\$129.99
AMD A10-7850K APU	5580	324	43.26	\$128.99
AMD A10-7870K	5450	338	38.94	\$139.99
AMD A10-8700P	3624	571	NA	NA
AMD Athlon64 X2 Dual Core 3800+	1002	1456	NA	NA
AMD Athlon64 X2 Dual Core 4200+	1032	1438	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1280	1310	NA	NA
AMD Athlon 4	279	1969	3.00	\$93.35
AMD Athlon 64 2000+	116	Insufficient data	NA	NA
AMD Athlon 64 2200+	575	1658	NA	NA
AMD Athlon 64 2600+	374	Insufficient data	NA	NA
AMD Athlon 64 2800+	435	1772	4.35	\$99.99*
AMD Athlon 64 3000+	463	1742	7.72	\$60.00*
AMD Athlon 64 3200+	494	1709	3.53	\$139.95*
AMD Athlon 64 3300+	576	1657	NA	NA
AMD Athlon 64 3400+	542	1673	NA	NA
AMD Athlon 64 3500+	541	1674	7.23	\$74.95
AMD Athlon 64 3600+	601	1645	NA	NA
AMD Athlon 64 3700+	596	1647	5.97	\$99.95*
AMD Athlon 64 3800+	583	1653	9.73	\$60.00
AMD Athlon 64 4000+	618	1635	3.13	\$197.95
AMD Athlon 64 FX-25	794	1563	NA	NA
AMD Athlon 64 FX-34	380	1837	NA	NA
AMD Athlon 64 FX-51	437	1769	NA	NA
AMD Athlon 64 FX-53	646	1623	NA	NA
AMD Athlon 64 FX-55	741	1580	1.22	\$608.95*
AMD Athlon 64 FX-57	730	1583	NA	NA
AMD Athlon 64 FX-59	715	Insufficient data	NA	NA
AMD Athlon 64 FX-60 Dual Core	1314	1292	NA	NA
AMD Athlon 64 FX-62 Dual Core	1539	1192	NA	NA
AMD Athlon 64 FX-72	1794	1077	NA	NA
AMD Athlon 64 FX-74	1495	1205	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	1479	NA	NA
AMD Athlon 64 X2 4200+	1285	1306	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1261	3.90	\$349.95*

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 3400+	1003	1455	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	973	1470	16.22	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1005	1453	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1037	1435	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 4200+	1101	1400	25.62	\$43.00
AMD Athlon 64 X2 Dual Core 4400+	1149	1377	7.19	\$159.95*
AMD Athlon 64 X2 Dual Core 4600+	1223	1341	29.84	\$41.00
AMD Athlon 64 X2 Dual Core 4800+	1279	1311	8.00	\$159.95
AMD Athlon 64 X2 Dual Core 5000+	1321	1288	3.99	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1391	1251	23.20	\$60.00*
AMD Athlon 64 X2 Dual Core 5400+	1442	1232	27.22	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1475	1212	9.84	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1547	1190	17.19	\$90.00*
AMD Athlon 64 X2 Dual Core 6000+	1615	1163	34.39	\$46.98
AMD Athlon 64 X2 Dual Core 6400+	1786	1081	NA	NA
AMD Athlon 64 X2 Dual Core BE-230	1095	1404	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	1412	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	1431	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	848	1541	24.28	\$34.95*
AMD Athlon 64 X2 Dual Core TK-55	854	1537	14.80	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	1472	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	871	1528	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	804	1558	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	888	1520	16.89	\$52.59*
AMD Athlon 64 X2 Dual-Core TK-57	923	1502	NA	NA
AMD Athlon 64 X2 QL-60	918	1505	NA	NA
AMD Athlon 64 X2 QL-62	1014	1449	NA	NA
AMD Athlon 64 X2 QL-64	978	1467	NA	NA
AMD Athlon 64 X2 QL-65	1035	1437	NA	NA
AMD Athlon 64 X2 QL-66	938	1489	NA	NA
AMD Athlon 64 X2 QL-67	1144	1384	NA	NA
AMD Athlon 64 X2 TK-55	955	1483	NA	NA
AMD Athlon 64 X2 TK-57	988	1463	NA	NA
AMD Athlon 1500+	294	1935	NA	NA
AMD Athlon 1640B	674	1611	13.48	\$50.00*
AMD Athlon 1700+	349	1873	NA	NA
AMD Athlon 2000+	390	1828	NA	NA
AMD Athlon 2100+	412	1792	NA	NA
AMD Athlon 2200+	363	1857	4.04	\$89.95*
AMD Athlon 2400+	462	1743	NA	NA
AMD Athlon 2500+	374	1842	13.82	\$27.09*
AMD Athlon 2600+	444	1762	4.23	\$104.95
AMD Athlon 2650e	415	1789	21.88	\$19.00*
AMD Athlon 2800+	447	1759	8.96	\$49.99*
AMD Athlon 2850e	497	1706	NA	NA
AMD Athlon 3100+	485	1717	NA	NA
AMD Athlon 3200+	458	1748	3.73	\$122.71*
AMD Athlon 5000 Dual-Core	1230	1339	24.60	\$50.00*
AMD Athlon 5150 APU with Radeon R3	2052	983	50.07	\$40.99
AMD Athlon 5200 Dual-Core	1229	1340	22.41	\$54.87*
AMD Athlon 5350 APU with Radeon R3	2589	821	51.80	\$49.99
AMD Athlon 7450 Dual-Core	1450	1227	NA	NA
AMD Athlon 7550 Dual-Core	1449	1229	24.16	\$60.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 7750 Dual-Core	1574	1181	17.50	\$89.99*
AMD Athlon 7850 Dual-Core	1701	1118	6.55	\$259.95*
AMD Athlon 7850 Dual-Core 2.8G	288	1954	NA	NA
AMD Athlon Dual Core 4050e	1106	1397	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 4450B	1208	1348	71.10	\$17.00*
AMD Athlon Dual Core 4450e	1070	1416	NA	NA
AMD Athlon Dual Core 4850B	1471	1214	NA	NA
AMD Athlon Dual Core 4850e	1325	1287	33.99	\$39.00*
AMD Athlon Dual Core 5000B	1273	1315	13.40	\$95.00*
AMD Athlon Dual Core 5050e	1352	1271	22.54	\$60.00*
AMD Athlon Dual Core 5200B	1340	1279	NA	NA
AMD Athlon Dual Core 5400B	1456	1226	NA	NA
AMD Athlon Dual Core 5600B	1445	1230	NA	NA
AMD Athlon II 160u	552	1668	18.41	\$29.99*
AMD Athlon II 170u	614	1639	30.73	\$19.99*
AMD Athlon II Dual-Core M300	1136	1386	NA	NA
AMD Athlon II Dual-Core M320	1148	1378	38.29	\$30.00*
AMD Athlon II Dual-Core M340	1006	1452	NA	NA
AMD Athlon II N330 Dual-Core	1154	1374	NA	NA
AMD Athlon II N350 Dual-Core	1232	1338	NA	NA
AMD Athlon II N370 Dual-Core	1629	1156	NA	NA
AMD Athlon II Neo K125	465	1740	NA	NA
AMD Athlon II Neo K145	551	1669	NA	NA
AMD Athlon II Neo K325 Dual-Core	780	1565	NA	NA
AMD Athlon II Neo K345 Dual-Core	897	1517	NA	NA
AMD Athlon II Neo N36L Dual-Core	817	1552	NA	NA
AMD Athlon II P320 Dual-Core	1222	1342	76.41	\$16.00
AMD Athlon II P340 Dual-Core	1281	1309	35.62	\$35.99*
AMD Athlon II P360 Dual-Core	1341	1278	63.87	\$21.00
AMD Athlon II X2 210e	1376	1256	NA	NA
AMD Athlon II X2 215	1587	1175	35.27	\$45.00*
AMD Athlon II X2 220	1653	1147	NA	NA
AMD Athlon II X2 225	1526	1195	NA	NA
AMD Athlon II X2 235e	1674	1134	33.50	\$50.00*
AMD Athlon II X2 240	1639	1152	56.53	\$29.00*
AMD Athlon II X2 240e	1730	1103	34.61	\$50.00
AMD Athlon II X2 245	1702	1117	30.96	\$54.99
AMD Athlon II X2 245e	1655	1146	20.70	\$80.00*
AMD Athlon II X2 250	1770	1088	41.17	\$43.00*
AMD Athlon II X2 250e	1855	1056	24.18	\$76.73*
AMD Athlon II X2 250u	1016	1448	22.60	\$45.00*
AMD Athlon II X2 255	1852	1058	30.89	\$59.98*
AMD Athlon II X2 260	1890	1043	21.01	\$89.99*
AMD Athlon II X2 260u	1130	1389	13.55	\$83.44*
AMD Athlon II X2 265	1863	1055	16.95	\$109.99*
AMD Athlon II X2 270	1996	1002	25.93	\$76.99
AMD Athlon II X2 270u	1350	1272	19.96	\$67.67*
AMD Athlon II X2 280	2191	942	21.92	\$99.99*
AMD Athlon II X2 4300e	1464	1220	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 4400e	1651	1148	NA	NA
AMD Athlon II X2 4450e	1532	Insufficient data	NA	NA
AMD Athlon II X2 B22	1660	1143	50.31	\$33.00*
AMD Athlon II X2 B24	1841	1059	42.82	\$43.00
AMD Athlon II X2 B26	1818	1071	49.15	\$37.00
AMD Athlon II X2 B28	2080	978	43.34	\$48.00*
AMD Athlon II X3 400e	2018	995	18.79	\$107.43*
AMD Athlon II X3 405e	2185	945	27.33	\$79.99*
AMD Athlon II X3 415e	2244	919	29.92	\$75.00*
AMD Athlon II X3 420e	2264	913	19.48	\$116.27*
AMD Athlon II X3 425	2356	884	38.64	\$60.99*
AMD Athlon II X3 425e	2239	921	NA	NA
AMD Athlon II X3 435	2493	845	15.59	\$159.95*
AMD Athlon II X3 440	2587	822	51.75	\$49.99*
AMD Athlon II X3 445	2566	826	28.20	\$91.00*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 450	2631	810	33.44	\$78.69*
AMD Athlon II X3 455	2826	765	28.27	\$99.99*
AMD Athlon II X3 460	2909	746	18.19	\$159.95*
AMD Athlon II X4 553	3906	Insufficient data	NA	NA
AMD Athlon II X4 555	3512	605	NA	NA
AMD Athlon II X4 559	3984	507	NA	NA
AMD Athlon II X4 600e	2451	861	18.82	\$130.23*
AMD Athlon II X4 605e	2773	779	27.25	\$101.80*
AMD Athlon II X4 610e	2845	759	33.48	\$84.99*
AMD Athlon II X4 615e	2876	752	19.71	\$145.99*
AMD Athlon II X4 620	2976	729	26.43	\$112.60*
AMD Athlon II X4 620e	2906	748	NA	NA
AMD Athlon II X4 630	3175	684	37.36	\$85.00*
AMD Athlon II X4 631 Quad-Core	3177	683	17.95	\$177.00*
AMD Athlon II X4 635	3298	651	27.49	\$119.99*
AMD Athlon II X4 638 Quad-Core	3257	660	NA	NA
AMD Athlon II X4 640	3355	641	37.35	\$89.85
AMD Athlon II X4 641 Quad-Core	3435	623	51.30	\$66.97*
AMD Athlon II X4 645	3512	606	34.51	\$101.80*
AMD Athlon II X4 650	3516	604	21.11	\$166.60*
AMD Athlon II X4 651 Quad-Core	3612	578	20.29	\$178.04*
AMD Athlon II X4 655	2880	Insufficient data	NA	NA
AMD Athlon II X4 6400e	2594	818	NA	NA
AMD Athlon L110	321	1903	NA	NA
AMD Athlon LE-1600	574	1659	27.38	\$21.00*
AMD Athlon LE-1620	577	1656	32.09	\$18.00*
AMD Athlon LE-1640	629	1631	NA	NA
AMD Athlon LE-1660	720	1588	NA	NA
AMD Athlon MP	230	2025	8.98	\$25.68*
AMD Athlon MP 1700+	339	1886	NA	NA
AMD Athlon MP 2400+	436	1770	NA	NA
AMD Athlon MP 2800+	497	1707	NA	NA
AMD Athlon Neo MV-40	400	1810	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1028	1442	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Neo X2 Dual Core L325	777	1567	NA	NA
AMD Athlon Neo X2 Dual Core L335	811	1554	NA	NA
AMD Athlon QI-46	473	1733	NA	NA
AMD Athlon TF-20	426	1780	NA	NA
AMD Athlon TF-36	450	1755	NA	NA
AMD Athlon X2 215	1575	1179	NA	NA
AMD Athlon X2 235e	1806	1075	NA	NA
AMD Athlon X2 240	1588	1174	NA	NA
AMD Athlon X2 240e	1670	1135	NA	NA
AMD Athlon X2 250	1734	1101	NA	NA
AMD Athlon X2 255	1627	1158	NA	NA
AMD Athlon X2 260	1910	1030	NA	NA
AMD Athlon X2 280	2303	Insufficient data	13.17	\$174.81*
AMD Athlon X2 340 Dual Core	1839	1062	36.19	\$50.83*
AMD Athlon X2 370K Dual Core	2296	900	NA	NA
AMD Athlon X2 440	1424	1238	NA	NA
AMD Athlon X2 Dual Core 3250e	789	1564	NA	NA
AMD Athlon X2 Dual Core 6850e	889	1518	NA	NA
AMD Athlon X2 Dual Core BE-2300	955	1482	NA	NA
AMD Athlon X2 Dual Core BE-2350	1065	1422	NA	NA
AMD Athlon X2 Dual Core BE-2400	1211	1346	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1329	NA	NA
AMD Athlon X2 Dual Core L310	649	1621	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	1451	NA	NA
AMD Athlon X3 425	2255	916	NA	NA
AMD Athlon X3 435	2461	857	25.78	\$95.49*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X3 440	2256	914	25.65	\$87.99*
AMD Athlon X3 445	2314	895	NA	NA
AMD Athlon X3 450	3064	702	38.80	\$78.99*
AMD Athlon X3 455	2636	808	NA	NA
AMD Athlon X4 605e	2505	841	NA	NA
AMD Athlon X4 620	2906	747	34.61	\$83.99*
AMD Athlon X4 630	3141	691	34.15	\$92.00*
AMD Athlon X4 635	2891	749	23.71	\$121.99*
AMD Athlon X4 640	3461	619	NA	NA
AMD Athlon X4 645	3595	581	NA	NA
AMD Athlon X4 740 Quad Core	3954	511	14.28	\$277.00*
AMD Athlon X4 750 Quad Core	4492	431	NA	NA
AMD Athlon X4 750K Quad Core	4256	468	55.29	\$76.99*
AMD Athlon X4 760K Quad Core	4582	422	40.46	\$113.24*
AMD Athlon X4 840	5081	369	NA	NA
AMD Athlon X4 860K Quad Core	5617	322	80.26	\$69.99
AMD Athlon XP1600+	281	1966	NA	NA
AMD Athlon XP1700+	234	2021	NA	NA
AMD Athlon XP1900+	353	1870	NA	NA
AMD Athlon XP2100+	287	1956	NA	NA
AMD Athlon XP2200+	401	1807	NA	NA
AMD Athlon XP2400+	391	1826	NA	NA
AMD Athlon XP 1500	282	1965	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 1500+	249	2009	NA	NA
AMD Athlon XP 1600+	265	1985	NA	NA
AMD Athlon XP 1700	344	1882	NA	NA
AMD Athlon XP 1700+	271	1981	NA	NA
AMD Athlon XP 1800+	310	1915	5.27	\$58.95*
AMD Athlon XP 1900+	303	1925	NA	NA
AMD Athlon XP 2000+	307	1918	12.32	\$24.99*
AMD Athlon XP 2100+	340	1885	NA	NA
AMD Athlon XP 2200+	326	1896	3.84	\$84.95*
AMD Athlon XP 2300+	464	1741	NA	NA
AMD Athlon XP 2400+	360	1859	4.00	\$89.99*
AMD Athlon XP 2500+	357	1864	NA	NA
AMD Athlon XP 2600+	371	1845	16.14	\$23.03*
AMD Athlon XP 2700+	389	1829	4.59	\$84.79*
AMD Athlon XP 2800+	396	1822	NA	NA
AMD Athlon XP 2900+	459	1747	NA	NA
AMD Athlon XP 3000+	399	1812	5.13	\$78.00*
AMD Athlon XP 3100+	483	1722	NA	NA
AMD Athlon XP 3200+	431	1775	NA	NA
AMD Athlon XP 3400+	570	1662	NA	NA
AMD Athlon XP Pro3+	367	1853	NA	NA
AMD Athlon XP-M	541	1675	9.02	\$60.00*
AMD C-30	328	1892	NA	NA
AMD C-50	467	1739	NA	NA
AMD C-60	460	1746	NA	NA
AMD C-60 APU	549	1670	NA	NA
AMD C-70 APU	567	1665	NA	NA
AMD E1 Micro-6200T APU + AMD Radeon R2 Graphics	960	Insufficient data	NA	NA
AMD E1-1200 APU	682	1608	NA	NA
AMD E1-1500 APU	701	1599	NA	NA
AMD E1-2100 APU	626	1633	NA	NA
AMD E1-2200 APU	767	Insufficient data	NA	NA
AMD E1-2500 APU	874	1524	NA	NA
AMD E1-6010 APU with AMD Radeon R2 Graphics	836	1545	NA	NA
AMD E1-6015 APU	924	1500	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E2-1800 APU	829	1548	NA	NA
AMD E2-2000 APU	848	1540	NA	NA
AMD E2-3000 APU	1090	1408	NA	NA
AMD E2-3000M APU	1106	1396	55.33	\$20.00*
AMD E2-3200 APU	1485	1208	NA	NA
AMD E2-3800 APU	1635	1154	NA	NA
AMD E2-6110 APU with AMD Radeon R2 Graphics	1874	1053	NA	NA
AMD E-240	331	1891	NA	NA
AMD E-300 APU	619	1634	NA	NA
AMD E-350	756	1575	NA	NA
AMD E-350 APU	690	1604	NA	NA
AMD E-350D APU	718	1591	NA	NA
AMD E-450 APU	775	1568	NA	NA
AMD FX-670K Quad-Core	4442	440	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-770K Quad-Core	5124	364	NA	NA
AMD FX-4100 Quad-Core	4038	495	12.88	\$313.49*
AMD FX-4130 Quad-Core	4149	482	54.61	\$75.99
AMD FX-4150 Quad-Core	4548	425	NA	NA
AMD FX-4170 Quad-Core	4816	395	33.54	\$143.61*
AMD FX-4200 Quad-Core	4179	478	19.45	\$214.89
AMD FX-4300 Quad-Core	4636	411	50.40	\$91.99
AMD FX-4350 Quad-Core	5208	354	61.28	\$84.99
AMD FX-6100 Six-Core	5402	343	25.44	\$212.38*
AMD FX-6120 Six-Core	5766	307	NA	NA
AMD FX-6130 Six-Core	6215	273	NA	NA
AMD FX-6200 Six-Core	6108	279	50.48	\$121.00
AMD FX-6300 Six-Core	6343	266	60.42	\$104.99
AMD FX-6350 Six-Core	6992	229	55.52	\$125.95
AMD FX-7500 APU	3238	666	NA	NA
AMD FX-7600P	4089	489	NA	NA
AMD FX-7600P APU with AMD Radeon R7 Graphics	4627	Insufficient data	NA	NA
AMD FX-8100 Eight-Core	6085	284	42.85	\$142.00*
AMD FX-8120 Eight-Core	6575	252	37.97	\$173.18*
AMD FX-8140 Eight-Core	5449	339	NA	NA
AMD FX-8150 Eight-Core	7646	189	12.12	\$630.64
AMD FX-8300 Eight-Core	7629	193	NA	NA
AMD FX-8310 Eight-Core	7706	188	NA	NA
AMD FX-8320 Eight-Core	8031	171	55.39	\$144.99
AMD FX-8320E Eight-Core	7416	204	50.46	\$146.99
AMD FX-8350 Eight-Core	8973	132	53.38	\$168.12
AMD FX-8370 Eight-Core	9000	131	45.01	\$199.99
AMD FX-8370E Eight-Core	7821	183	36.21	\$215.99
AMD FX-8800P	3940	518	NA	NA
AMD FX-9370 Eight-Core	9531	100	45.61	\$209.00
AMD FX-9590 Eight-Core	10276	65	44.68	\$229.99
AMD FX-B4150 Quad-Core	4412	Insufficient data	NA	NA
AMD G-T40E	482	1725	NA	NA
AMD G-T40N	516	1692	NA	NA
AMD G-T44R	227	2026	NA	NA
AMD G-T48E	716	1592	NA	NA
AMD G-T52R	303	1928	NA	NA
AMD G-T56E	751	1576	NA	NA
AMD G-T56N	802	1559	NA	NA
AMD Geode NX	264	1986	NA	NA
AMD Geode NX 1750	291	1941	NA	NA
AMD GX-210JA SOC	401	Insufficient data	NA	NA
AMD GX-217GA SOC	996	1458	NA	NA
AMD GX-412HC	1462	1224	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD GX-415GA SOC	2012	999	NA	NA
AMD GX-420CA SOC	2344	889	NA	NA
AMD GX-424CC SOC with Radeon R5E Graphics	2360	882	NA	NA
AMD K7	403	1802	NA	NA
AMD Opteron 140	396	1821	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 142	428	1779	NA	NA
AMD Opteron 144	511	1698	7.87	\$65.00*
AMD Opteron 146	532	1682	8.87	\$59.99*
AMD Opteron 148	603	1644	NA	NA
AMD Opteron 150	604	1642	NA	NA
AMD Opteron 152	658	1616	NA	NA
AMD Opteron 154	703	1598	NA	NA
AMD Opteron 165	905	1513	1.16	\$778.44*
AMD Opteron 170	1050	1428	NA	NA
AMD Opteron 175	1194	1355	NA	NA
AMD Opteron 180	1243	1332	10.37	\$120.00*
AMD Opteron 185	1359	1267	NA	NA
AMD Opteron 246	632	1630	5.80	\$108.95
AMD Opteron 248	476	1730	NA	NA
AMD Opteron 250	649	1620	7.49	\$86.67*
AMD Opteron 252	760	1572	18.10	\$41.99*
AMD Opteron 254	693	Insufficient data	NA	NA
AMD Opteron 256	963	1476	NA	NA
AMD Opteron 265	963	1477	6.02	\$159.95
AMD Opteron 270	1083	1411	1.78	\$609.96*
AMD Opteron 275	1291	1303	11.85	\$108.95
AMD Opteron 280	1369	1259	15.45	\$88.66
AMD Opteron 285	1470	1216	NA	NA
AMD Opteron 290	1464	1219	10.85	\$135.00*
AMD Opteron 1210	923	1501	NA	NA
AMD Opteron 1210 HE	971	1471	NA	NA
AMD Opteron 1212	1026	1443	NA	NA
AMD Opteron 1212 HE	1308	1298	NA	NA
AMD Opteron 1214	1276	1312	NA	NA
AMD Opteron 1216	1392	1250	31.52	\$44.18
AMD Opteron 1216 HE	1172	1364	NA	NA
AMD Opteron 1218	1468	1218	NA	NA
AMD Opteron 1218 HE	1444	1231	NA	NA
AMD Opteron 1220	1658	1145	NA	NA
AMD Opteron 1222	1740	1098	NA	NA
AMD Opteron 1352	2647	801	19.47	\$135.99*
AMD Opteron 1354	2622	812	8.46	\$309.97*
AMD Opteron 1356	2647	802	29.42	\$89.99*
AMD Opteron 1381	3065	701	NA	NA
AMD Opteron 2212	1270	1317	7.94	\$159.95*
AMD Opteron 2214	1358	1268	3.02	\$449.30*
AMD Opteron 2214 HE	1415	1241	NA	NA
AMD Opteron 2216	1518	1198	101.20	\$15.00*
AMD Opteron 2218	1574	1180	1.84	\$855.72*
AMD Opteron 2220	1677	1133	19.29	\$87.00*
AMD Opteron 2220 SE	1609	1166	NA	NA
AMD Opteron 2224 SE	1919	1026	NA	NA
AMD Opteron 2350	2820	766	10.45	\$269.99*
AMD Opteron 2356	2814	768	50.35	\$55.89*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2374 HE	2951	734	15.53	\$189.99*
AMD Opteron 2376	2283	904	NA	NA
AMD Opteron 2378	3179	682	17.76	\$179.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2380	2640	806	139.00	\$19.00
AMD Opteron 2384	3538	Insufficient data	NA	NA
AMD Opteron 2386 SE	3538	594	NA	NA
AMD Opteron 2393 SE	2246	Insufficient data	NA	NA
AMD Opteron 2427	3069	Insufficient data	19.04	\$161.23*
AMD Opteron 2431	4516	Insufficient data	10.86	\$415.88
AMD Opteron 2435	4708	Insufficient data	39.11	\$120.40*
AMD Opteron 3260 HE	3259	Insufficient data	NA	NA
AMD Opteron 3280	5271	348	19.30	\$273.18*
AMD Opteron 3350 HE	4009	502	NA	NA
AMD Opteron 3365	5499	330	NA	NA
AMD Opteron 3380	6384	264	NA	NA
AMD Opteron 4122	2942	736	11.32	\$259.95
AMD Opteron 4162 EE	3166	Insufficient data	NA	NA
AMD Opteron 4280	6430	Insufficient data	14.09	\$456.44*
AMD Opteron 6128	4742	401	13.79	\$343.96
AMD Opteron 6134	2938	737	3.92	\$750.00*
AMD Opteron 6164 HE	5351	Insufficient data	NA	NA
AMD Opteron 6174	6097	Insufficient data	39.34	\$155.00
AMD Opteron 6212	5776	Insufficient data	6.98	\$827.38
AMD Opteron 6234	5979	289	14.95	\$399.99*
AMD Opteron 6238	7316	Insufficient data	6.72	\$1,088.11*
AMD Opteron 6272	6759	243	19.84	\$340.75
AMD Opteron 6274	4865	Insufficient data	5.56	\$874.95
AMD Opteron 6276	8932	Insufficient data	40.70	\$219.48
AMD Opteron 6282 SE	9116	124	8.36	\$1,089.99*
AMD Opteron 6287 SE	9595	Insufficient data	NA	NA
AMD Opteron 6328	8132	Insufficient data	13.16	\$617.94
AMD Opteron 6366 HE	7503	Insufficient data	NA	NA
AMD Opteron 6376	8442	Insufficient data	12.06	\$699.99
AMD Opteron 6378	2152	Insufficient data	2.59	\$829.99
AMD Opteron 6380	10082	72	9.07	\$1,110.99
AMD Opteron 8354	2255	915	118.71	\$19.00
AMD Phenom 2 X4 12000	3005	719	NA	NA
AMD Phenom 7950 Quad-Core	2991	724	NA	NA
AMD Phenom 8250 Triple-Core	1665	1139	NA	NA
AMD Phenom 8250e Triple-Core	1579	1176	33.60	\$46.99*
AMD Phenom 8400 Triple-Core	1682	1131	NA	NA
AMD Phenom 8450 Triple-Core	1886	1046	37.01	\$50.99*
AMD Phenom 8450e Triple-Core	2020	993	NA	NA
AMD Phenom 8600 Triple-Core	1698	1120	32.06	\$52.99*
AMD Phenom 8600B Triple-Core	1926	1023	36.36	\$52.99*
AMD Phenom 8650 Triple-Core	2018	994	40.38	\$49.99*
AMD Phenom 8750 Triple-Core	2135	962	NA	NA
AMD Phenom 8750B Triple-Core	2129	965	NA	NA
AMD Phenom 8850 Triple-Core	2237	924	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8850B Triple-Core	2080	977	NA	NA
AMD Phenom 9100e Quad-Core	1882	1048	10.47	\$179.81*
AMD Phenom 9150e Quad-Core	2134	963	NA	NA
AMD Phenom 9350e Quad-Core	2357	883	12.09	\$194.99*
AMD Phenom 9450e Quad-Core	2644	804	25.19	\$105.00*
AMD Phenom 9500 Quad-Core	2229	928	24.78	\$89.96*
AMD Phenom 9550 Quad-Core	2561	828	25.62	\$99.97*
AMD Phenom 9600 Quad-Core	2319	893	16.57	\$140.00*
AMD Phenom 9600B Quad-Core	2607	815	17.71	\$147.19*
AMD Phenom 9650 Quad-Core	2664	798	24.22	\$110.00*
AMD Phenom 9750 Quad-Core	2839	761	25.81	\$109.99*
AMD Phenom 9750B Quad-Core	2790	774	NA	NA
AMD Phenom 9850 Quad-Core	2919	743	58.39	\$50.00*
AMD Phenom 9850B Quad-Core	3229	669	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9950 Quad-Core	3053	704	19.45	\$156.99*
AMD Phenom FX-5000 Quad-Core	2551	831	NA	NA
AMD Phenom FX-5200 Quad-Core	2953	733	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	577	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	612	NA	NA
AMD Phenom II N620 Dual-Core	1709	1112	42.89	\$39.86*
AMD Phenom II N640 Dual-Core	1651	1149	NA	NA
AMD Phenom II N660 Dual-Core	1853	1057	20.83	\$89.00*
AMD Phenom II N830 3+1	2703	Insufficient data	NA	NA
AMD Phenom II N830 Triple-Core	1901	1032	NA	NA
AMD Phenom II N850 Triple-Core	1984	1006	79.40	\$25.00*
AMD Phenom II N870 Triple-Core	1984	1007	NA	NA
AMD Phenom II N930 Quad-Core	2274	907	22.98	\$99.00*
AMD Phenom II N950 Quad-Core	2482	850	22.05	\$112.60*
AMD Phenom II N970 Quad-Core	2528	834	16.86	\$149.99*
AMD Phenom II P650 Dual-Core	1604	1168	45.85	\$35.00*
AMD Phenom II P820 Triple-Core	1547	1189	NA	NA
AMD Phenom II P840 Triple-Core	1722	1108	NA	NA
AMD Phenom II P860 Triple-Core	1729	1104	NA	NA
AMD Phenom II P920 Quad-Core	1909	1031	106.07	\$18.00*
AMD Phenom II P940 Quad-Core	1782	1084	NA	NA
AMD Phenom II P960 Quad-Core	2105	973	75.20	\$28.00*
AMD Phenom II X2 511	2103	974	NA	NA
AMD Phenom II X2 521	2145	955	NA	NA
AMD Phenom II X2 545	1891	1042	19.70	\$95.99*
AMD Phenom II X2 550	2054	982	20.55	\$99.99*
AMD Phenom II X2 555	2079	979	6.93	\$299.95*
AMD Phenom II X2 560	2151	953	19.44	\$110.69*
AMD Phenom II X2 565	2201	939	35.51	\$61.99
AMD Phenom II X2 B53	1578	1177	NA	NA
AMD Phenom II X2 B55	1882	1049	39.21	\$48.00*
AMD Phenom II X2 B57	2040	988	NA	NA
AMD Phenom II X2 B59	2138	960	NA	NA
AMD Phenom II X3 700e	2232	926	NA	NA
AMD Phenom II X3 705e	2266	912	14.88	\$152.34*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 710	2466	855	29.18	\$84.53*
AMD Phenom II X3 715	2649	800	31.17	\$84.99*
AMD Phenom II X3 720	2708	790	36.12	\$74.99*
AMD Phenom II X3 740	3043	711	34.20	\$88.99*
AMD Phenom II X3 B73	2752	783	36.71	\$75.00*
AMD Phenom II X3 B75	3158	687	NA	NA
AMD Phenom II X3 B77	3276	654	NA	NA
AMD Phenom II X4 805	3000	722	17.24	\$173.99*
AMD Phenom II X4 810	3196	677	27.56	\$115.99*
AMD Phenom II X4 820	3443	621	38.26	\$89.99*
AMD Phenom II X4 830	3560	590	54.79	\$64.98
AMD Phenom II X4 840	3564	587	22.28	\$160.00*
AMD Phenom II X4 840T	3638	568	NA	NA
AMD Phenom II X4 850	3576	585	32.08	\$111.49*
AMD Phenom II X4 900e	2981	728	NA	NA
AMD Phenom II X4 905e	3050	706	15.69	\$194.46*
AMD Phenom II X4 910	3324	645	33.25	\$100.00*
AMD Phenom II X4 910e	3381	635	21.54	\$156.99*
AMD Phenom II X4 920	3475	615	24.83	\$140.00*
AMD Phenom II X4 925	3493	610	21.83	\$159.99*
AMD Phenom II X4 940	3646	566	34.73	\$104.99*
AMD Phenom II X4 945	3726	555	27.60	\$135.00*
AMD Phenom II X4 955	4015	500	33.46	\$119.99*
AMD Phenom II X4 960T	3873	527	19.37	\$200.00*
AMD Phenom II X4 965	4261	467	29.39	\$145.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 970	4428	443	35.43	\$124.99*
AMD Phenom II X4 973	3777	539	NA	NA
AMD Phenom II X4 975	4596	420	35.36	\$129.99*
AMD Phenom II X4 980	4620	415	33.82	\$136.64*
AMD Phenom II X4 8700e	2377	876	NA	NA
AMD Phenom II X4 B05e	2781	776	NA	NA
AMD Phenom II X4 B15e	2736	787	NA	NA
AMD Phenom II X4 B25	3525	598	NA	NA
AMD Phenom II X4 B35	3519	602	NA	NA
AMD Phenom II X4 B40	3377	638	NA	NA
AMD Phenom II X4 B45	3568	586	NA	NA
AMD Phenom II X4 B50	3756	545	NA	NA
AMD Phenom II X4 B55	3921	522	NA	NA
AMD Phenom II X4 B60	4153	481	NA	NA
AMD Phenom II X4 B65	4236	469	NA	NA
AMD Phenom II X4 B93	3422	629	NA	NA
AMD Phenom II X4 B95	3827	533	17.01	\$225.00*
AMD Phenom II X4 B97	4019	498	NA	NA
AMD Phenom II X4 B99	4206	476	NA	NA
AMD Phenom II X6 1035T	4757	399	25.17	\$189.00*
AMD Phenom II X6 1045T	4898	384	27.68	\$177.00*
AMD Phenom II X6 1055T	5062	371	27.37	\$185.00*
AMD Phenom II X6 1065T	5146	362	NA	NA
AMD Phenom II X6 1075T	5436	340	20.91	\$259.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1090T	5690	312	12.94	\$439.81*
AMD Phenom II X6 1100T	5867	302	14.82	\$395.99*
AMD Phenom II X620 Dual-Core	2189	944	NA	NA
AMD Phenom II X640 Dual-Core	2021	992	NA	NA
AMD Phenom II X920 Quad-Core	2752	784	NA	NA
AMD Phenom II X940 Quad-Core	2695	Insufficient data	NA	NA
AMD Phenom Ultra X4 24500	3945	516	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1122	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	938	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1361	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1234	NA	NA
AMD Phenom X3 8550	1916	1027	NA	NA
AMD Phenom X4 Quad-Core GP-9500	1710	1111	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2281	906	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	789	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	793	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1344	NA	NA
AMD R-460L APU	1499	Insufficient data	NA	NA
AMD R-464L APU	3019	716	NA	NA
AMD RX-427BB	4022	497	NA	NA
AMD Sempron 130	673	1612	26.93	\$24.99*
AMD Sempron 140	743	1579	12.69	\$58.60*
AMD Sempron 145	802	1560	16.44	\$48.80
AMD Sempron 150	650	1618	8.95	\$72.64*
AMD Sempron 200U	267	1983	3.08	\$87.00*
AMD Sempron 210U	370	1846	NA	NA
AMD Sempron 2100+	392	1825	NA	NA
AMD Sempron 2200+	286	1957	9.56	\$29.99*
AMD Sempron 2300+	318	1907	NA	NA
AMD Sempron 2400+	311	1913	11.78	\$26.48
AMD Sempron 2500+	349	1872	4.38	\$79.95
AMD Sempron 2600+	376	1841	6.72	\$55.99
AMD Sempron 2650 APU with Radeon R3	863	1534	27.86	\$30.99
AMD Sempron 2800+	386	1831	9.38	\$41.19
AMD Sempron 3000+	407	1798	7.54	\$54.00
AMD Sempron 3100+	451	1753	7.52	\$60.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 3200+	407	1797	15.69	\$25.99
AMD Sempron 3300+	484	1720	16.16	\$30.00
AMD Sempron 3400+	447	1760	29.81	\$15.00
AMD Sempron 3500+	402	1806	NA	NA
AMD Sempron 3600+	455	1750	32.56	\$14.00
AMD Sempron 3800+	482	1723	3.99	\$121.00
AMD Sempron 3850 APU with Radeon R3	1706	1114	48.77	\$34.99
AMD Sempron Dual Core 2100	869	1530	22.29	\$39.00*
AMD Sempron Dual Core 2200	933	1493	NA	NA
AMD Sempron Dual Core 2300	948	1486	22.59	\$41.99*
AMD Sempron Dual Core 4700	948	1485	NA	NA
AMD Sempron Dual Core 4900	1081	1413	NA	NA
AMD Sempron LE-250	490	1713	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron LE-1100	432	1774	NA	NA
AMD Sempron LE-1150	444	1761	NA	NA
AMD Sempron LE-1200	524	1685	NA	NA
AMD Sempron LE-1250	539	1676	18.61	\$28.99*
AMD Sempron LE-1300	616	1636	47.39	\$13.00
AMD Sempron LE-1600	535	1679	NA	NA
AMD Sempron LE-1620	635	1629	NA	NA
AMD Sempron LE-1640	759	1573	NA	NA
AMD Sempron M100	572	1660	38.20	\$15.00
AMD Sempron M120	569	1663	NA	NA
AMD Sempron SI-40	467	1737	33.38	\$14.00
AMD Sempron SI-42	449	1757	32.09	\$14.00
AMD Sempron X2 180	1252	1327	18.05	\$69.40*
AMD Sempron X2 190	1566	1183	18.77	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	Insufficient data	NA	NA
AMD Turion 64 Mobile MK-36	467	1738	NA	NA
AMD Turion 64 Mobile MK-38	504	1701	NA	NA
AMD Turion 64 Mobile ML-28	390	1827	NA	NA
AMD Turion 64 Mobile ML-30	397	1820	NA	NA
AMD Turion 64 Mobile ML-32	401	1808	NA	NA
AMD Turion 64 Mobile ML-34	431	1776	NA	NA
AMD Turion 64 Mobile ML-37	453	1752	2.31	\$196.50*
AMD Turion 64 Mobile ML-40	524	1684	NA	NA
AMD Turion 64 Mobile ML-42	615	1637	NA	NA
AMD Turion 64 Mobile ML-44	591	1649	NA	NA
AMD Turion 64 Mobile MT-28	419	1783	NA	NA
AMD Turion 64 Mobile MT-30	401	1809	NA	NA
AMD Turion 64 Mobile MT-32	424	1781	NA	NA
AMD Turion 64 Mobile MT-34	414	1790	NA	NA
AMD Turion 64 Mobile MT-37	484	1719	NA	NA
AMD Turion 64 Mobile MT-40	536	1678	NA	NA
AMD Turion 64 X2 Mobile TL-50	744	1578	41.49	\$17.95*
AMD Turion 64 X2 Mobile TL-52	757	1574	NA	NA
AMD Turion 64 X2 Mobile TL-56	883	1521	3.84	\$230.00*
AMD Turion 64 X2 Mobile TL-58	956	1481	NA	NA
AMD Turion 64 X2 Mobile TL-60	983	1464	36.43	\$26.99*
AMD Turion 64 X2 Mobile TL-62	1086	1410	3.49	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1114	1395	28.31	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1094	1405	2.90	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1146	1383	12.74	\$90.00*
AMD Turion Dual-Core RM-70	905	1514	64.68	\$14.00*
AMD Turion Dual-Core RM-72	806	1557	21.22	\$38.00*
AMD Turion Dual-Core RM-74	1016	Insufficient data	NA	NA
AMD Turion Dual-Core RM-75	889	1519	80.89	\$10.99
AMD Turion II Dual-Core Mobile M500	1317	1290	NA	NA
AMD Turion II Dual-Core Mobile M520	1336	1280	18.63	\$71.73
AMD Turion II Dual-Core Mobile M540	1295	1302	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II N530 Dual-Core	1569	1182	52.32	\$30.00*
AMD Turion II N550 Dual-Core	1521	1197	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II Neo K625 Dual-Core	973	1469	NA	NA
AMD Turion II Neo K685 Dual-Core	1158	1368	NA	NA
AMD Turion II Neo N40L Dual-Core	916	1507	NA	NA
AMD Turion II Neo N54L Dual-Core	1390	1254	NA	NA
AMD Turion II P520 Dual-Core	1349	1273	NA	NA
AMD Turion II P540 Dual-Core	1463	1222	54.19	\$27.00*
AMD Turion II P560 Dual-Core	1515	1199	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1412	1243	56.48	\$25.00*
AMD Turion II Ultra Dual-Core Mobile M620	1432	1236	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1660	1142	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1526	1196	NA	NA
AMD Turion Neo X2 Dual Core L625	872	1526	NA	NA
AMD Turion X2 Dual Core L510	871	1527	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	958	1480	7.23	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1047	1429	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	989	1462	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1098	1402	4.90	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1069	1418	35.72	\$29.95*
AMD Turion X2 Dual-Core Mobile RM-75	1148	1380	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1210	1347	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1014	1450	56.35	\$18.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1104	1398	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1200	1352	48.15	\$24.94*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1214	1343	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1206	1349	38.93	\$31.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1276	1313	31.95	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	982	1465	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1066	1421	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	Insufficient data	NA	NA
AMD V105	274	1977	NA	NA
AMD V120	640	1627	NA	NA
AMD V140	647	1622	49.84	\$13.00*
AMD V160	694	1603	NA	NA
AMD Z-01	523	1686	NA	NA
AMD Z-60 APU	555	1667	NA	NA
AMD-K6 3D	90	2098	NA	NA
AMD-K6-III	108	2095	NA	NA
AMD-K7	403	1804	NA	NA
Athlon 64 Dual Core 3800+	1234	Insufficient data	NA	NA
Athlon 64 Dual Core 4200+	1156	1371	NA	NA
Athlon 64 Dual Core 4800+	1370	1258	NA	NA
Athlon 64 Dual Core 5000+	1482	1209	NA	NA
Athlon 64 Dual Core 5400+	1614	1164	NA	NA
Athlon 64 Dual Core 5600+	1548	1188	NA	NA
Athlon Dual Core 4050e	914	1509	NA	NA
Athlon Dual Core 4450e	1081	1414	NA	NA
Athlon Dual Core 4850e	1327	1286	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	763	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1092	1407	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Celeron Dual-Core T3100 @ 1.90GHz	1168	1365	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1254	1325	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1319	1289	NA	NA
HP Hexa-Core 2.0GHz	1964	1012	NA	NA
Intel 1300 @ 1.66GHz	857	1536	NA	NA
Intel 1400 @ 1.83GHz	980	1466	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel 1500 @ 2.00GHz	1024	1444	NA	NA
Intel Atom 230 @ 1.60GHz	289	1948	NA	NA
Intel Atom 330 @ 1.60GHz	596	1646	NA	NA
Intel Atom C2338 @ 1.74GHz	893	Insufficient data	NA	NA
Intel Atom C2550 @ 2.40GHz	2329	Insufficient data	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	Insufficient data	NA	NA
Intel Atom C2750 @ 2.40GHz	3929	520	NA	NA
Intel Atom C2750 @ 2.41GHz	3560	589	NA	NA
Intel Atom C2758 @ 2.40GHz	3620	575	NA	NA
Intel Atom D410 @ 1.66GHz	310	1914	<b>0.49</b>	<b>\$635.99*</b>
Intel Atom D425 @ 1.80GHz	346	1879	NA	NA
Intel Atom D510 @ 1.66GHz	670	1613	NA	NA
Intel Atom D525 @ 1.80GHz	695	1602	NA	NA
Intel Atom D2500 @ 1.86GHz	399	1813	NA	NA
Intel Atom D2550 @ 1.86GHz	659	1615	NA	NA
Intel Atom D2560 @ 2.00GHz	711	Insufficient data	NA	NA
Intel Atom D2700 @ 2.13GHz	851	1539	NA	NA
Intel Atom D2701 @ 2.13GHz	699	1600	NA	NA
Intel Atom E660 @ 1.30GHz	271	1980	<b>5.03</b>	<b>\$54.00*</b>
Intel Atom E680 @ 1.60GHz	346	1877	NA	NA
Intel Atom E3815 @ 1.46GHz	362	1858	NA	NA
Intel Atom E3825 @ 1.33GHz	520	1688	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	1367	NA	NA
Intel Atom E3845 @ 1.91GHz	1435	1235	NA	NA
Intel Atom K510 @ 1.66GHz	658	1617	NA	NA
Intel Atom N270 @ 1.60GHz	276	1973	NA	NA
Intel Atom N280 @ 1.66GHz	288	1952	NA	NA
Intel Atom N435 @ 1.33GHz	235	2020	NA	NA
Intel Atom N450 @ 1.66GHz	291	1939	NA	NA
Intel Atom N455 @ 1.66GHz	291	1940	NA	NA
Intel Atom N470 @ 1.83GHz	305	1922	NA	NA
Intel Atom N475 @ 1.83GHz	325	1897	NA	NA
Intel Atom N550 @ 1.50GHz	516	1693	<b>6.01</b>	<b>\$86.00*</b>
Intel Atom N570 @ 1.66GHz	578	1655	<b>6.72</b>	<b>\$86.00*</b>
Intel Atom N2100 @ 1.60GHz	321	1902	NA	NA
Intel Atom N2600 @ 1.60GHz	533	1681	NA	NA
Intel Atom N2800 @ 1.86GHz	636	1628	NA	NA
Intel Atom S1260 @ 2.00GHz	916	Insufficient data	<b>14.32</b>	<b>\$64.00*</b>
Intel Atom x7-Z8700 @ 1.60GHz	1992	1004	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2056	<b>4.33</b>	<b>\$45.00*</b>
Intel Atom Z515 @ 1.20GHz	218	2040	NA	NA
Intel Atom Z520 @ 1.33GHz	222	2033	NA	NA
Intel Atom Z530 @ 1.60GHz	281	1968	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	1874	NA	NA
Intel Atom Z550 @ 2.00GHz	381	1834	NA	NA
Intel Atom Z670 @ 1.50GHz	249	2007	NA	NA
Intel Atom Z2760 @ 1.80GHz	569	1664	NA	NA
Intel Atom Z3735D @ 1.33GHz	920	1503	NA	NA
Intel Atom Z3735E @ 1.33GHz	907	1512	<b>43.23</b>	<b>\$21.00*</b>
Intel Atom Z3735F @ 1.33GHz	904	1515	<b>6.03</b>	<b>\$149.99</b>
Intel Atom Z3735G @ 1.33GHz	936	1491	NA	NA
Intel Atom Z3736F @ 1.33GHz	929	1496	NA	NA
Intel Atom Z3740 @ 1.33GHz	1068	1419	NA	NA
Intel Atom Z3740D @ 1.33GHz	1039	1434	NA	NA
Intel Atom Z3745 @ 1.33GHz	1118	1394	NA	NA
Intel Atom Z3745D @ 1.33GHz	1051	1427	NA	NA
Intel Atom Z3770 @ 1.46GHz	1272	1316	NA	NA
Intel Atom Z3770D @ 1.49GHz	805	Insufficient data	NA	NA
Intel Atom Z3775 @ 1.46GHz	1328	1285	<b>37.97</b>	<b>\$35.00*</b>
Intel Atom Z3775D @ 1.49GHz	1235	1337	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3795 @ 1.60GHz	1684	1128	NA	NA
Intel Celeron 1.70GHz	130	2091	NA	NA
Intel Celeron 1.80GHz	137	2087	NA	NA
Intel Celeron 2.00GHz	185	2064	NA	NA
Intel Celeron 2.10GHz	244	2014	NA	NA
Intel Celeron 2.13GHz	217	2042	NA	NA
Intel Celeron 2.20GHz	216	2043	NA	NA
Intel Celeron 2.26GHz	226	2029	NA	NA
Intel Celeron 2.30GHz	227	2027	NA	NA
Intel Celeron 2.40GHz	219	2038	NA	NA
Intel Celeron 2.50GHz	253	2000	NA	NA
Intel Celeron 2.53GHz	250	2005	NA	NA
Intel Celeron 2.60GHz	242	2015	NA	NA
Intel Celeron 2.66GHz	254	1997	NA	NA
Intel Celeron 2.70GHz	245	2013	NA	NA
Intel Celeron 2.80GHz	259	1991	NA	NA
Intel Celeron 2.93GHz	283	1962	NA	NA
Intel Celeron 3.06GHz	289	1945	NA	NA
Intel Celeron 3.20GHz	291	1938	NA	NA
Intel Celeron 3.33GHz	358	1861	NA	NA
Intel Celeron 215 @ 1.33GHz	349	1871	NA	NA
Intel Celeron 220 @ 1.20GHz	345	1881	NA	NA
Intel Celeron 420 @ 1.60GHz	454	1751	3.25	\$139.99*
Intel Celeron 430 @ 1.80GHz	491	1711	9.84	\$50.00*
Intel Celeron 440 @ 2.00GHz	527	1683	NA	NA
Intel Celeron 450 @ 2.20GHz	629	1632	NA	NA
Intel Celeron 530 @ 1.73GHz	482	1724	7.20	\$67.00*
Intel Celeron 540 @ 1.86GHz	512	1694	NA	NA
Intel Celeron 550 @ 2.00GHz	485	1718	NA	NA
Intel Celeron 560 @ 2.13GHz	537	1677	8.02	\$67.00*
Intel Celeron 570 @ 2.26GHz	588	1651	NA	NA
Intel Celeron 600MHz	147	2085	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	408	1795	NA	NA
Intel Celeron 743 @ 1.30GHz	409	1794	NA	NA
Intel Celeron 807 @ 1.50GHz	751	Insufficient data	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	1851	NA	NA
Intel Celeron 827E @ 1.40GHz	566	1666	NA	NA
Intel Celeron 847 @ 1.10GHz	954	1484	NA	NA
Intel Celeron 847E @ 1.10GHz	1017	1446	NA	NA
Intel Celeron 857 @ 1.20GHz	1156	1370	NA	NA
Intel Celeron 867 @ 1.30GHz	1202	1351	NA	NA
Intel Celeron 877 @ 1.40GHz	1313	1293	NA	NA
Intel Celeron 887 @ 1.50GHz	1308	1297	NA	NA
Intel Celeron 900 @ 2.20GHz	688	1605	NA	NA
Intel Celeron 925 @ 2.30GHz	680	1609	NA	NA
Intel Celeron 1000M @ 1.80GHz	1682	1130	NA	NA
Intel Celeron 1000MHz	241	2016	NA	NA
Intel Celeron 1005M @ 1.90GHz	1894	1036	NA	NA
Intel Celeron 1007U @ 1.50GHz	1420	1239	NA	NA
Intel Celeron 1017U @ 1.60GHz	1602	1169	NA	NA
Intel Celeron 1019Y @ 1.00GHz	929	1495	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	Insufficient data	NA	NA
Intel Celeron 1037U @ 1.80GHz	1737	1100	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1358	NA	NA
Intel Celeron 1066MHz	259	1992	NA	NA
Intel Celeron 1100MHz	174	2073	NA	NA
Intel Celeron 1133MHz	282	1963	NA	NA
Intel Celeron 1200MHz	263	1989	NA	NA
Intel Celeron 1300MHz	288	1953	NA	NA
Intel Celeron 1333MHz	290	1944	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1400MHz	302	1929	NA	NA
Intel Celeron 2950M @ 2.00GHz	2102	975	NA	NA
Intel Celeron 2955U @ 1.40GHz	1469	1217	NA	NA
Intel Celeron 2957U @ 1.40GHz	1490	1207	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1282	Insufficient data	NA	NA
Intel Celeron 2970M @ 2.20GHz	2416	869	NA	NA
Intel Celeron 2980U @ 1.60GHz	1508	1201	NA	NA
Intel Celeron 3205U @ 1.50GHz	1704	1116	NA	NA
Intel Celeron 3755U @ 1.70GHz	1473	Insufficient data	NA	NA
Intel Celeron @ 1.30GHz	965	Insufficient data	NA	NA
Intel Celeron B710 @ 1.60GHz	186	Insufficient data	NA	NA
Intel Celeron B720 @ 1.70GHz	814	1553	NA	NA
Intel Celeron B800 @ 1.50GHz	1317	1291	NA	NA
Intel Celeron B810 @ 1.60GHz	1342	1276	NA	NA
Intel Celeron B815 @ 1.60GHz	1359	1266	NA	NA
Intel Celeron B820 @ 1.70GHz	1462	1223	NA	NA
Intel Celeron B830 @ 1.80GHz	1530	1194	NA	NA
Intel Celeron B840 @ 1.90GHz	1786	1080	NA	NA
Intel Celeron D 347 @ 3.06GHz	285	1959	NA	NA
Intel Celeron D 352 @ 3.20GHz	307	1919	NA	NA
Intel Celeron D 356 @ 3.33GHz	323	1900	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron D 360 @ 3.46GHz	324	1898	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	1799	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	1726	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	1652	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	1535	19.97	\$42.99*
Intel Celeron E1400 @ 2.00GHz	1032	1439	26.47	\$39.00*
Intel Celeron E1500 @ 2.20GHz	1148	1379	44.19	\$25.99*
Intel Celeron E1600 @ 2.40GHz	1260	1322	NA	NA
Intel Celeron E3200 @ 2.40GHz	1364	1262	26.24	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1361	1263	24.76	\$54.99*
Intel Celeron E3400 @ 2.60GHz	1460	1225	29.21	\$49.99*
Intel Celeron E3500 @ 2.70GHz	1403	1244	14.72	\$95.36*
Intel Celeron G440 @ 1.60GHz	697	1601	13.94	\$49.99*
Intel Celeron G460 @ 1.80GHz	1040	1433	NA	NA
Intel Celeron G465 @ 1.90GHz	1120	1392	28.70	\$39.04*
Intel Celeron G470 @ 2.00GHz	1149	1376	NA	NA
Intel Celeron G530 @ 2.40GHz	2156	951	43.13	\$49.99*
Intel Celeron G530T @ 2.00GHz	1604	Insufficient data	NA	NA
Intel Celeron G540 @ 2.50GHz	2232	925	48.55	\$45.99*
Intel Celeron G540T @ 2.10GHz	2114	971	NA	NA
Intel Celeron G550 @ 2.60GHz	2312	897	46.26	\$49.99*
Intel Celeron G550T @ 2.20GHz	2144	956	NA	NA
Intel Celeron G555 @ 2.70GHz	2479	852	41.33	\$59.99*
Intel Celeron G1101 @ 2.27GHz	1727	1106	20.33	\$85.00*
Intel Celeron G1610 @ 2.60GHz	2520	837	51.44	\$48.99*
Intel Celeron G1610T @ 2.30GHz	2347	887	55.88	\$42.00*
Intel Celeron G1620 @ 2.70GHz	2622	811	33.23	\$78.90
Intel Celeron G1620T @ 2.40GHz	2287	902	54.46	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2520	836	42.02	\$59.99*
Intel Celeron G1820 @ 2.70GHz	2845	760	66.18	\$42.99
Intel Celeron G1820T @ 2.40GHz	2461	856	58.62	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2230	927	NA	NA
Intel Celeron G1830 @ 2.80GHz	2684	794	48.81	\$54.99
Intel Celeron G1840 @ 2.80GHz	2974	730	64.69	\$45.98
Intel Celeron G1840T @ 2.50GHz	2366	880	NA	NA
Intel Celeron G1850 @ 2.90GHz	3046	708	55.41	\$54.99
Intel Celeron J1750 @ 2.41GHz	1048	Insufficient data	NA	NA
Intel Celeron J1800 @ 2.41GHz	1059	1424	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1165	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron J1900 @ 1.99GHz	1885	1047	NA	NA
Intel Celeron M 1.00GHz	247	2011	NA	NA
Intel Celeron M 1.30GHz	320	1904	NA	NA
Intel Celeron M 1.50GHz	346	1878	NA	NA
Intel Celeron M 1.60GHz	370	1848	NA	NA
Intel Celeron M 1.70GHz	397	1818	NA	NA
Intel Celeron M 360 1.40GHz	328	1893	NA	NA
Intel Celeron M 410 @ 1.46GHz	335	1889	NA	NA
Intel Celeron M 420 @ 1.60GHz	348	1875	NA	NA
Intel Celeron M 430 @ 1.73GHz	383	1833	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 440 @ 1.86GHz	398	1816	NA	NA
Intel Celeron M 443 @ 1.20GHz	274	1978	NA	NA
Intel Celeron M 450 @ 2.00GHz	449	1756	NA	NA
Intel Celeron M 520 @ 1.60GHz	429	1777	NA	NA
Intel Celeron M 530 @ 1.73GHz	461	1744	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	1672	NA	NA
Intel Celeron M 600MHz	151	2083	NA	NA
Intel Celeron M 723 @ 1.20GHz	418	1786	NA	NA
Intel Celeron M 900MHz	213	2046	NA	NA
Intel Celeron M 1200MHz	275	1976	NA	NA
Intel Celeron M 1300MHz	305	1923	NA	NA
Intel Celeron M 1500MHz	322	1901	NA	NA
Intel Celeron M ULV 800MHz	184	2067	NA	NA
Intel Celeron N2805 @ 1.46GHz	448	1758	NA	NA
Intel Celeron N2806 @ 1.60GHz	762	1571	NA	NA
Intel Celeron N2807 @ 1.58GHz	909	1511	NA	NA
Intel Celeron N2808 @ 1.58GHz	928	1498	NA	NA
Intel Celeron N2810 @ 2.00GHz	818	1551	NA	NA
Intel Celeron N2815 @ 1.86GHz	875	1523	NA	NA
Intel Celeron N2820 @ 2.13GHz	992	1461	NA	NA
Intel Celeron N2830 @ 2.16GHz	999	1457	NA	NA
Intel Celeron N2840 @ 2.16GHz	1068	1420	NA	NA
Intel Celeron N2910 @ 1.60GHz	1243	1333	NA	NA
Intel Celeron N2920 @ 1.86GHz	1543	1191	NA	NA
Intel Celeron N2930 @ 1.83GHz	1650	1150	NA	NA
Intel Celeron N2940 @ 1.83GHz	1814	1072	NA	NA
Intel Celeron N3050 @ 1.60GHz	809	1555	NA	NA
Intel Celeron N3150 @ 1.60GHz	1333	1282	NA	NA
Intel Celeron P4500 @ 1.87GHz	1157	1369	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	1459	NA	NA
Intel Celeron P4600 @ 2.00GHz	1394	1249	NA	NA
Intel Celeron SU2300 @ 1.20GHz	795	1562	NA	NA
Intel Celeron T1600 @ 1.66GHz	925	1499	NA	NA
Intel Celeron T1700 @ 1.83GHz	1058	1425	NA	NA
Intel Celeron U1900 @ 1.99GHz	1704	Insufficient data	NA	NA
Intel Celeron U3400 @ 1.07GHz	735	1582	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	1606	NA	NA
Intel Celeron U3600 @ 1.20GHz	780	1566	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1056	1426	26.41	\$39.99*
Intel Core2 Duo E4400 @ 2.00GHz	1144	1385	10.59	\$108.00*
Intel Core2 Duo E4500 @ 2.20GHz	1276	1314	28.36	\$44.99*
Intel Core2 Duo E4600 @ 2.40GHz	1394	1248	34.88	\$39.99*
Intel Core2 Duo E4700 @ 2.60GHz	1479	1211	14.79	\$100.00*
Intel Core2 Duo E6300 @ 1.86GHz	1123	1391	22.47	\$49.99
Intel Core2 Duo E6320 @ 1.86GHz	1186	1359	NA	NA
Intel Core2 Duo E6400 @ 2.13GHz	1298	1299	22.78	\$56.99*
Intel Core2 Duo E6420 @ 2.13GHz	1379	1255	NA	NA
Intel Core2 Duo E6540 @ 2.33GHz	1464	1221	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1502	1203	41.74	\$35.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6600 @ 2.40GHz	1562	1184	19.53	\$79.99*
Intel Core2 Duo E6700 @ 2.66GHz	1714	1110	5.91	\$289.99*
Intel Core2 Duo E6750 @ 2.66GHz	1729	1105	35.29	\$48.99*
Intel Core2 Duo E6850 @ 3.00GHz	1975	1009	9.88	\$199.95*
Intel Core2 Duo E7200 @ 2.53GHz	1661	1140	8.75	\$189.95*
Intel Core2 Duo E7300 @ 2.66GHz	1744	1097	NA	NA
Intel Core2 Duo E7400 @ 2.80GHz	1780	1086	34.25	\$51.99
Intel Core2 Duo E7500 @ 2.93GHz	1894	1038	27.06	\$69.99*
Intel Core2 Duo E7600 @ 3.06GHz	2045	987	13.64	\$149.95*
Intel Core2 Duo E8135 @ 2.40GHz	1681	1132	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1783	1082	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1887	1045	NA	NA
Intel Core2 Duo E8235 @ 2.80GHz	1949	1015	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	Insufficient data	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	2008	1000	50.22	\$39.99*
Intel Core2 Duo E8335 @ 2.66GHz	1754	1093	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2238	922	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2179	947	87.17	\$25.00
Intel Core2 Duo E8435 @ 3.06GHz	2161	948	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2316	894	29.41	\$78.75*
Intel Core2 Duo E8600 @ 3.33GHz	2426	863	63.84	\$38.00
Intel Core2 Duo E8700 @ 3.50GHz	2212	936	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	727	1586	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	1607	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	841	1544	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	867	1532	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	969	1473	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	968	1474	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	Insufficient data	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1132	1388	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1416	1240	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1309	1296	65.52	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1297	1301	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1449	1228	36.25	\$39.99
Intel Core2 Duo P7500 @ 1.60GHz	945	1488	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1514	1200	6.58	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1439	1233	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	1445	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1471	1213	7.44	\$197.79*
Intel Core2 Duo P8600 @ 2.40GHz	1557	1186	32.46	\$47.99*
Intel Core2 Duo P8700 @ 2.53GHz	1660	1141	43.71	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1764	1091	30.97	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1593	1172	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1839	1063	5.41	\$340.00*
Intel Core2 Duo P9600 @ 2.53GHz	1752	1095	17.70	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1896	1035	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2018	996	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	1650	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1310	1295	5.18	\$253.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo SP9400 @ 2.40GHz	1669	1136	5.88	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	962	1478	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	842	1543	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	828	1550	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	808	1556	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	937	1490	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	912	1510	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	928	1497	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5500 @ 1.66GHz	917	1506	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1042	1432	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	1441	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	1030	1440	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1093	1406	136.88	\$7.99
Intel Core2 Duo T5800 @ 2.00GHz	1100	1401	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1190	1357	148.94	\$7.99
Intel Core2 Duo T5870 @ 2.00GHz	1135	1387	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1253	1326	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1239	1334	82.68	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1310	1294	87.46	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1264	1321	126.54	\$9.99
Intel Core2 Duo T6600 @ 2.20GHz	1391	1252	139.31	\$9.99*
Intel Core2 Duo T6670 @ 2.20GHz	1395	1247	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1017	1447	46.25	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	1366	NA	NA
Intel Core2 Duo T7250 @ 2.00GHz	1118	1393	5.55	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1198	1353	38.69	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1266	1318	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1284	1307	29.87	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1331	1283	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1428	1237	30.40	\$46.99*
Intel Core2 Duo T7800 @ 2.60GHz	1636	1153	2.69	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1290	1305	92.27	\$13.99*
Intel Core2 Duo T8300 @ 2.40GHz	1479	1210	6.91	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1690	1125	29.15	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1770	1087	35.43	\$49.99*
Intel Core2 Duo T9500 @ 2.60GHz	1832	1064	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1787	1079	5.98	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1961	1013	30.18	\$64.99*
Intel Core2 Duo T9800 @ 2.93GHz	1891	1041	4.46	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2219	934	5.56	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	898	1516	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	608	1641	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	670	1614	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	719	1589	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	868	1531	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1150	1375	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1127	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3619	576	3.22	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3716	558	2.48	\$1,495.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme Q9300 @ 2.53GHz	3591	583	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1927	1022	7.31	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1076	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1284	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1717	1109	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1958	1014	NA	NA
Intel Core2 Extreme X9100 @ 3.06GHz	2148	954	2.53	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4338	453	7.11	\$610.00*
Intel Core2 Extreme X9750 @ 3.16GHz	4822	394	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4729	405	3.38	\$1,400.00*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	409	4.67	\$995.00*
Intel Core2 Quad Q6600 @ 2.40GHz	2988	725	17.58	\$170.00*
Intel Core2 Quad Q6700 @ 2.66GHz	3345	643	13.38	\$249.95*
Intel Core2 Quad Q8200 @ 2.33GHz	2836	764	17.19	\$164.99*
Intel Core2 Quad Q8300 @ 2.50GHz	3034	712	21.68	\$140.00*
Intel Core2 Quad Q8400 @ 2.66GHz	3233	668	29.67	\$108.99*
Intel Core2 Quad Q9000 @ 2.00GHz	2555	830	6.57	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3207	674	8.31	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3194	679	33.63	\$94.99



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q9400 @ 2.66GHz	3431	626	25.24	\$135.95*
Intel Core2 Quad Q9450 @ 2.66GHz	3811	535	11.37	\$335.25*
Intel Core2 Quad Q9500 @ 2.83GHz	3721	557	23.26	\$159.99
Intel Core2 Quad Q9505 @ 2.83GHz	3651	564	14.77	\$247.23*
Intel Core2 Quad Q9550 @ 2.83GHz	4055	493	21.44	\$189.19
Intel Core2 Quad Q9650 @ 3.00GHz	4268	466	16.42	\$259.95
Intel Core2 Quad Q9705 @ 3.16GHz	3947	513	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	303	1927	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	1912	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	1787	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	468	1736	NA	NA
Intel Core 330 @ 1.60GHz	643	1626	NA	NA
Intel Core Duo L2300 @ 1.50GHz	719	1590	NA	NA
Intel Core Duo L2400 @ 1.66GHz	710	1596	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	1584	NA	NA
Intel Core Duo T2050 @ 1.60GHz	710	1595	NA	NA
Intel Core Duo T2250 @ 1.73GHz	770	1570	NA	NA
Intel Core Duo T2300 @ 1.66GHz	740	1581	NA	NA
Intel Core Duo T2350 @ 1.86GHz	774	1569	NA	NA
Intel Core Duo T2400 @ 1.83GHz	797	1561	49.85	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	836	1546	NA	NA
Intel Core Duo T2500 @ 2.00GHz	875	1522	7.30	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	936	1492	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1047	1430	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	1671	NA	NA
Intel Core Duo U2500 @ 1.20GHz	512	1696	NA	NA
Intel Core i3 530 @ 2.93GHz	2577	824	20.62	\$125.00*
Intel Core i3 540 @ 3.07GHz	2708	791	15.05	\$179.95*
Intel Core i3 550 @ 3.20GHz	2852	756	18.29	\$155.99*
Intel Core i3 560 @ 3.33GHz	3028	713	15.22	\$198.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3 E 330 @ 2.13GHz	1935	1020	NA	NA
Intel Core i3 M 330 @ 2.13GHz	1807	1074	NA	NA
Intel Core i3 M 350 @ 2.27GHz	1914	1029	45.59	\$41.99*
Intel Core i3 M 370 @ 2.40GHz	2036	990	37.71	\$53.99*
Intel Core i3 M 380 @ 2.53GHz	2119	969	35.93	\$58.99*
Intel Core i3 M 390 @ 2.67GHz	2228	929	NA	NA
Intel Core i3 U 330 @ 1.20GHz	1103	1399	NA	NA
Intel Core i3 U 380 @ 1.33GHz	1191	1356	NA	NA
Intel Core i3-2100 @ 3.10GHz	3631	569	24.21	\$149.99*
Intel Core i3-2100T @ 2.50GHz	2845	758	19.19	\$148.28*
Intel Core i3-2105 @ 3.10GHz	3732	554	25.74	\$144.99*
Intel Core i3-2120 @ 3.30GHz	3869	529	17.59	\$219.95
Intel Core i3-2120T @ 2.60GHz	3196	678	24.19	\$132.17*
Intel Core i3-2125 @ 3.30GHz	4015	501	26.77	\$149.99*
Intel Core i3-2130 @ 3.40GHz	4059	492	13.83	\$293.59*
Intel Core i3-2140 @ 3.50GHz	4325	456	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	762	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2421	865	44.85	\$53.99*
Intel Core i3-2312M @ 2.10GHz	2244	917	NA	NA
Intel Core i3-2328M @ 2.20GHz	2515	840	NA	NA
Intel Core i3-2330E @ 2.20GHz	3004	720	NA	NA
Intel Core i3-2330M @ 2.20GHz	2533	833	30.90	\$81.99*
Intel Core i3-2332M @ 2.20GHz	2382	875	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	Insufficient data	NA	NA
Intel Core i3-2348M @ 2.30GHz	2591	820	NA	NA
Intel Core i3-2350M @ 2.30GHz	2637	807	NA	NA
Intel Core i3-2357M @ 1.30GHz	1627	1160	NA	NA
Intel Core i3-2365M @ 1.40GHz	1668	1137	NA	NA
Intel Core i3-2367M @ 1.40GHz	1699	1119	NA	NA
Intel Core i3-2370M @ 2.40GHz	2744	785	29.84	\$91.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2375M @ 1.50GHz	1758	1092	NA	NA
Intel Core i3-2377M @ 1.50GHz	1830	1066	NA	NA
Intel Core i3-3110M @ 2.40GHz	3046	709	28.75	\$105.99*
Intel Core i3-3120M @ 2.50GHz	3239	664	27.45	\$117.99*
Intel Core i3-3130M @ 2.60GHz	3345	642	NA	NA
Intel Core i3-3210 @ 3.20GHz	3929	521	13.38	\$293.59*
Intel Core i3-3217U @ 1.80GHz	2286	903	NA	NA
Intel Core i3-3217UE @ 1.60GHz	2228	930	NA	NA
Intel Core i3-3220 @ 3.30GHz	4209	475	33.92	\$124.09
Intel Core i3-3220T @ 2.80GHz	3701	560	29.62	\$124.99
Intel Core i3-3225 @ 3.30GHz	4357	449	31.76	\$137.18*
Intel Core i3-3227U @ 1.90GHz	2470	854	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1691	1124	NA	NA
Intel Core i3-3240 @ 3.40GHz	4316	457	31.51	\$137.00
Intel Core i3-3240T @ 2.90GHz	3700	561	NA	NA
Intel Core i3-3245 @ 3.40GHz	4233	470	16.73	\$253.06*
Intel Core i3-3250 @ 3.50GHz	4489	432	34.47	\$130.25
Intel Core i3-4000M @ 2.40GHz	3249	661	29.54	\$109.99*
Intel Core i3-4005U @ 1.70GHz	2420	866	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4010U @ 1.70GHz	2451	859	9.08	\$269.99*
Intel Core i3-4010Y @ 1.30GHz	1830	1067	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2185	946	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2193	941	NA	NA
Intel Core i3-4025U @ 1.90GHz	2801	771	NA	NA
Intel Core i3-4030U @ 1.90GHz	2705	792	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2471	853	NA	NA
Intel Core i3-4100M @ 2.50GHz	3498	609	NA	NA
Intel Core i3-4110M @ 2.60GHz	3873	528	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	Insufficient data	NA	NA
Intel Core i3-4130 @ 3.40GHz	4785	397	40.91	\$116.99
Intel Core i3-4130T @ 2.90GHz	4138	483	34.78	\$118.99
Intel Core i3-4150 @ 3.50GHz	4901	383	40.18	\$121.99
Intel Core i3-4150T @ 3.00GHz	4113	487	35.16	\$117.00*
Intel Core i3-4158U @ 2.00GHz	3077	700	NA	NA
Intel Core i3-4160 @ 3.60GHz	5042	374	42.56	\$118.50
Intel Core i3-4160T @ 3.10GHz	4454	438	NA	NA
Intel Core i3-4170 @ 3.70GHz	5184	357	45.08	\$114.99
Intel Core i3-4170T @ 3.20GHz	4471	435	NA	NA
Intel Core i3-4330 @ 3.50GHz	5054	372	34.98	\$144.50
Intel Core i3-4330T @ 3.00GHz	4468	436	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3224	670	NA	NA
Intel Core i3-4340 @ 3.60GHz	5189	356	32.44	\$159.99
Intel Core i3-4350 @ 3.60GHz	5264	349	35.10	\$149.99
Intel Core i3-4350T @ 3.10GHz	4567	423	NA	NA
Intel Core i3-4360 @ 3.70GHz	5496	331	36.89	\$148.99
Intel Core i3-4360T @ 3.20GHz	4874	390	NA	NA
Intel Core i3-4370 @ 3.80GHz	5576	325	37.94	\$146.99
Intel Core i3-4570T @ 2.90GHz	5094	366	NA	NA
Intel Core i3-5005U @ 2.00GHz	2921	742	NA	NA
Intel Core i3-5010U @ 2.10GHz	3062	703	NA	NA
Intel Core i3-5015U @ 2.10GHz	3169	685	NA	NA
Intel Core i3-5020U @ 2.20GHz	3328	Insufficient data	NA	NA
Intel Core i3-5157U @ 2.50GHz	3631	Insufficient data	NA	NA
Intel Core i3-6100 @ 3.70GHz	5570	326	41.11	\$135.51
Intel Core i3-6100U @ 2.30GHz	3300	650	NA	NA
Intel Core i3-6300 @ 3.80GHz	5894	299	35.30	\$166.99*
Intel Core i3-6300T @ 3.30GHz	4886	388	NA	NA
Intel Core i3-6320 @ 3.90GHz	5773	306	NA	NA
Intel Core i5 520 @ 2.40GHz	2244	918	NA	NA
Intel Core i5 520M @ 2.40GHz	2407	871	10.03	\$239.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5 520UM @ 1.07GHz	1371	1257	NA	NA
Intel Core i5 540M @ 2.53GHz	2447	862	6.52	\$375.13*
Intel Core i5 650 @ 3.20GHz	3147	690	34.98	\$89.99
Intel Core i5 660 @ 3.33GHz	3273	656	9.63	\$339.95*
Intel Core i5 661 @ 3.33GHz	3185	681	15.17	\$209.99*
Intel Core i5 670 @ 3.47GHz	3320	646	18.97	\$175.00*
Intel Core i5 680 @ 3.60GHz	3593	582	11.01	\$326.35*
Intel Core i5 750 @ 2.67GHz	3733	552	18.21	\$205.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5 750S @ 2.40GHz	2197	940	NA	NA
Intel Core i5 760 @ 2.80GHz	3931	519	17.09	\$229.99
Intel Core i5 E 520 @ 2.40GHz	2486	Insufficient data	NA	NA
Intel Core i5 K 655 @ 3.20GHz	3364	640	NA	NA
Intel Core i5 M 430 @ 2.27GHz	2119	968	NA	NA
Intel Core i5 M 450 @ 2.40GHz	2143	957	NA	NA
Intel Core i5 M 460 @ 2.53GHz	2348	886	NA	NA
Intel Core i5 M 480 @ 2.67GHz	2453	858	NA	NA
Intel Core i5 M 560 @ 2.67GHz	2646	803	10.59	\$249.99*
Intel Core i5 M 580 @ 2.67GHz	2721	788	NA	NA
Intel Core i5 U 430 @ 1.20GHz	1356	1269	NA	NA
Intel Core i5 U 470 @ 1.33GHz	1283	1308	NA	NA
Intel Core i5 U 540 @ 1.20GHz	1398	1246	NA	NA
Intel Core i5 U 560 @ 1.33GHz	1727	1107	NA	NA
Intel Core i5-2300 @ 2.80GHz	5298	347	27.89	\$189.98*
Intel Core i5-2310 @ 2.90GHz	5470	334	32.18	\$169.99*
Intel Core i5-2320 @ 3.00GHz	5682	314	23.10	\$245.99
Intel Core i5-2380P @ 3.10GHz	5692	311	26.87	\$211.91*
Intel Core i5-2390T @ 2.70GHz	4272	463	NA	NA
Intel Core i5-2400 @ 3.10GHz	5826	303	33.32	\$174.87
Intel Core i5-2400S @ 2.50GHz	4867	391	18.03	\$269.95*
Intel Core i5-2405S @ 2.50GHz	4889	386	14.82	\$330.02*
Intel Core i5-2410M @ 2.30GHz	3160	686	23.42	\$134.95*
Intel Core i5-2415M @ 2.30GHz	3248	662	NA	NA
Intel Core i5-2430M @ 2.40GHz	3273	655	33.41	\$97.99*
Intel Core i5-2435M @ 2.40GHz	3259	659	NA	NA
Intel Core i5-2450M @ 2.50GHz	3410	632	29.92	\$113.99*
Intel Core i5-2450P @ 3.20GHz	6063	286	28.20	\$214.99*
Intel Core i5-2467M @ 1.60GHz	2333	891	NA	NA
Intel Core i5-2500 @ 3.30GHz	6222	272	20.72	\$300.27*
Intel Core i5-2500K @ 3.30GHz	6463	259	17.68	\$365.55*
Intel Core i5-2500S @ 2.70GHz	5159	359	33.95	\$152.00*
Intel Core i5-2500T @ 2.30GHz	4609	418	NA	NA
Intel Core i5-2510E @ 2.50GHz	3631	570	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	648	NA	NA
Intel Core i5-2520M @ 2.50GHz	3545	591	25.69	\$137.99*
Intel Core i5-2537M @ 1.40GHz	2142	958	NA	NA
Intel Core i5-2540M @ 2.60GHz	3724	556	26.61	\$139.99*
Intel Core i5-2550K @ 3.40GHz	6771	240	23.68	\$285.95*
Intel Core i5-2557M @ 1.70GHz	2673	796	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	548	NA	NA
Intel Core i5-3210M @ 2.50GHz	3788	538	25.09	\$150.99*
Intel Core i5-3230M @ 2.60GHz	3920	523	17.42	\$225.00*
Intel Core i5-3317U @ 1.70GHz	3089	697	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4002	505	16.68	\$239.99*
Intel Core i5-3330 @ 3.00GHz	5867	301	18.93	\$309.95*
Intel Core i5-3330S @ 2.70GHz	5605	323	NA	NA
Intel Core i5-3335S @ 2.70GHz	5775	305	NA	NA
Intel Core i5-3337U @ 1.80GHz	3214	671	14.28	\$225.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3339Y @ 1.50GHz	2189	943	NA	NA
Intel Core i5-3340 @ 3.10GHz	5978	290	27.91	\$214.24*
Intel Core i5-3340M @ 2.70GHz	4154	480	NA	NA
Intel Core i5-3340S @ 2.80GHz	5667	316	28.34	\$199.99*
Intel Core i5-3350P @ 3.10GHz	6086	283	32.03	\$189.99*
Intel Core i5-3360M @ 2.80GHz	4326	455	14.92	\$289.99*
Intel Core i5-3380M @ 2.90GHz	4297	460	NA	NA
Intel Core i5-3427U @ 1.80GHz	3524	599	NA	NA
Intel Core i5-3437U @ 1.90GHz	3538	595	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2933	738	NA	NA
Intel Core i5-3450 @ 3.10GHz	6450	261	12.30	\$524.58*
Intel Core i5-3450S @ 2.80GHz	5982	288	28.97	\$206.51*
Intel Core i5-3470 @ 3.20GHz	6565	253	22.49	\$292.00
Intel Core i5-3470S @ 2.90GHz	6204	274	19.39	\$319.95
Intel Core i5-3470T @ 2.90GHz	4512	429	19.20	\$234.95*
Intel Core i5-3475S @ 2.90GHz	6157	277	NA	NA
Intel Core i5-3550 @ 3.30GHz	6819	236	22.00	\$309.99
Intel Core i5-3550S @ 3.00GHz	6776	239	NA	NA
Intel Core i5-3570 @ 3.40GHz	6982	230	17.07	\$408.95*
Intel Core i5-3570K @ 3.40GHz	7154	220	16.26	\$439.95
Intel Core i5-3570S @ 3.10GHz	6547	255	NA	NA
Intel Core i5-3570T @ 2.30GHz	5868	300	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3622	572	NA	NA
Intel Core i5-4200H @ 2.80GHz	4431	442	NA	NA
Intel Core i5-4200M @ 2.50GHz	4071	490	22.62	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3277	653	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2352	885	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2238	923	NA	NA
Intel Core i5-4210H @ 2.90GHz	4556	424	NA	NA
Intel Core i5-4210M @ 2.60GHz	4222	471	22.23	\$189.99*
Intel Core i5-4210U @ 1.70GHz	3386	634	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2346	888	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2667	Insufficient data	NA	NA
Intel Core i5-4250U @ 1.30GHz	3466	618	10.35	\$334.99*
Intel Core i5-4258U @ 2.40GHz	4060	491	NA	NA
Intel Core i5-4260U @ 1.40GHz	3584	584	NA	NA
Intel Core i5-4278U @ 2.60GHz	4342	452	NA	NA
Intel Core i5-4288U @ 2.60GHz	4448	439	NA	NA
Intel Core i5-4300M @ 2.60GHz	4424	444	NA	NA
Intel Core i5-4300U @ 1.90GHz	3754	546	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2498	843	NA	NA
Intel Core i5-4302Y @ 1.60GHz	3004	721	NA	NA
Intel Core i5-4308U @ 2.80GHz	4652	408	NA	NA
Intel Core i5-4310M @ 2.70GHz	4527	427	NA	NA
Intel Core i5-4310U @ 2.00GHz	3759	544	NA	NA
Intel Core i5-4330M @ 2.80GHz	4735	403	17.22	\$274.99*
Intel Core i5-4340M @ 2.90GHz	5007	377	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	579	NA	NA
Intel Core i5-4430 @ 3.00GHz	6264	270	34.63	\$180.90
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4430S @ 2.70GHz	5993	287	NA	NA
Intel Core i5-4440 @ 3.10GHz	6435	263	35.75	\$179.99
Intel Core i5-4440S @ 2.80GHz	6105	280	32.14	\$189.99
Intel Core i5-4460 @ 3.20GHz	6638	247	34.94	\$189.99
Intel Core i5-4460S @ 2.90GHz	6358	265	NA	NA
Intel Core i5-4460T @ 1.90GHz	4879	389	NA	NA
Intel Core i5-4570 @ 3.20GHz	7019	226	35.10	\$199.99
Intel Core i5-4570R @ 2.70GHz	6456	260	NA	NA
Intel Core i5-4570S @ 2.90GHz	6621	248	33.96	\$194.99
Intel Core i5-4570T @ 2.90GHz	4835	393	24.55	\$196.99
Intel Core i5-4570TE @ 2.70GHz	3603	580	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4590 @ 3.30GHz	7222	214	37.80	\$191.07
Intel Core i5-4590S @ 3.00GHz	7016	227	34.23	\$204.99
Intel Core i5-4590T @ 2.00GHz	5429	341	NA	NA
Intel Core i5-4670 @ 3.40GHz	7392	206	33.16	\$222.95
Intel Core i5-4670K @ 3.40GHz	7637	191	29.95	\$254.99
Intel Core i5-4670K CPT @ 3.40GHz	7411	Insufficient data	NA	NA
Intel Core i5-4670S @ 3.10GHz	6436	262	NA	NA
Intel Core i5-4670T @ 2.30GHz	6335	267	NA	NA
Intel Core i5-4690 @ 3.50GHz	7627	194	39.12	\$194.99
Intel Core i5-4690K @ 3.50GHz	7729	187	32.21	\$239.99
Intel Core i5-4690S @ 3.20GHz	7424	203	32.28	\$229.99
Intel Core i5-4690T @ 2.50GHz	6802	237	NA	NA
Intel Core i5-5200U @ 2.20GHz	3507	607	NA	NA
Intel Core i5-5250U @ 1.60GHz	3681	562	NA	NA
Intel Core i5-5257U @ 2.70GHz	4373	447	NA	NA
Intel Core i5-5287U @ 2.90GHz	4615	Insufficient data	NA	NA
Intel Core i5-5300U @ 2.30GHz	3845	531	NA	NA
Intel Core i5-5350U @ 1.80GHz	3018	Insufficient data	NA	NA
Intel Core i5-5675C @ 3.10GHz	8056	169	29.40	\$273.99
Intel Core i5-6200U @ 2.30GHz	3879	526	NA	NA
Intel Core i5-6300HQ @ 2.30GHz	6084	285	NA	NA
Intel Core i5-6300U @ 2.40GHz	4112	488	NA	NA
Intel Core i5-6400 @ 2.70GHz	6549	254	34.47	\$189.99
Intel Core i5-6500 @ 3.20GHz	6896	232	34.48	\$199.99
Intel Core i5-6500T @ 2.50GHz	6137	278	NA	NA
Intel Core i5-6600 @ 3.30GHz	7363	207	32.02	\$229.99
Intel Core i5-6600K @ 3.50GHz	7833	182	30.72	\$254.99
Intel Core i5-6600T @ 2.70GHz	7186	219	NA	NA
Intel Core i5-24050S @ 2.50GHz	4928	Insufficient data	NA	NA
Intel Core i7 610 @ 2.53GHz	1969	1010	NA	NA
Intel Core i7 610E @ 2.53GHz	2425	864	NA	NA
Intel Core i7 620LM @ 2.00GHz	2152	952	NA	NA
Intel Core i7 640LM @ 2.13GHz	2272	909	NA	NA
Intel Core i7 680UM @ 1.47GHz	1828	1068	NA	NA
Intel Core i7 860 @ 2.80GHz	5100	365	14.37	\$354.99*
Intel Core i7 870 @ 2.93GHz	5481	333	18.90	\$289.95
Intel Core i7 880 @ 3.07GHz	5744	309	9.85	\$583.00*
Intel Core i7 920 @ 2.67GHz	4990	379	16.10	\$309.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7 930 @ 2.80GHz	5219	353	10.26	\$508.95*
Intel Core i7 940 @ 2.93GHz	5461	335	7.80	\$699.95*
Intel Core i7 950 @ 3.07GHz	5642	317	21.43	\$263.31*
Intel Core i7 960 @ 3.20GHz	5925	295	14.45	\$409.99*
Intel Core i7 965 @ 3.20GHz	5900	298	3.91	\$1,508.95*
Intel Core i7 970 @ 3.20GHz	8536	152	9.97	\$855.95*
Intel Core i7 975 @ 3.33GHz	6264	269	14.24	\$440.00
Intel Core i7 980 @ 3.33GHz	8839	139	7.97	\$1,108.95*
Intel Core i7 985 @ 3.47GHz	6641	Insufficient data	NA	NA
Intel Core i7 K 875 @ 2.93GHz	5487	332	15.31	\$358.55*
Intel Core i7 M 620 @ 2.67GHz	2778	778	16.64	\$166.99*
Intel Core i7 M 640 @ 2.80GHz	2884	750	NA	NA
Intel Core i7 Q 720 @ 1.60GHz	3052	705	8.39	\$364.00*
Intel Core i7 Q 740 @ 1.73GHz	3233	667	NA	NA
Intel Core i7 Q 820 @ 1.73GHz	3260	658	NA	NA
Intel Core i7 Q 840 @ 1.87GHz	3396	633	NA	NA
Intel Core i7 S 860 @ 2.53GHz	4776	398	12.40	\$385.27*
Intel Core i7 S 870 @ 2.67GHz	5052	373	NA	NA
Intel Core i7 U 620 @ 1.07GHz	1239	1335	NA	NA
Intel Core i7 U 640 @ 1.20GHz	1698	1121	NA	NA
Intel Core i7 U 660 @ 1.33GHz	1893	1039	NA	NA
Intel Core i7 X 980 @ 3.33GHz	8954	134	12.75	\$702.19*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7 X 990 @ 3.47GHz	9267	115	6.14	\$1,509.99*
Intel Core i7-920XM @ 2.00GHz	3834	532	3.35	\$1,144.69*
Intel Core i7-940XM @ 2.13GHz	4054	494	NA	NA
Intel Core i7-2600 @ 3.40GHz	8263	162	23.32	\$354.30
Intel Core i7-2600K @ 3.40GHz	8543	151	15.85	\$538.99
Intel Core i7-2600S @ 2.80GHz	7049	223	21.46	\$328.45*
Intel Core i7-2610UE @ 1.50GHz	2481	851	NA	NA
Intel Core i7-2617M @ 1.50GHz	2740	786	NA	NA
Intel Core i7-2620M @ 2.70GHz	3827	534	NA	NA
Intel Core i7-2630QM @ 2.00GHz	5566	327	34.79	\$159.99*
Intel Core i7-2630UM @ 1.60GHz	3204	675	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5626	321	NA	NA
Intel Core i7-2637M @ 1.70GHz	2929	740	NA	NA
Intel Core i7-2640M @ 2.80GHz	3913	524	NA	NA
Intel Core i7-2655LE @ 2.20GHz	3007	717	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5969	291	15.79	\$378.00*
Intel Core i7-2675QM @ 2.20GHz	5685	313	NA	NA
Intel Core i7-2677M @ 1.80GHz	2780	777	NA	NA
Intel Core i7-2700K @ 3.50GHz	8850	138	19.45	\$455.00*
Intel Core i7-2710QE @ 2.10GHz	5398	344	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5262	350	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6171	276	15.43	\$399.99*
Intel Core i7-2760QM @ 2.40GHz	6646	246	17.58	\$378.00*
Intel Core i7-2820QM @ 2.30GHz	6592	250	13.21	\$498.95*
Intel Core i7-2840QM @ 2.40GHz	6766	242	NA	NA
Intel Core i7-2860QM @ 2.50GHz	7291	213	12.15	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7047	224	6.43	\$1,096.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2960XM @ 2.70GHz	7325	209	6.68	\$1,096.00*
Intel Core i7-3517U @ 1.90GHz	3639	567	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3422	630	NA	NA
Intel Core i7-3520M @ 2.90GHz	4539	426	NA	NA
Intel Core i7-3537U @ 2.00GHz	3858	530	NA	NA
Intel Core i7-3540M @ 3.00GHz	4624	413	17.79	\$259.99*
Intel Core i7-3555LE @ 2.50GHz	4118	484	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6175	275	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7470	201	18.68	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6481	258	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6836	235	NA	NA
Intel Core i7-3615QE @ 2.30GHz	5495	Insufficient data	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7355	208	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7632	192	31.80	\$239.99*
Intel Core i7-3632QM @ 2.20GHz	6935	231	18.35	\$378.00*
Intel Core i7-3635QM @ 2.40GHz	6603	249	NA	NA
Intel Core i7-3667U @ 2.00GHz	3947	514	NA	NA
Intel Core i7-3687U @ 2.10GHz	4274	462	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3479	614	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8252	163	26.62	\$309.99*
Intel Core i7-3740QM @ 2.70GHz	8440	157	21.64	\$389.99*
Intel Core i7-3770 @ 3.40GHz	9351	110	31.17	\$299.99
Intel Core i7-3770K @ 3.50GHz	9596	96	18.82	\$509.95
Intel Core i7-3770S @ 3.10GHz	8917	136	12.76	\$698.67*
Intel Core i7-3770T @ 2.50GHz	8296	160	25.14	\$329.99*
Intel Core i7-3820 @ 3.60GHz	9006	130	13.39	\$672.59*
Intel Core i7-3820QM @ 2.70GHz	8517	154	14.13	\$602.97*
Intel Core i7-3840QM @ 2.80GHz	8899	137	17.62	\$505.00*
Intel Core i7-3920XM @ 2.90GHz	9237	118	8.43	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	12087	50	26.57	\$454.98
Intel Core i7-3940XM @ 3.00GHz	9480	104	17.24	\$549.99*
Intel Core i7-3960X @ 3.30GHz	12750	44	12.60	\$1,011.79*
Intel Core i7-3970X @ 3.50GHz	12711	45	11.45	\$1,110.63*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4500U @ 1.80GHz	3802	536	NA	NA
Intel Core i7-4510U @ 2.00GHz	3940	517	NA	NA
Intel Core i7-4550U @ 1.50GHz	3903	525	NA	NA
Intel Core i7-4558U @ 2.80GHz	4349	450	NA	NA
Intel Core i7-4578U @ 3.00GHz	5087	367	NA	NA
Intel Core i7-4600M @ 2.90GHz	4792	396	NA	NA
Intel Core i7-4600U @ 2.10GHz	4155	479	NA	NA
Intel Core i7-4610M @ 3.00GHz	5086	368	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3738	551	NA	NA
Intel Core i7-4650U @ 1.70GHz	4116	485	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7500	199	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7803	184	20.37	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7773	185	20.14	\$385.99*
Intel Core i7-4702HQ @ 2.20GHz	7639	190	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7196	218	NA	NA
Intel Core i7-4710HQ @ 2.50GHz	7856	181	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	7975	176	36.42	\$219.00*
Intel Core i7-4712HQ @ 2.30GHz	7571	197	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7198	217	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8153	166	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8001	172	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8278	161	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	9101	127	NA	NA
Intel Core i7-4765T @ 2.00GHz	7316	210	NA	NA
Intel Core i7-4770 @ 3.40GHz	9850	81	32.30	\$304.95
Intel Core i7-4770HQ @ 2.20GHz	8959	133	NA	NA
Intel Core i7-4770K @ 3.50GHz	10179	68	24.90	\$408.82
Intel Core i7-4770R @ 3.20GHz	9810	84	NA	NA
Intel Core i7-4770S @ 3.10GHz	9342	111	30.53	\$305.99
Intel Core i7-4770T @ 2.50GHz	8776	141	NA	NA
Intel Core i7-4770TE @ 2.30GHz	7410	205	NA	NA
Intel Core i7-4771 @ 3.50GHz	9890	80	30.91	\$319.99
Intel Core i7-4785T @ 2.20GHz	7469	202	NA	NA
Intel Core i7-4790 @ 3.60GHz	10038	74	32.38	\$309.99
Intel Core i7-4790K @ 4.00GHz	11232	55	33.04	\$339.99
Intel Core i7-4790S @ 3.20GHz	9627	92	31.57	\$304.99
Intel Core i7-4790T @ 2.70GHz	9050	128	NA	NA
Intel Core i7-4800MQ @ 2.70GHz	8552	149	16.77	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8772	143	23.21	\$378.00*
Intel Core i7-4820K @ 3.70GHz	9809	85	29.73	\$329.99
Intel Core i7-4850HQ @ 2.30GHz	9166	121	21.12	\$434.00*
Intel Core i7-4860HQ @ 2.40GHz	9414	105	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9402	107	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9151	122	16.34	\$559.99*
Intel Core i7-4910MQ @ 2.90GHz	9576	97	16.80	\$570.00*
Intel Core i7-4930K @ 3.40GHz	13079	38	21.80	\$599.99
Intel Core i7-4930MX @ 3.00GHz	9569	98	8.73	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9672	91	12.09	\$799.99*
Intel Core i7-4960HQ @ 2.60GHz	9892	79	15.88	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13943	30	13.60	\$1,024.99
Intel Core i7-4980HQ @ 2.80GHz	10125	71	NA	NA
Intel Core i7-5500U @ 2.40GHz	3972	510	NA	NA
Intel Core i7-5557U @ 3.10GHz	5034	375	NA	NA
Intel Core i7-5600U @ 2.60GHz	4377	446	NA	NA
Intel Core i7-5650U @ 2.20GHz	4269	465	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	164	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	7912	177	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8627	148	NA	NA
Intel Core i7-5775C @ 3.30GHz	11096	56	29.83	\$371.99
Intel Core i7-5820K @ 3.30GHz	12998	40	33.33	\$389.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5930K @ 3.50GHz	13710	34	23.44	\$584.99
Intel Core i7-5950HQ @ 2.90GHz	10945	57	NA	NA
Intel Core i7-5960X @ 3.00GHz	15994	20	15.23	\$1,049.99
Intel Core i7-6500U @ 2.50GHz	4345	451	NA	NA
Intel Core i7-6600U @ 2.60GHz	4514	428	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6700 @ 3.40GHz	9969	77	30.21	\$329.99
Intel Core i7-6700HQ @ 2.60GHz	7863	180	NA	NA
Intel Core i7-6700K @ 4.00GHz	10903	59	29.47	\$369.99
Intel Core i7-6700T @ 2.80GHz	9378	109	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9181	120	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2915	745	NA	NA
Intel Core M-5Y10a @ 0.80GHz	1915	1028	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2818	767	10.03	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2484	849	NA	NA
Intel Core M-5Y51 @ 1.10GHz	3043	710	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3047	707	NA	NA
Intel Core M-5Y71 @ 1.20GHz	3088	698	10.99	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	397	1819	NA	NA
Intel Core Solo T1350 @ 1.86GHz	408	1796	NA	NA
Intel Core Solo T1400 @ 1.83GHz	472	1735	NA	NA
Intel Core Solo U1300 @ 1.06GHz	276	1974	NA	NA
Intel Core Solo U1400 @ 1.20GHz	282	1964	NA	NA
Intel Core Solo U1500 @ 1.33GHz	327	1894	NA	NA
Intel E3000 @ 3.40GHz	2767	780	NA	NA
Intel Pentium 4 1.40GHz	164	2076	NA	NA
Intel Pentium 4 1.50GHz	134	2088	NA	NA
Intel Pentium 4 1.60GHz	131	2090	NA	NA
Intel Pentium 4 1.70GHz	133	2089	NA	NA
Intel Pentium 4 1.80GHz	160	2080	NA	NA
Intel Pentium 4 1.90GHz	162	2078	NA	NA
Intel Pentium 4 2.00GHz	189	2059	NA	NA
Intel Pentium 4 2.20GHz	218	2041	NA	NA
Intel Pentium 4 2.26GHz	223	2031	NA	NA
Intel Pentium 4 2.40GHz	232	2024	NA	NA
Intel Pentium 4 2.50GHz	251	2003	NA	NA
Intel Pentium 4 2.53GHz	249	2008	NA	NA
Intel Pentium 4 2.60GHz	290	1942	NA	NA
Intel Pentium 4 2.66GHz	257	1995	NA	NA
Intel Pentium 4 2.80GHz	327	1895	NA	NA
Intel Pentium 4 2.93GHz	307	1920	NA	NA
Intel Pentium 4 3.00GHz	358	1862	NA	NA
Intel Pentium 4 3.06GHz	348	1876	NA	NA
Intel Pentium 4 3.20GHz	381	1836	NA	NA
Intel Pentium 4 3.40GHz	403	1801	NA	NA
Intel Pentium 4 3.46GHz	487	1714	NA	NA
Intel Pentium 4 3.60GHz	474	1732	NA	NA
Intel Pentium 4 3.73GHz	486	1716	NA	NA
Intel Pentium 4 3.80GHz	491	1712	NA	NA
Intel Pentium 4 4.00GHz	184	2065	NA	NA
Intel Pentium 4 1300MHz	119	2094	NA	NA
Intel Pentium 4 1400MHz	127	2092	NA	NA
Intel Pentium 4 1500MHz	125	2093	NA	NA
Intel Pentium 4 1600MHz	193	2058	NA	NA
Intel Pentium 4 1700MHz	160	2079	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 1800MHz	176	2071	NA	NA
Intel Pentium 4 Family 2.40GHz	290	1943	NA	NA
Intel Pentium 4 Family 2.53GHz	319	1906	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 Mobile 1.40GHz	149	2084	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2053	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2069	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2050	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2072	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2049	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2051	NA	NA
Intel Pentium 5 2.66GHz	705	1597	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	1403	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1156	1372	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	1381	NA	NA
Intel Pentium 987 @ 1.50GHz	1202	1350	NA	NA
Intel Pentium 997 @ 1.60GHz	1470	1215	NA	NA
Intel Pentium 1403 @ 2.60GHz	2747	Insufficient data	NA	NA
Intel Pentium 2020M @ 2.40GHz	2308	899	17.23	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2413	870	18.01	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1659	1144	12.39	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1875	1050	14.00	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1087	1409	8.12	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2325	892	NA	NA
Intel Pentium 3556U @ 1.70GHz	1734	1102	NA	NA
Intel Pentium 3558U @ 1.70GHz	1769	1089	NA	NA
Intel Pentium 3560M @ 2.40GHz	2219	935	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1259	1323	NA	NA
Intel Pentium 3805U @ 1.90GHz	1944	1016	NA	NA
Intel Pentium 3825U @ 1.90GHz	2653	799	NA	NA
Intel Pentium A1018 @ 2.10GHz	2153	Insufficient data	NA	NA
Intel Pentium B940 @ 2.00GHz	1739	1099	NA	NA
Intel Pentium B950 @ 2.10GHz	1705	1115	NA	NA
Intel Pentium B960 @ 2.20GHz	1871	1054	38.19	\$48.99*
Intel Pentium B970 @ 2.30GHz	1968	1011	38.60	\$50.99*
Intel Pentium B980 @ 2.40GHz	2075	980	NA	NA
Intel Pentium D 805 @ 2.66GHz	535	1680	NA	NA
Intel Pentium D 830 @ 3.00GHz	649	1619	NA	NA
Intel Pentium D 915 @ 2.80GHz	594	1648	NA	NA
Intel Pentium D 940 @ 3.20GHz	710	1594	NA	NA
Intel Pentium D 950 @ 3.40GHz	749	1577	NA	NA
Intel Pentium D 960 @ 3.60GHz	836	1547	NA	NA
Intel Pentium E2140 @ 1.60GHz	873	1525	21.85	\$39.99*
Intel Pentium E2160 @ 1.80GHz	1004	1454	29.54	\$33.99*
Intel Pentium E2180 @ 2.00GHz	1078	1415	5.99	\$179.95*
Intel Pentium E2200 @ 2.20GHz	1198	1354	13.03	\$91.99*
Intel Pentium E2210 @ 2.20GHz	1175	1362	NA	NA
Intel Pentium E2220 @ 2.40GHz	1342	1277	28.56	\$46.99*
Intel Pentium E5200 @ 2.50GHz	1500	1204	30.01	\$50.00*
Intel Pentium E5300 @ 2.60GHz	1554	1187	38.86	\$39.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E5400 @ 2.70GHz	1608	1167	38.31	\$41.99*
Intel Pentium E5500 @ 2.80GHz	1627	1159	24.29	\$67.00*
Intel Pentium E5700 @ 3.00GHz	1753	1094	33.74	\$51.99*
Intel Pentium E5800 @ 3.20GHz	1897	1034	38.73	\$48.99*
Intel Pentium E6300 @ 2.80GHz	1709	1113	42.74	\$39.99*
Intel Pentium E6500 @ 2.93GHz	1768	1090	36.11	\$48.99*
Intel Pentium E6600 @ 3.06GHz	1894	1037	7.58	\$249.95*
Intel Pentium E6700 @ 3.20GHz	1979	1008	9.47	\$208.95*
Intel Pentium E6800 @ 3.33GHz	2037	989	19.70	\$103.43*
Intel Pentium Extreme Edition 955 @ 3.46GHz	915	1508	1.21	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	993	1460	NA	NA
Intel Pentium G620 @ 2.60GHz	2292	901	35.37	\$64.80*
Intel Pentium G620T @ 2.20GHz	2071	981	25.90	\$79.99*
Intel Pentium G630 @ 2.70GHz	2391	872	34.50	\$69.32*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G630T @ 2.30GHz	2160	950	27.00	\$79.99*
Intel Pentium G640 @ 2.80GHz	2549	832	43.21	\$58.99*
Intel Pentium G640T @ 2.40GHz	1939	1018	NA	NA
Intel Pentium G645 @ 2.90GHz	2582	823	43.79	\$58.99*
Intel Pentium G645T @ 2.50GHz	2369	878	NA	NA
Intel Pentium G840 @ 2.80GHz	2602	817	44.87	\$57.99
Intel Pentium G850 @ 2.90GHz	2684	795	27.28	\$98.39*
Intel Pentium G860 @ 3.00GHz	2802	769	32.98	\$84.99*
Intel Pentium G870 @ 3.10GHz	2865	755	34.53	\$82.99*
Intel Pentium G2010 @ 2.80GHz	2620	813	34.95	\$74.99*
Intel Pentium G2020 @ 2.90GHz	2788	775	37.18	\$74.99
Intel Pentium G2020T @ 2.50GHz	2526	835	39.47	\$64.00*
Intel Pentium G2030 @ 3.00GHz	2927	741	40.66	\$72.00
Intel Pentium G2030T @ 2.60GHz	2372	877	37.07	\$64.00*
Intel Pentium G2120 @ 3.10GHz	3093	696	34.38	\$89.99*
Intel Pentium G2130 @ 3.20GHz	3141	692	48.34	\$64.99*
Intel Pentium G2140 @ 3.30GHz	3436	622	34.37	\$99.99*
Intel Pentium G3220 @ 3.00GHz	3191	680	58.07	\$54.95
Intel Pentium G3220T @ 2.60GHz	2642	805	52.86	\$49.99
Intel Pentium G3240 @ 3.10GHz	3279	652	54.67	\$59.99
Intel Pentium G3240T @ 2.70GHz	2985	727	NA	NA
Intel Pentium G3250 @ 3.20GHz	3328	644	57.40	\$57.99
Intel Pentium G3250T @ 2.80GHz	2986	726	NA	NA
Intel Pentium G3258 @ 3.20GHz	4002	504	57.18	\$69.99
Intel Pentium G3260 @ 3.30GHz	3211	673	45.88	\$69.99
Intel Pentium G3260T @ 2.90GHz	2264	Insufficient data	NA	NA
Intel Pentium G3320TE @ 2.30GHz	2389	873	NA	NA
Intel Pentium G3420 @ 3.20GHz	3435	624	39.84	\$86.24*
Intel Pentium G3420T @ 2.70GHz	2971	731	NA	NA
Intel Pentium G3430 @ 3.30GHz	3423	628	35.30	\$96.99*
Intel Pentium G3440 @ 3.30GHz	3411	631	37.91	\$89.99
Intel Pentium G3440T @ 2.80GHz	3101	Insufficient data	NA	NA
Intel Pentium G3450 @ 3.40GHz	3769	542	41.89	\$89.99
Intel Pentium G3450T @ 2.90GHz	2967	732	NA	NA
Intel Pentium G3460 @ 3.50GHz	3773	541	42.88	\$87.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3470 @ 3.60GHz	3753	547	37.54	\$99.99*
Intel Pentium G4400 @ 3.30GHz	3776	540	NA	NA
Intel Pentium G4400T @ 2.90GHz	3467	617	NA	NA
Intel Pentium G4500 @ 3.50GHz	3522	601	35.26	\$99.90*
Intel Pentium G6950 @ 2.80GHz	1889	1044	21.02	\$89.89*
Intel Pentium G6951 @ 2.80GHz	2311	898	NA	NA
Intel Pentium G6960 @ 2.93GHz	2131	964	NA	NA
Intel Pentium III 1133MHz	284	1960	NA	NA
Intel Pentium III 1200MHz	278	1971	NA	NA
Intel Pentium III 1400MHz	336	1888	NA	NA
Intel Pentium III - S 933MHz	238	2019	NA	NA
Intel Pentium III - S 1266MHz	309	1916	NA	NA
Intel Pentium III - S 1400MHz	304	1924	NA	NA
Intel Pentium III family 1133MHz	296	1932	NA	NA
Intel Pentium III family 1266MHz	226	2030	NA	NA
Intel Pentium III family 1400MHz	293	1936	NA	NA
Intel Pentium III Mobile 750MHz	103	2096	NA	NA
Intel Pentium III Mobile 800MHz	201	2052	NA	NA
Intel Pentium III Mobile 866MHz	214	2044	NA	NA
Intel Pentium III Mobile 933MHz	218	2039	NA	NA
Intel Pentium III Mobile 1000MHz	245	2012	NA	NA
Intel Pentium III Mobile 1066MHz	268	1982	NA	NA
Intel Pentium III Mobile 1133MHz	251	2002	NA	NA
Intel Pentium III Mobile 1200MHz	274	1979	NA	NA
Intel Pentium J2850 @ 2.41GHz	1782	1083	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium J2900 @ 2.41GHz	2046	985	NA	NA
Intel Pentium M 1.10GHz	293	1937	NA	NA
Intel Pentium M 1.20GHz	302	1930	NA	NA
Intel Pentium M 1.30GHz	343	1883	NA	NA
Intel Pentium M 1.40GHz	369	1849	NA	NA
Intel Pentium M 1.50GHz	357	1863	NA	NA
Intel Pentium M 1.60GHz	373	1843	NA	NA
Intel Pentium M 1.70GHz	415	1788	NA	NA
Intel Pentium M 1.73GHz	419	1785	NA	NA
Intel Pentium M 1.80GHz	397	1817	NA	NA
Intel Pentium M 1.86GHz	440	1766	NA	NA
Intel Pentium M 2.00GHz	472	1734	NA	NA
Intel Pentium M 2.10GHz	521	1687	NA	NA
Intel Pentium M 2.13GHz	518	1689	NA	NA
Intel Pentium M 2.26GHz	503	1702	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	1721	NA	NA
Intel Pentium M 900MHz	220	2036	NA	NA
Intel Pentium M 1000MHz	247	2010	NA	NA
Intel Pentium M 1100MHz	259	1993	NA	NA
Intel Pentium M 1200MHz	288	1950	NA	NA
Intel Pentium M 1300MHz	303	1926	NA	NA
Intel Pentium M 1400MHz	320	1905	NA	NA
Intel Pentium M 1500MHz	356	1867	NA	NA
Intel Pentium M 1600MHz	363	1856	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1700MHz	387	1830	NA	NA
Intel Pentium N3510 @ 1.99GHz	1632	1155	NA	NA
Intel Pentium N3520 @ 2.16GHz	1840	1061	NA	NA
Intel Pentium N3530 @ 2.16GHz	1925	1024	NA	NA
Intel Pentium N3540 @ 2.16GHz	1994	1003	8.31	\$239.99*
Intel Pentium N3700 @ 1.60GHz	1824	1069	7.60	\$239.99
Intel Pentium P6000 @ 1.87GHz	1266	1319	NA	NA
Intel Pentium P6100 @ 2.00GHz	1333	1281	NA	NA
Intel Pentium P6200 @ 2.13GHz	1348	1274	36.45	\$36.99*
Intel Pentium P6300 @ 2.27GHz	1360	1264	NA	NA
Intel Pentium SU2700 @ 1.30GHz	419	1784	NA	NA
Intel Pentium SU4100 @ 1.30GHz	866	1533	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	1542	NA	NA
Intel Pentium T2060 @ 1.60GHz	679	1610	NA	NA
Intel Pentium T2080 @ 1.73GHz	710	1593	NA	NA
Intel Pentium T2130 @ 1.86GHz	725	1587	NA	NA
Intel Pentium T2310 @ 1.46GHz	728	1585	NA	NA
Intel Pentium T2330 @ 1.60GHz	853	1538	NA	NA
Intel Pentium T2370 @ 1.73GHz	829	1549	NA	NA
Intel Pentium T2390 @ 1.86GHz	933	1494	NA	NA
Intel Pentium T2410 @ 2.00GHz	967	1475	NA	NA
Intel Pentium T3200 @ 2.00GHz	1035	1436	NA	NA
Intel Pentium T3400 @ 2.16GHz	1124	1390	NA	NA
Intel Pentium T4200 @ 2.00GHz	1155	1373	NA	NA
Intel Pentium T4300 @ 2.10GHz	1245	1331	NA	NA
Intel Pentium T4400 @ 2.20GHz	1297	1300	NA	NA
Intel Pentium T4500 @ 2.30GHz	1366	1260	NA	NA
Intel Pentium U5400 @ 1.20GHz	870	1529	NA	NA
Intel Pentium U5600 @ 1.33GHz	977	1468	NA	NA
Intel T1200 @ 1.50GHz	435	1773	NA	NA
Intel T1400 @ 1.73GHz	945	1487	NA	NA
Intel T1500 @ 1.86GHz	920	1504	NA	NA
Intel T2050 @ 2.00GHz	959	Insufficient data	NA	NA
Intel Xeon 2.00GHz	233	2022	NA	NA
Intel XEON 2.20GHz	252	2001	NA	NA
Intel Xeon 2.40GHz	276	1975	30.35	\$9.10*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 2.66GHz	435	1771	NA	NA
Intel Xeon 2.80GHz	400	1811	NA	NA
Intel Xeon 3.00GHz	404	1800	NA	NA
Intel Xeon 3.06GHz	491	1710	NA	NA
Intel Xeon 3.20GHz	500	1704	NA	NA
Intel Xeon 3.40GHz	478	1728	NA	NA
Intel Xeon 3.60GHz	500	1705	0.59	\$851.00*
Intel Xeon 3.73GHz	1070	1417	NA	NA
Intel Xeon 3.80GHz	604	1643	0.71	\$851.00*
Intel Xeon 1500MHz	193	2057	NA	NA
Intel Xeon 3040 @ 1.86GHz	1259	1324	40.66	\$30.99*
Intel Xeon 3050 @ 2.13GHz	1346	1275	42.09	\$31.99*
Intel Xeon 3060 @ 2.40GHz	1628	1157	37.88	\$42.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3065 @ 2.33GHz	1575	1178	NA	NA
Intel Xeon 3070 @ 2.66GHz	1810	1073	3.02	\$598.95*
Intel Xeon 3075 @ 2.66GHz	1840	1060	5.26	\$349.95*
Intel Xeon 5110 @ 1.60GHz	1064	1423	9.59	\$111.02*
Intel Xeon 5120 @ 1.86GHz	1237	1336	4.67	\$265.00*
Intel Xeon 5130 @ 2.00GHz	1390	1253	139.21	\$9.99*
Intel Xeon 5133 @ 2.20GHz	1598	1170	NA	NA
Intel Xeon 5140 @ 2.33GHz	1646	1151	164.83	\$9.99*
Intel Xeon 5148 @ 2.33GHz	1590	1173	122.47	\$12.99*
Intel Xeon 5150 @ 2.66GHz	1748	1096	175.05	\$9.99*
Intel Xeon 5160 @ 3.00GHz	2005	1001	NA	NA
Intel Xeon D-1540 @ 2.00GHz	10904	58	NA	NA
Intel Xeon E3-1220 @ 3.10GHz	6092	281	29.02	\$209.99
Intel Xeon E3-1220 V2 @ 3.10GHz	6535	256	27.38	\$238.69*
Intel Xeon E3-1220 v3 @ 3.10GHz	6729	244	32.83	\$204.99
Intel Xeon E3-1220L @ 2.20GHz	3563	588	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	3656	563	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	972	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5904	297	27.46	\$214.99*
Intel Xeon E3-1225 V2 @ 3.20GHz	6854	234	29.93	\$228.99*
Intel Xeon E3-1225 v3 @ 3.20GHz	7010	228	29.70	\$235.99*
Intel Xeon E3-1226 v3 @ 3.30GHz	7474	200	34.45	\$216.99
Intel Xeon E3-1230 @ 3.20GHz	7895	178	33.18	\$237.99*
Intel Xeon E3-1230 V2 @ 3.30GHz	8838	140	29.55	\$299.08
Intel Xeon E3-1230 v3 @ 3.30GHz	9301	112	36.56	\$254.43
Intel Xeon E3-1230L v3 @ 1.80GHz	7199	216	NA	NA
Intel Xeon E3-1231 v3 @ 3.40GHz	9617	94	38.10	\$252.43
Intel Xeon E3-1235 @ 3.20GHz	7751	186	28.71	\$269.99*
Intel Xeon E3-1240 @ 3.30GHz	7976	175	30.10	\$264.99*
Intel Xeon E3-1240 V2 @ 3.40GHz	9293	114	26.63	\$348.98*
Intel Xeon E3-1240 v3 @ 3.40GHz	9740	87	35.04	\$277.99
Intel Xeon E3-1240L v3 @ 2.00GHz	7513	198	NA	NA
Intel Xeon E3-1241 v3 @ 3.50GHz	10016	75	36.12	\$277.31
Intel Xeon E3-1245 @ 3.30GHz	8071	168	31.65	\$255.00*
Intel Xeon E3-1245 V2 @ 3.40GHz	9104	126	26.70	\$341.00*
Intel Xeon E3-1245 v3 @ 3.40GHz	9518	101	30.47	\$312.38
Intel Xeon E3-1246 v3 @ 3.50GHz	9849	82	33.97	\$289.99
Intel Xeon E3-1260L @ 2.40GHz	6534	257	21.01	\$310.99*
Intel Xeon E3-1265L @ 2.40GHz	5953	292	NA	NA
Intel Xeon E3-1265L V2 @ 2.50GHz	7602	195	23.82	\$319.19*
Intel Xeon E3-1265L v3 @ 2.50GHz	8773	142	29.44	\$297.99*
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	Insufficient data	NA	NA
Intel Xeon E3-1270 @ 3.40GHz	8303	159	23.59	\$351.99*
Intel Xeon E3-1270 V2 @ 3.50GHz	9553	99	23.48	\$406.90
Intel Xeon E3-1270 v3 @ 3.50GHz	9840	83	29.37	\$334.99*
Intel Xeon E3-1271 v3 @ 3.60GHz	10171	69	29.65	\$342.99
Intel Xeon E3-1275 @ 3.40GHz	8337	158	23.10	\$360.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1275 V2 @ 3.50GHz	9254	117	23.14	\$399.99*
Intel Xeon E3-1275 v3 @ 3.50GHz	9736	88	27.05	\$359.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1275L v3 @ 2.70GHz	8073	167	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10212	67	29.18	\$349.99
Intel Xeon E3-1280 @ 3.50GHz	8532	153	13.13	\$649.99*
Intel Xeon E3-1280 V2 @ 3.60GHz	9751	86	15.12	\$644.99*
Intel Xeon E3-1280 v3 @ 3.60GHz	9615	95	15.71	\$612.00*
Intel Xeon E3-1281 v3 @ 3.70GHz	10081	73	NA	NA
Intel Xeon E3-1285L v3 @ 3.10GHz	10483	60	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9388	108	NA	NA
Intel Xeon E3-1290 @ 3.60GHz	8704	146	9.84	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9954	78	11.25	\$885.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	212	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	6070	Insufficient data	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5456	336	31.00	\$175.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	5812	304	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5713	310	NA	NA
Intel Xeon E5-1607 v2 @ 3.00GHz	5917	296	18.91	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6768	241	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9113	125	26.04	\$349.99*
Intel Xeon E5-1620 v2 @ 3.70GHz	9499	102	30.16	\$314.99*
Intel Xeon E5-1620 v3 @ 3.50GHz	9623	93	32.29	\$297.99
Intel Xeon E5-1630 v3 @ 3.70GHz	10152	70	21.93	\$463.00*
Intel Xeon E5-1650 @ 3.20GHz	11730	54	18.77	\$624.99*
Intel Xeon E5-1650 v2 @ 3.50GHz	12528	47	20.74	\$603.99
Intel Xeon E5-1650 v3 @ 3.50GHz	13470	36	21.67	\$621.66*
Intel Xeon E5-1660 @ 3.30GHz	12642	46	11.45	\$1,104.00*
Intel Xeon E5-1660 v2 @ 3.70GHz	13772	33	12.07	\$1,141.09*
Intel Xeon E5-1660 v3 @ 3.00GHz	12303	48	11.50	\$1,069.99*
Intel Xeon E5-1680 v2 @ 3.00GHz	15994	19	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	17134	9	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3489	611	17.36	\$200.99*
Intel Xeon E5-2403 v2 @ 1.80GHz	1797	Insufficient data	8.99	\$199.99
Intel Xeon E5-2407 @ 2.20GHz	3795	537	10.88	\$348.79*
Intel Xeon E5-2407 v2 @ 2.40GHz	4607	419	17.06	\$269.99
Intel Xeon E5-2420 @ 1.90GHz	7313	211	18.06	\$405.00*
Intel Xeon E5-2420 v2 @ 2.20GHz	8766	144	19.92	\$439.99
Intel Xeon E5-2430 @ 2.20GHz	6878	233	10.58	\$649.99*
Intel Xeon E5-2430 v2 @ 2.50GHz	8041	170	14.11	\$569.99
Intel Xeon E5-2440 @ 2.40GHz	9144	123	11.28	\$810.99*
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	Insufficient data	11.25	\$837.99*
Intel Xeon E5-2450 @ 2.10GHz	10241	Insufficient data	NA	NA
Intel Xeon E5-2470 @ 2.30GHz	11149	Insufficient data	7.53	\$1,479.99*
Intel Xeon E5-2603 @ 1.80GHz	3484	613	16.60	\$209.99*
Intel Xeon E5-2603 v2 @ 1.80GHz	3765	543	17.93	\$209.99
Intel Xeon E5-2603 v3 @ 1.60GHz	4922	382	22.38	\$219.99
Intel Xeon E5-2609 @ 2.40GHz	4584	421	14.55	\$314.99*
Intel Xeon E5-2609 v2 @ 2.50GHz	4998	378	16.66	\$299.99
Intel Xeon E5-2609 v3 @ 1.90GHz	5926	294	19.43	\$304.99
Intel Xeon E5-2620 @ 2.00GHz	7989	174	15.88	\$503.20*
Intel Xeon E5-2620 v2 @ 2.10GHz	8704	145	21.49	\$404.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2620 v3 @ 2.40GHz	9994	76	23.24	\$429.99
Intel Xeon E5-2623 v3 @ 3.00GHz	9215	119	15.37	\$599.73*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	Insufficient data	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12844	41	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8932	135	14.64	\$609.99*
Intel Xeon E5-2630 v2 @ 2.60GHz	10436	62	17.25	\$605.16

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2630 v3 @ 2.40GHz	12828	42	18.87	\$679.99
Intel Xeon E5-2630L @ 2.00GHz	7868	179	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9294	113	8.70	\$1,068.24*
Intel Xeon E5-2637 v3 @ 3.50GHz	10342	64	NA	NA
Intel Xeon E5-2640 @ 2.50GHz	9723	89	9.72	\$999.99
Intel Xeon E5-2640 v2 @ 2.00GHz	10230	66	11.50	\$889.99
Intel Xeon E5-2640 v3 @ 2.60GHz	14114	29	14.86	\$949.99
Intel Xeon E5-2643 @ 3.30GHz	8474	156	9.02	\$939.99*
Intel Xeon E5-2643 v2 @ 3.50GHz	11735	53	7.22	\$1,624.99
Intel Xeon E5-2643 v3 @ 3.40GHz	14224	27	7.90	\$1,799.95*
Intel Xeon E5-2650 @ 2.00GHz	10397	63	9.20	\$1,129.99*
Intel Xeon E5-2650 v2 @ 2.60GHz	13026	39	11.04	\$1,179.99
Intel Xeon E5-2650 v3 @ 2.30GHz	15346	23	13.05	\$1,176.00
Intel Xeon E5-2650L v3 @ 1.80GHz	12017	Insufficient data	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	103	10.54	\$899.95*
Intel Xeon E5-2658 v2 @ 2.40GHz	13875	32	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	15700	21	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11891	52	8.81	\$1,349.99*
Intel Xeon E5-2660 v2 @ 2.20GHz	13659	35	9.76	\$1,399.99
Intel Xeon E5-2660 v3 @ 2.60GHz	16194	17	11.17	\$1,449.99
Intel Xeon E5-2665 @ 2.40GHz	12152	49	10.08	\$1,205.04*
Intel Xeon E5-2667 @ 2.90GHz	10482	61	6.55	\$1,599.99*
Intel Xeon E5-2667 v2 @ 3.30GHz	16542	13	7.23	\$2,287.01*
Intel Xeon E5-2667 v3 @ 3.20GHz	16274	16	8.15	\$1,997.99*
Intel Xeon E5-2670 @ 2.60GHz	12770	43	8.24	\$1,549.99*
Intel Xeon E5-2670 v2 @ 2.50GHz	15056	24	9.65	\$1,559.99
Intel Xeon E5-2670 v3 @ 2.30GHz	16598	12	10.00	\$1,659.99
Intel Xeon E5-2680 @ 2.70GHz	13346	37	7.37	\$1,809.95*
Intel Xeon E5-2680 v2 @ 2.80GHz	16356	15	9.23	\$1,771.99
Intel Xeon E5-2680 v3 @ 2.50GHz	18403	6	10.22	\$1,799.99
Intel Xeon E5-2683 v3 @ 2.00GHz	16127	18	7.55	\$2,136.99*
Intel Xeon E5-2685 v3 @ 2.60GHz	14154	28	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14463	25	7.58	\$1,908.99*
Intel Xeon E5-2687W v2 @ 3.40GHz	16671	11	7.94	\$2,099.99
Intel Xeon E5-2687W v3 @ 3.10GHz	17694	7	8.23	\$2,149.08
Intel Xeon E5-2689 @ 2.60GHz	13897	31	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	14376	26	7.17	\$2,004.00*
Intel Xeon E5-2690 v2 @ 3.00GHz	16399	14	7.98	\$2,054.99
Intel Xeon E5-2690 v3 @ 2.60GHz	19687	5	9.16	\$2,149.99
Intel Xeon E5-2695 v2 @ 2.40GHz	15502	22	6.63	\$2,339.99
Intel Xeon E5-2695 v3 @ 2.30GHz	20923	4	8.77	\$2,386.31
Intel Xeon E5-2696 v2 @ 2.50GHz	16681	10	NA	NA
Intel Xeon E5-2697 v2 @ 2.70GHz	17438	8	6.58	\$2,649.99
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	22147	3	8.17	\$2,710.51
Intel Xeon E5-2698 v3 @ 2.30GHz	22309	2	5.96	\$3,745.49*
Intel Xeon E5-2699 v3 @ 2.30GHz	22892	1	4.90	\$4,673.90*
Intel Xeon E5-4603 @ 2.00GHz	5014	Insufficient data	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11960	51	3.07	\$3,899.99*
Intel Xeon E3110 @ 3.00GHz	2212	937	67.06	\$32.99*
Intel Xeon E3113 @ 3.00GHz	2427	Insufficient data	NA	NA
Intel Xeon E3120 @ 3.16GHz	2493	844	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1245	140.28	\$9.99*
Intel Xeon E5240 @ 3.00GHz	2492	846	NA	NA
Intel Xeon E5310 @ 1.60GHz	2271	911	28.70	\$79.14*
Intel Xeon E5320 @ 1.86GHz	2227	932	5.86	\$379.95*
Intel Xeon E5335 @ 2.00GHz	2559	829	3.94	\$649.95*
Intel Xeon E5345 @ 2.33GHz	2932	739	14.93	\$196.42*
Intel Xeon E5405 @ 2.00GHz	2915	744	63.40	\$45.99*
Intel Xeon E5410 @ 2.33GHz	3311	649	60.22	\$54.99*
Intel Xeon E5420 @ 2.50GHz	3542	593	101.25	\$34.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5430 @ 2.66GHz	3946	515	65.78	\$59.99*
Intel Xeon E5440 @ 2.83GHz	4016	499	100.44	\$39.99*
Intel Xeon E5450 @ 3.00GHz	4302	459	53.79	\$79.99*
Intel Xeon E5462 @ 2.80GHz	4191	477	16.37	\$255.99*
Intel Xeon E5472 @ 3.00GHz	4306	458	3.92	\$1,098.95*
Intel Xeon E5502 @ 1.87GHz	1359	1265	6.63	\$204.99*
Intel Xeon E5503 @ 2.00GHz	1492	1206	7.24	\$205.99*
Intel Xeon E5504 @ 2.00GHz	2801	770	12.74	\$220.00*
Intel Xeon E5506 @ 2.13GHz	3019	715	64.27	\$46.99*
Intel Xeon E5507 @ 2.27GHz	3238	665	64.78	\$49.99*
Intel Xeon E5520 @ 2.27GHz	4456	437	68.43	\$65.13*
Intel Xeon E5530 @ 2.40GHz	4732	404	45.07	\$104.99*
Intel Xeon E5540 @ 2.53GHz	4850	392	42.57	\$113.95*
Intel Xeon E5603 @ 1.60GHz	2387	874	10.75	\$221.99*
Intel Xeon E5606 @ 2.13GHz	3112	694	10.04	\$309.99*
Intel Xeon E5607 @ 2.27GHz	3518	603	12.43	\$282.99*
Intel Xeon E5620 @ 2.40GHz	4930	380	30.27	\$162.90*
Intel Xeon E5630 @ 2.53GHz	5156	361	17.78	\$289.99*
Intel Xeon E5640 @ 2.67GHz	5534	329	39.53	\$139.99*
Intel Xeon E5645 @ 2.40GHz	6725	245	19.41	\$346.56*
Intel Xeon E5649 @ 2.53GHz	7149	221	17.46	\$409.50*
Intel Xeon E7540 @ 2.00GHz	3148	Insufficient data	NA	NA
Intel Xeon L3110 @ 3.00GHz	2273	908	NA	NA
Intel Xeon L3426 @ 1.87GHz	3982	508	12.22	\$325.99*
Intel Xeon L5238 @ 2.66GHz	1823	1070	NA	NA
Intel Xeon L5240 @ 3.00GHz	2313	896	NA	NA
Intel Xeon L5320 @ 1.86GHz	2605	816	19.88	\$131.06*
Intel Xeon L5335 @ 2.00GHz	2756	782	NA	NA
Intel Xeon L5408 @ 2.13GHz	3080	699	NA	NA
Intel Xeon L5410 @ 2.33GHz	3502	608	9.23	\$379.42*
Intel Xeon L5420 @ 2.50GHz	3533	597	100.98	\$34.99*
Intel Xeon L5430 @ 2.66GHz	4034	496	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5506 @ 2.13GHz	3715	559	NA	NA
Intel Xeon L5520 @ 2.27GHz	4357	448	48.42	\$89.99*
Intel Xeon L5530 @ 2.40GHz	4351	Insufficient data	NA	NA
Intel Xeon L5630 @ 2.13GHz	4420	445	9.80	\$451.05*
Intel Xeon L5638 @ 2.00GHz	5642	318	NA	NA
Intel Xeon L5639 @ 2.13GHz	7107	222	NA	NA
Intel Xeon L5640 @ 2.27GHz	6786	238	71.44	\$94.99*
Intel Xeon L7455 @ 2.13GHz	3836	Insufficient data	NA	NA
Intel Xeon MV 3.20GHz	683	Insufficient data	NA	NA
Intel Xeon W3503 @ 2.40GHz	1781	1085	NA	NA
Intel Xeon W3505 @ 2.53GHz	1875	1051	NA	NA
Intel Xeon W3520 @ 2.67GHz	5064	370	14.07	\$359.99*
Intel Xeon W3530 @ 2.80GHz	5367	345	18.26	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5552	328	7.94	\$698.95*
Intel Xeon W3550 @ 3.07GHz	5763	308	17.79	\$323.99*
Intel Xeon W3565 @ 3.20GHz	6086	282	18.84	\$322.99*
Intel Xeon W3570 @ 3.20GHz	6247	271	5.73	\$1,089.99*
Intel Xeon W3580 @ 3.33GHz	6586	251	6.08	\$1,083.47*
Intel Xeon W3670 @ 3.20GHz	8513	155	14.24	\$597.99*
Intel Xeon W3680 @ 3.33GHz	9408	106	10.45	\$899.99*
Intel Xeon W3690 @ 3.47GHz	9703	90	7.90	\$1,228.99*
Intel Xeon W5580 @ 3.20GHz	5679	315	3.42	\$1,659.99*
Intel Xeon W5590 @ 3.33GHz	6314	268	3.59	\$1,759.21*
Intel Xeon X3210 @ 2.13GHz	2796	772	13.01	\$214.99*
Intel Xeon X3220 @ 2.40GHz	3158	688	10.56	\$298.95*
Intel Xeon X3230 @ 2.66GHz	3472	616	11.18	\$310.51*
Intel Xeon X3320 @ 2.50GHz	3434	625	14.94	\$229.95*
Intel Xeon X3323 @ 2.50GHz	3319	647	51.87	\$64.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3330 @ 2.66GHz	3651	565	16.32	\$223.79*
Intel Xeon X3350 @ 2.66GHz	3951	512	43.91	\$89.99*
Intel Xeon X3353 @ 2.66GHz	3524	600	47.00	\$74.99*
Intel Xeon X3360 @ 2.83GHz	4115	486	58.80	\$69.99*
Intel Xeon X3363 @ 2.83GHz	4212	473	52.67	\$79.99*
Intel Xeon X3370 @ 3.00GHz	4496	430	12.30	\$365.50*
Intel Xeon X3380 @ 3.16GHz	4713	407	NA	NA
Intel Xeon X3430 @ 2.40GHz	3378	637	15.72	\$214.99*
Intel Xeon X3440 @ 2.53GHz	4277	461	53.47	\$79.99*
Intel Xeon X3450 @ 2.67GHz	4895	385	18.03	\$271.48*
Intel Xeon X3460 @ 2.80GHz	5158	360	14.87	\$346.99*
Intel Xeon X3470 @ 2.93GHz	5162	358	27.46	\$187.99*
Intel Xeon X3480 @ 3.07GHz	5986	Insufficient data	NA	NA
Intel Xeon X5260 @ 3.33GHz	2486	848	17.76	\$139.99
Intel Xeon X5270 @ 3.50GHz	2499	842	NA	NA
Intel Xeon X5272 @ 3.40GHz	2486	847	5.78	\$429.95*
Intel Xeon X5355 @ 2.66GHz	3260	657	6.65	\$490.00*
Intel Xeon X5365 @ 3.00GHz	3544	592	25.02	\$141.68*
Intel Xeon X5450 @ 3.00GHz	4209	474	38.27	\$110.00*
Intel Xeon X5460 @ 3.16GHz	4474	433	59.67	\$74.99
Intel Xeon X5470 @ 3.33GHz	4754	400	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5472 @ 3.00GHz	4008	503	4.75	\$844.50*
Intel Xeon X5482 @ 3.20GHz	4736	402	49.87	\$94.99*
Intel Xeon X5492 @ 3.40GHz	4889	387	3.51	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5411	342	144.07	\$37.56*
Intel Xeon X5560 @ 2.80GHz	5452	337	32.26	\$168.99*
Intel Xeon X5570 @ 2.93GHz	5627	320	28.14	\$199.99*
Intel Xeon X5647 @ 2.93GHz	5949	293	4.93	\$1,207.50*
Intel Xeon X5650 @ 2.67GHz	7585	196	15.71	\$482.79
Intel Xeon X5660 @ 2.80GHz	7991	173	84.13	\$94.99*
Intel Xeon X5667 @ 3.07GHz	4655	Insufficient data	3.23	\$1,440.00*
Intel Xeon X5670 @ 2.93GHz	8163	165	46.55	\$175.38
Intel Xeon X5672 @ 3.20GHz	5148	Insufficient data	NA	NA
Intel Xeon X5675 @ 3.07GHz	8551	150	23.43	\$365.00
Intel Xeon X5677 @ 3.47GHz	7037	225	4.23	\$1,663.00*
Intel Xeon X5679 @ 3.20GHz	8652	147	NA	NA
Intel Xeon X5680 @ 3.33GHz	9023	129	40.49	\$222.85*
Intel Xeon X5687 @ 3.60GHz	7206	215	NA	NA
Intel Xeon X5690 @ 3.47GHz	9255	116	34.16	\$270.94
Intel Xeon X5698 @ 4.40GHz	4272	464	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	Insufficient data	NA	NA
Mobile AMD Athlon 4	314	1909	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	1860	NA	NA
Mobile AMD Athlon 64 2700+	398	1814	NA	NA
Mobile AMD Athlon 64 2800+	440	1764	NA	NA
Mobile AMD Athlon 64 3000+	450	1754	NA	NA
Mobile AMD Athlon 64 3200+	422	1782	NA	NA
Mobile AMD Athlon 64 3400+	511	1697	NA	NA
Mobile AMD Athlon 64 3700+	363	1855	NA	NA
Mobile AMD Athlon 64 4000+	614	1638	NA	NA
Mobile AMD Athlon 1400+	266	1984	NA	NA
Mobile AMD Athlon 2500+	370	1847	NA	NA
Mobile AMD Athlon MP-M 1800+	265	Insufficient data	NA	NA
Mobile AMD Athlon MP-M 2000+	378	1838	NA	NA
Mobile AMD Athlon MP-M 2400+	295	Insufficient data	NA	NA
Mobile AMD Athlon MP-M 2800+	496	1708	NA	NA
Mobile AMD Athlon XP	572	1661	NA	NA
Mobile AMD Athlon XP-M	512	1695	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2066	NA	NA
Mobile AMD Athlon XP-M 1500+	261	1990	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M 1600+	257	1994	NA	NA
Mobile AMD Athlon XP-M 1700+	323	1899	NA	NA
Mobile AMD Athlon XP-M 1800+	312	1911	NA	NA
Mobile AMD Athlon XP-M 1900+	342	1884	NA	NA
Mobile AMD Athlon XP-M 2000+	300	1931	NA	NA
Mobile AMD Athlon XP-M 2200+	376	1840	NA	NA
Mobile AMD Athlon XP-M 2400+	346	1880	NA	NA
Mobile AMD Athlon XP-M 2500+	369	1850	NA	NA
Mobile AMD Athlon XP-M 2600+	384	1832	NA	NA
Mobile AMD Athlon XP-M 2800+	398	1815	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M 3000+	365	1854	NA	NA
Mobile AMD Athlon XP-M 3100+	440	1765	NA	NA
Mobile AMD Athlon XP-M 3200+	487	1715	NA	NA
Mobile AMD Athlon XP-M (LV)	508	1699	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	1949	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	1933	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	1890	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	1844	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	1731	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	1700	NA	NA
Mobile AMD Sempron 2100+	254	1998	NA	NA
Mobile AMD Sempron 2600+	403	1805	NA	NA
Mobile AMD Sempron 2800+	354	1869	NA	NA
Mobile AMD Sempron 3000+	394	1824	NA	NA
Mobile AMD Sempron 3100+	414	1791	NA	NA
Mobile AMD Sempron 3200+	354	1868	NA	NA
Mobile AMD Sempron 3300+	460	1745	NA	NA
Mobile AMD Sempron 3400+	443	1763	NA	NA
Mobile AMD Sempron 3500+	403	1803	NA	NA
Mobile AMD Sempron 3600+	438	1768	NA	NA
Mobile AMD Sempron 3800+	517	1690	NA	NA
Mobile Intel Celeron 1.20GHz	170	2074	NA	NA
Mobile Intel Celeron 1.50GHz	188	2060	NA	NA
Mobile Intel Celeron 1.60GHz	188	2061	NA	NA
Mobile Intel Celeron 1.70GHz	181	2068	NA	NA
Mobile Intel Celeron 1.80GHz	186	2063	NA	NA
Mobile Intel Celeron 2.00GHz	241	2017	NA	NA
Mobile Intel Celeron 2.20GHz	253	1999	NA	NA
Mobile Intel Celeron 2.40GHz	239	2018	NA	NA
Mobile Intel Celeron 2.50GHz	281	1967	NA	NA
Mobile Intel Celeron 1200MHz	294	1934	NA	NA
Mobile Intel Celeron 1333MHz	309	1917	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	1972	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	1987	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	1970	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	1908	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	1887	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	1865	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	1767	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	1727	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2054	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	177	2070	0.91	\$194.99
Mobile Intel Pentium 4 - M 1.80GHz	221	2034	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2023	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	220	2035	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	211	2048	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2045	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	1996	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	1910	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium III - M 866MHz	211	2047	NA	NA
Mobile Intel Pentium III - M 933MHz	226	2028	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2006	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	1946	NA	NA
Mobile Intel Pentium III - M 1200MHz	263	1988	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	1947	NA	NA
Quad-Core AMD Opteron 1385	3620	574	<b>41.63</b>	<b>\$86.99</b>
VIA C3 Ezra	100	2097	NA	NA
VIA C7 1500MHz	284	1961	NA	NA
VIA C7-D 1500MHz	287	1955	NA	NA
VIA C7-D 1800MHz	195	2055	NA	NA
VIA C7-D 2000MHz	368	1852	NA	NA
VIA C7-M 1000MHz	164	2077	NA	NA
VIA C7-M 1200MHz	143	2086	NA	NA
VIA C7-M 1600MHz	188	2062	NA	NA
VIA C7-M 6300MHz	222	2032	NA	NA
VIA Eden 800MHz	155	2081	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	478	1729	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	1382	NA	NA
VIA Esther 1000MHz	169	2075	NA	NA
VIA Esther 1300MHz	250	2004	NA	NA
VIA Esther 1500MHz	219	2037	NA	NA
VIA Esther 2000MHz	394	1823	NA	NA
VIA Nano L1900@1400MHz	457	1749	NA	NA
VIA Nano L2007@1600MHz	381	1835	NA	NA
VIA Nano L2100@1800MHz	428	1778	NA	NA
VIA Nano L2207@1600MHz	340	Insufficient data	NA	NA
VIA Nano L3025@1600MHz	517	1691	NA	NA
VIA Nano L3050@1800MHz	581	1654	NA	NA
VIA Nano L3600@2000MHz	645	1624	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	1839	NA	NA
VIA Nano U2250@1300+MHz	286	1958	NA	NA
VIA Nano U2500@1200MHz	356	1866	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	1703	NA	NA
VIA Nano U3300@1200MHz	409	1793	NA	NA
VIA Nano U3500@1000MHz	306	1921	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	639	Insufficient data	NA	NA
VIA Nehemiah	155	2082	NA	NA
VIA QuadCore C4650@2.0GHz	1898	1033	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	Insufficient data	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	1363	NA	NA
VIA Samuel 2	79	2099	NA	NA

\* - Last price seen from our affiliates.



## Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Athlon 64 FX-72	3163	Insufficient data	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	3224	179	<b>3.23</b>	<b>\$999.00*</b>
[Dual CPU] AMD Athlon MP 2000+	604	Insufficient data	NA	NA
[Dual CPU] AMD Opteron 246	1130	201	<b>5.19</b>	<b>\$217.90</b>
[Dual CPU] AMD Opteron 248	1222	200	NA	NA
[Dual CPU] AMD Opteron 250	1407	199	<b>8.12</b>	<b>\$173.34*</b>
[Dual CPU] AMD Opteron 252	1524	198	<b>18.15</b>	<b>\$83.98*</b>

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 256	1853	Insufficient data	NA	NA
[Dual CPU] AMD Opteron 270	2135	195	1.75	\$1,219.92*
[Dual CPU] AMD Opteron 275	2101	196	9.64	\$217.90
[Dual CPU] AMD Opteron 280	2551	191	14.39	\$177.32
[Dual CPU] AMD Opteron 285	2772	188	NA	NA
[Dual CPU] AMD Opteron 290	2946	184	10.91	\$270.00*
[Dual CPU] AMD Opteron 885	2851	186	NA	NA
[Dual CPU] AMD Opteron 2212	2150	Insufficient data	6.72	\$319.90*
[Dual CPU] AMD Opteron 2214 HE	2310	Insufficient data	NA	NA
[Dual CPU] AMD Opteron 2216	2536	192	84.53	\$30.00*
[Dual CPU] AMD Opteron 2216 HE	2593	Insufficient data	NA	NA
[Dual CPU] AMD Opteron 2218	2665	189	1.56	\$1,711.44*
[Dual CPU] AMD Opteron 2218 HE	2397	Insufficient data	NA	NA
[Dual CPU] AMD Opteron 2220	2974	183	17.09	\$174.00*
[Dual CPU] AMD Opteron 2220 SE	2882	185	NA	NA
[Dual CPU] AMD Opteron 2222	3011	182	NA	NA
[Dual CPU] AMD Opteron 2222 SE	3303	178	117.96	\$28.00*
[Dual CPU] AMD Opteron 2346 HE	4095	172	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3313	177	NA	NA
[Dual CPU] AMD Opteron 2350	4421	167	8.19	\$539.98*
[Dual CPU] AMD Opteron 2354	4676	164	NA	NA
[Dual CPU] AMD Opteron 2356	4564	166	40.83	\$111.78*
[Dual CPU] AMD Opteron 2360 SE	5334	154	35.56	\$150.00
[Dual CPU] AMD Opteron 2376	5238	156	NA	NA
[Dual CPU] AMD Opteron 2378	5559	Insufficient data	15.53	\$358.00*
[Dual CPU] AMD Opteron 2380	5726	Insufficient data	150.68	\$38.00
[Dual CPU] AMD Opteron 2384	5918	145	NA	NA
[Dual CPU] AMD Opteron 2387	6441	137	NA	NA
[Dual CPU] AMD Opteron 2389	4910	160	NA	NA
[Dual CPU] AMD Opteron 2419	5571	151	27.86	\$199.98*
[Dual CPU] AMD Opteron 2425 HE	6209	141	NA	NA
[Dual CPU] AMD Opteron 2427	6175	142	19.15	\$322.46*
[Dual CPU] AMD Opteron 2435	7464	123	31.00	\$240.80*
[Dual CPU] AMD Opteron 2439 SE	8112	110	NA	NA
[Dual CPU] AMD Opteron 4122	4076	173	7.84	\$519.90
[Dual CPU] AMD Opteron 4170 HE	6038	Insufficient data	9.80	\$615.90
[Dual CPU] AMD Opteron 4184	7870	117	27.59	\$285.26
[Dual CPU] AMD Opteron 4226	8088	112	9.19	\$880.22
[Dual CPU] AMD Opteron 4234	9479	Insufficient data	15.55	\$609.72
[Dual CPU] AMD Opteron 4284	6506	Insufficient data	9.10	\$714.60*
[Dual CPU] AMD Opteron 4386	11888	72	16.51	\$719.98
[Dual CPU] AMD Opteron 6128	6893	132	10.02	\$687.92
[Dual CPU] AMD Opteron 6132 HE	8657	Insufficient data	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 6136	8054	Insufficient data	7.17	\$1,123.76
[Dual CPU] AMD Opteron 6168	7741	Insufficient data	9.26	\$835.86
[Dual CPU] AMD Opteron 6174	8874	100	28.63	\$310.00
[Dual CPU] AMD Opteron 6180 SE	3114	Insufficient data	NA	NA
[Dual CPU] AMD Opteron 6212	8955	96	5.41	\$1,654.76
[Dual CPU] AMD Opteron 6220	10269	Insufficient data	9.25	\$1,109.98*
[Dual CPU] AMD Opteron 6234	10504	Insufficient data	13.13	\$799.98*
[Dual CPU] AMD Opteron 6272	9941	86	14.59	\$681.50
[Dual CPU] AMD Opteron 6274	10729	78	6.13	\$1,749.90
[Dual CPU] AMD Opteron 6275	9936	Insufficient data	NA	NA
[Dual CPU] AMD Opteron 6276	10379	83	23.64	\$438.96
[Dual CPU] AMD Opteron 6308	8131	Insufficient data	7.89	\$1,029.98
[Dual CPU] AMD Opteron 6320	10230	Insufficient data	17.64	\$579.98
[Dual CPU] AMD Opteron 6328	11810	74	9.56	\$1,235.88
[Dual CPU] AMD Opteron 6344	11178	77	14.26	\$783.98
[Dual CPU] AMD Opteron 6348	12180	Insufficient data	10.15	\$1,199.98
[Dual CPU] AMD Opteron 6380	11602	Insufficient data	5.22	\$2,221.98

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	2588	Insufficient data	0.54	\$4,815.02*
[Dual CPU] AMD Opteron 8218	2831	Insufficient data	0.66	\$4,298.00*
[Dual CPU] AMD Opteron 8380	5643	Insufficient data	10.41	\$542.00
[Dual CPU] AMD Opteron 8431	5338	153	NA	NA
[Dual CPU] AMD Opteron 8435	7606	121	28.17	\$270.00*
[Dual CPU] AMD Opteron 8439 SE	8062	113	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	Insufficient data	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	Insufficient data	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	8355	106	4.20	\$1,990.00*
[Dual CPU] Intel Pentium III - S 1400MHz	543	209	NA	NA
[Dual CPU] Intel Pentium III family 1133MHz	450	Insufficient data	NA	NA
[Dual CPU] Intel Pentium III family 1266MHz	465	212	NA	NA
[Dual CPU] Intel Pentium III family 1400MHz	540	210	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	Insufficient data	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	Insufficient data	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	501	211	27.53	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	Insufficient data	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	654	207	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	791	206	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	208	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	876	205	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	890	204	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	919	203	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1938	197	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	964	202	0.57	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2156	194	9.71	\$222.04*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	193	4.36	\$530.00*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2623	190	131.28	\$19.98*
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	3058	181	153.05	\$19.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	3063	180	117.90	\$25.98*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3492	176	174.77	\$19.98*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3901	174	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 E5-2403 @ 1.80GHz	5988	Insufficient data	14.90	\$401.98*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7371	Insufficient data	10.57	\$697.58*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11832	73	14.61	\$810.00*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	12394	68	14.08	\$879.98
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	60	10.49	\$1,299.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	Insufficient data	NA	NA
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11876	Insufficient data	NA	NA
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	45	5.61	\$2,959.98*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6245	140	14.87	\$419.98*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6560	135	15.62	\$419.98
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	7878	Insufficient data	17.91	\$439.98
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8147	108	12.93	\$629.98*
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8705	102	14.51	\$599.98
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9812	88	16.09	\$609.98
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12626	66	12.55	\$1,006.40*
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13434	63	16.59	\$809.98
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15734	49	18.30	\$859.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14900	51	12.42	\$1,199.46*
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13979	58	11.46	\$1,219.98*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16195	46	13.38	\$1,210.32
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18733	34	13.77	\$1,359.98
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11980	Insufficient data	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	61	NA	NA
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	16148	47	7.56	\$2,136.48*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	17025	41	NA	NA
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14844	52	7.42	\$1,999.98
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14773	53	8.30	\$1,779.98



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20885	24	10.99	\$1,899.98
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13447	62	7.15	\$1,879.98*
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21291	21	6.55	\$3,249.98
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	19222	32	5.34	\$3,599.90*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12233	Insufficient data	NA	NA
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15278	50	6.76	\$2,259.98*
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19378	31	8.21	\$2,359.98
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	21242	22	9.03	\$2,352.00
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	55	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	17343	39	6.42	\$2,699.98*
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	20120	27	7.19	\$2,799.98
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	24235	12	8.36	\$2,899.98
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17738	37	7.36	\$2,410.08*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24804	8	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16924	42	5.29	\$3,199.98*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	23295	15	5.09	\$4,574.02*
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22357	20	5.59	\$3,995.98*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18653	36	6.02	\$3,099.98*
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	22373	19	7.17	\$3,119.98
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	23164	17	6.98	\$3,319.98
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	19973	29	NA	NA
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18711	35	5.17	\$3,619.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	23299	14	6.57	\$3,543.98
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	26123	5	7.26	\$3,599.98
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	21241	23	5.56	\$3,817.98*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	24493	10	5.83	\$4,199.98
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	25238	6	5.87	\$4,298.16
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	20362	26	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	20744	25	5.18	\$4,008.00*
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	24471	11	5.95	\$4,109.98
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	27747	3	6.45	\$4,299.98
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	23098	18	4.94	\$4,679.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	27455	4	5.75	\$4,772.62
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	24833	7	NA	NA
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23970	13	4.52	\$5,299.98
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	29935	2	5.52	\$5,421.02
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	30862	1	4.12	\$7,490.98*
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	23273	16	2.49	\$9,347.80*
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	30	NA	NA
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	33	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19996	28	2.56	\$7,799.98*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12822	Insufficient data	NA	NA
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	17541	38	2.83	\$6,199.98
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	Insufficient data	114.06	\$19.98*
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3667	175	23.17	\$158.28*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4294	168	5.65	\$759.90*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	Insufficient data	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4629	165	3.56	\$1,299.90*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5220	157	13.29	\$392.84*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5307	155	57.70	\$91.98*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6119	143	55.64	\$109.98*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6496	136	92.83	\$69.98*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6988	130	58.24	\$119.98*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7366	125	92.10	\$79.98*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7786	118	48.67	\$159.98*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7377	124	14.41	\$511.98*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7873	116	3.58	\$2,197.90*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	187	6.80	\$411.98*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4985	159	11.33	\$440.00*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5147	158	54.77	\$93.98*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5668	148	56.69	\$99.98*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7520	122	57.73	\$130.26*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7770	119	37.00	\$209.98*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	8138	109	35.71	\$227.90*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4232	171	9.53	\$443.98*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5588	150	9.01	\$619.98*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5984	144	10.57	\$565.98*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8267	107	25.37	\$325.80*
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8429	105	14.53	\$579.98*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8927	99	31.88	\$279.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10642	80	15.35	\$693.12*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10709	79	13.08	\$819.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	Insufficient data	NA	NA
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	Insufficient data	NA	NA
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	170	16.35	\$262.12*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	161	NA	NA
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	149	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6272	139	8.27	\$758.84*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6623	134	94.64	\$69.98*
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6901	131	38.34	\$179.98*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	114	NA	NA
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7271	127	8.06	\$902.10*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8930	98	NA	NA
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9657	90	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	10450	82	55.01	\$189.98*
[Dual CPU] Intel Xeon MP 2.50GHz	550	Insufficient data	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	Insufficient data	NA	NA
[Dual CPU] Intel Xeon MP 3.00GHz	652	Insufficient data	NA	NA
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10119	85	3.05	\$3,319.98*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10632	81	3.02	\$3,518.42*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	Insufficient data	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4824	163	17.23	\$279.98
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4866	162	5.66	\$859.90*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5917	146	6.04	\$980.00*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6402	138	22.59	\$283.36*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7708	120	35.04	\$220.00*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	8101	111	54.01	\$149.98
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8619	103	NA	NA
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7935	115	4.70	\$1,689.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8547	104	44.99	\$189.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	9017	95	3.24	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	9235	94	122.94	\$75.12*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9440	91	27.93	\$337.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9721	89	24.30	\$399.98*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	10253	84	4.25	\$2,415.00*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11715	76	12.13	\$965.58
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11927	71	62.78	\$189.98*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8809	101	3.06	\$2,880.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	13015	64	37.11	\$350.76
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	9278	92	NA	NA
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12822	65	17.56	\$730.00
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11771	75	3.54	\$3,326.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13674	59	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	14144	56	31.73	\$445.70*
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	12269	69	NA	NA
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	14388	54	26.55	\$541.88
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8974	Insufficient data	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6640	133	NA	NA
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	87	17.75	\$559.98
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	Insufficient data	26.44	\$439.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<b>CPU Name</b>	<b>Passmark CPU Mark (higher is better)</b>	<b>Rank (lower is better)</b>	<b>CPU Value (higher is better)</b>	<b>Price (USD)</b>
[Dual CPU] Quad-Core AMD Opteron 2352	4378	Insufficient data	18.71	\$234.00*
[Dual CPU] Quad-Core AMD Opteron 2358 SE	4910	Insufficient data	NA	NA
[Dual CPU] Quad-Core AMD Opteron 8350	4290	169	NA	NA
[Dual CPU] Quad-Core AMD Opteron 8356	4299	Insufficient data	15.22	\$282.46
[Dual CPU] Quad-Core AMD Opteron 8378	5382	152	36.03	\$149.38*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	7051	129	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	Insufficient data	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5897	147	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	Insufficient data	NA	NA
[Quad CPU] AMD Opteron 6136	9767	Insufficient data	4.35	\$2,247.52
[Quad CPU] AMD Opteron 6272	12587	67	9.23	\$1,363.00
[Quad CPU] AMD Opteron 6274	11383	Insufficient data	3.25	\$3,499.80
[Quad CPU] AMD Opteron 6276	16874	44	19.22	\$877.92
[Quad CPU] AMD Opteron 6278	12055	70	4.15	\$2,906.52*
[Quad CPU] AMD Opteron 8425 HE	7359	126	NA	NA
[Quad CPU] AMD Opteron 8431	8352	Insufficient data	NA	NA
[Quad CPU] AMD Opteron 8435	7099	128	13.15	\$540.00*
[Quad CPU] AMD Opteron 8439 SE	8943	97	NA	NA
[Quad CPU] Intel Xeon 3.00GHz	1472	Insufficient data	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	43	NA	NA
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24511	9	NA	NA
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	48	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	40	2.31	\$7,479.96
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	11752	Insufficient data	2.72	\$4,319.96
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	8353	Insufficient data	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	Insufficient data	NA	NA
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	11080	Insufficient data	NA	NA
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	Insufficient data	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9238	93	NA	NA
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	Insufficient data	10.27	\$1,119.96
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	14025	57	15.94	\$879.96
[Quad CPU] Quad-Core AMD Opteron 8356	7170	Insufficient data	12.69	\$564.92

\* - Last price seen from our affiliates.

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