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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.

**WEBINAR:**  
**Embedded Linux Boot Time Optimization**  
Speaker: Stefan Agner | Date: 15th December | Time: 9.00 a.m. CET

Free Registration

## Single CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	1977	NA	NA
AMD A4 Micro-6400T APU	1561	1206	NA	NA
AMD A4 PRO-3340B	2759	797	NA	NA
AMD A4 PRO-7300B APU	2451	881	NA	NA
AMD A4 PRO-7350B	2794	Insufficient data	NA	NA
AMD A4-1200 APU	640	1653	NA	NA
AMD A4-1250 APU	606	1667	NA	NA
AMD A4-3300 APU	1536	1214	53.00	\$28.99*
AMD A4-3300M APU	1210	1370	60.52	\$20.00*
AMD A4-3305M APU	1246	1354	NA	NA
AMD A4-3310MX APU	1352	1292	NA	NA
AMD A4-3320M APU	1252	1352	35.79	\$35.00
AMD A4-3330MX APU	1257	1349	NA	NA
AMD A4-3400 APU	1595	1192	14.64	\$108.95
AMD A4-3420 APU	1681	1152	NA	NA
AMD A4-4000 APU	1804	1092	32.06	\$56.30*
AMD A4-4020 APU	1668	1157	26.56	\$62.80
AMD A4-4300M APU	1693	1145	NA	NA
AMD A4-4355M APU	1164	1392	NA	NA
AMD A4-5000 APU	1892	1063	NA	NA
AMD A4-5100 APU	2099	994	NA	NA
AMD A4-5150M APU	1920	1046	NA	NA
AMD A4-5300 APU	2005	1019	30.25	\$66.30
AMD A4-5300B APU	1934	1042	50.90	\$38.00*
AMD A4-6210 APU	2119	985	NA	NA
AMD A4-6300 APU	2237	944	50.29	\$44.50
AMD A4-6300B APU	1934	1040	19.35	\$100.00*
AMD A4-6320 APU	2342	908	46.86	\$49.99*
AMD A4-7210 APU	2537	852	NA	NA
AMD A4-7300 APU	2178	965	48.42	\$44.99
AMD A6 PRO-7050B APU	1670	1156	NA	NA
AMD A6 PRO-7400B	3005	735	NA	NA
AMD A6-1450 APU	1509	1222	NA	NA
AMD A6-3400M APU	1934	1041	107.49	\$18.00*
AMD A6-3410MX APU	2119	984	NA	NA
AMD A6-3420M APU	2049	1003	NA	NA
AMD A6-3430MX APU	2279	928	NA	NA
AMD A6-3500 APU	2019	1015	13.91	\$145.15*
AMD A6-3600 APU	2762	796	39.49	\$69.95*
AMD A6-3620 APU	2857	771	47.64	\$59.99*
AMD A6-3650 APU	3202	689	33.98	\$94.24*
AMD A6-3670 APU	3247	678	3.10	\$1,048.85*
AMD A6-4400M APU	1625	1182	NA	NA
AMD A6-4455M APU	1283	1328	NA	NA
AMD A6-5200 APU	2417	888	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5345M APU	1413	1262	NA	NA
AMD A6-5350M APU	1938	1038	NA	NA
AMD A6-5357M APU	1831	1085	NA	NA
AMD A6-5400B APU	2142	975	20.39	\$105.04*
AMD A6-5400K APU	2137	977	53.46	\$39.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-6310 APU	2375	897	NA	NA
AMD A6-6400B APU	2160	967	NA	NA
AMD A6-6400K APU	2284	922	38.08	\$59.99
AMD A6-6420B APU	2612	Insufficient data	NA	NA
AMD A6-6420K APU	2076	998	29.95	\$69.35*
AMD A6-7000	1690	1146	NA	NA
AMD A6-7310 APU	2581	841	NA	NA
AMD A6-7400K APU	2859	770	43.99	\$64.99
AMD A6-8550	3104	710	NA	NA
AMD A8 PRO-7150B APU	2838	777	NA	NA
AMD A8 PRO-7600B APU	4932	386	NA	NA
AMD A8-3500M APU	2013	1017	51.63	\$39.00
AMD A8-3510MX APU	2416	889	NA	NA
AMD A8-3520M APU	2223	952	NA	NA
AMD A8-3530MX APU	2365	901	NA	NA
AMD A8-3550MX APU	2616	832	NA	NA
AMD A8-3800 APU	3149	703	20.11	\$156.59*
AMD A8-3820 APU	3217	685	26.96	\$119.34*
AMD A8-3850 APU	3521	614	33.53	\$105.04*
AMD A8-3870K APU	3622	587	27.87	\$129.99*
AMD A8-4500M APU	2665	818	NA	NA
AMD A8-4555M APU	2121	982	NA	NA
AMD A8-5500 APU	3996	517	23.84	\$167.63
AMD A8-5500B APU	3733	567	NA	NA
AMD A8-5545M APU	2576	843	NA	NA
AMD A8-5550M APU	3010	733	NA	NA
AMD A8-5557M APU	2976	744	NA	NA
AMD A8-5600K APU	4330	465	18.88	\$229.30
AMD A8-6410 APU	2514	858	NA	NA
AMD A8-6500 APU	4413	452	33.74	\$130.81*
AMD A8-6500B APU	4487	442	NA	NA
AMD A8-6500T APU	3424	640	NA	NA
AMD A8-6600K APU	4619	423	17.80	\$259.49
AMD A8-7100 APU	2876	766	NA	NA
AMD A8-7200P	3345	656	NA	NA
AMD A8-7410 APU	2570	844	NA	NA
AMD A8-7600 APU	5205	360	57.84	\$89.99
AMD A8-7650K	5172	362	45.61	\$113.41*
AMD A8-7670K	4467	444	27.28	\$163.79
AMD A8-8600P	3411	Insufficient data	NA	NA
AMD A8-8650	5579	326	NA	NA
AMD A10 Micro-6700T APU	1875	1072	NA	NA
AMD A10 PRO-7350B APU	3354	655	NA	NA
AMD A10 PRO-7800B APU	5313	351	NA	NA
AMD A10 PRO-7850B APU	5630	322	NA	NA
AMD A10-4600M APU	3122	707	NA	NA
AMD A10-4655M APU	2566	846	NA	NA
AMD A10-4657M APU	3449	Insufficient data	NA	NA
AMD A10-5700 APU	4221	484	19.41	\$217.52
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-5745M APU	2784	789	NA	NA
AMD A10-5750M APU	3375	652	NA	NA
AMD A10-5757M APU	3082	713	NA	NA
AMD A10-5800B APU	4612	424	NA	NA
AMD A10-5800K APU	4639	418	48.84	\$94.99
AMD A10-6700 APU	4625	422	12.05	\$383.69*
AMD A10-6700T APU	3748	561	13.73	\$272.94*
AMD A10-6790K APU	4626	421	38.24	\$121.00
AMD A10-6800B APU	5022	381	NA	NA
AMD A10-6800K APU	4929	387	35.46	\$139.00
AMD A10-7300 APU	3021	729	NA	NA
AMD A10-7400P	3714	573	NA	NA
AMD A10-7700K APU	5238	356	45.58	\$114.95
AMD A10-7800 APU	5205	359	40.99	\$126.99
AMD A10-7850K APU	5575	327	42.89	\$129.99
AMD A10-7870K	5497	332	39.27	\$139.99
AMD A10-8700P	3630	585	NA	NA
AMD A10-8750	4889	393	NA	NA
AMD Athlon64 X2 Dual Core 3800+	1002	1482	NA	NA
AMD Athlon64 X2 Dual Core 4200+	1038	1459	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1280	1332	NA	NA
AMD Athlon 4	279	1995	5.39	\$51.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 2000+	116	Insufficient data	NA	NA
AMD Athlon 64 2200+	575	1685	NA	NA
AMD Athlon 64 2600+	374	Insufficient data	NA	NA
AMD Athlon 64 2800+	435	1798	4.35	\$99.99*
AMD Athlon 64 3000+	463	1768	7.73	\$60.00
AMD Athlon 64 3200+	493	1735	3.29	\$149.95
AMD Athlon 64 3300+	576	1683	NA	NA
AMD Athlon 64 3400+	542	1699	NA	NA
AMD Athlon 64 3500+	539	1703	4.95	\$108.95*
AMD Athlon 64 3600+	601	1671	NA	NA
AMD Athlon 64 3700+	597	1672	5.98	\$99.95*
AMD Athlon 64 3800+	584	1679	9.75	\$60.00
AMD Athlon 64 4000+	618	1662	3.13	\$197.95*
AMD Athlon 64 FX-25	794	1587	NA	NA
AMD Athlon 64 FX-34	380	1862	NA	NA
AMD Athlon 64 FX-51	437	1795	NA	NA
AMD Athlon 64 FX-53	646	1647	NA	NA
AMD Athlon 64 FX-55	741	1605	1.22	\$608.95*
AMD Athlon 64 FX-57	730	1608	NA	NA
AMD Athlon 64 FX-59	715	Insufficient data	NA	NA
AMD Athlon 64 FX-60 Dual Core	1303	1318	NA	NA
AMD Athlon 64 FX-62 Dual Core	1539	1213	NA	NA
AMD Athlon 64 FX-72	1794	1096	NA	NA
AMD Athlon 64 FX-74	1495	1227	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	1505	NA	NA
AMD Athlon 64 X2 4200+	1285	1326	4.16	\$308.95
AMD Athlon 64 X2 4600+	1365	1283	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	1481	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	973	1496	16.22	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1005	1479	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1037	1460	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1099	1425	5.95	\$184.95
AMD Athlon 64 X2 Dual Core 4400+	1150	1402	5.78	\$198.95
AMD Athlon 64 X2 Dual Core 4600+	1223	1365	29.83	\$41.00
AMD Athlon 64 X2 Dual Core 4800+	1277	1334	2.78	\$459.95
AMD Athlon 64 X2 Dual Core 5000+	1318	1308	3.98	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1388	1273	23.15	\$60.00*
AMD Athlon 64 X2 Dual Core 5400+	1440	1253	27.18	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1473	1233	9.83	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1547	1211	17.19	\$90.00*
AMD Athlon 64 X2 Dual Core 6000+	1612	1185	27.12	\$59.45
AMD Athlon 64 X2 Dual Core 6400+	1790	1097	NA	NA
AMD Athlon 64 X2 Dual Core BE-230	1095	1428	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	1436	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	1456	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	848	1563	24.28	\$34.95*
AMD Athlon 64 X2 Dual Core TK-55	854	1560	14.80	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	1498	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	874	1548	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	804	1581	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	885	1544	16.85	\$52.59*
AMD Athlon 64 X2 Dual-Core TK-57	927	1524	NA	NA
AMD Athlon 64 X2 QL-60	921	1527	NA	NA
AMD Athlon 64 X2 QL-62	1014	1475	NA	NA
AMD Athlon 64 X2 QL-64	985	1490	NA	NA
AMD Athlon 64 X2 QL-65	1033	1461	NA	NA
AMD Athlon 64 X2 QL-66	938	1516	NA	NA
AMD Athlon 64 X2 QL-67	1144	1407	NA	NA
AMD Athlon 64 X2 TK-55	955	1509	NA	NA
AMD Athlon 64 X2 TK-57	988	1488	NA	NA
AMD Athlon 1500+	294	1963	NA	NA
AMD Athlon 1640B	670	1638	13.41	\$50.00*
AMD Athlon 1700+	349	1897	NA	NA
AMD Athlon 2000+	390	1853	NA	NA
AMD Athlon 2100+	412	1818	NA	NA
AMD Athlon 2200+	363	1883	4.55	\$79.99
AMD Athlon 2400+	462	1769	NA	NA
AMD Athlon 2500+	374	1867	13.82	\$27.09*
AMD Athlon 2600+	444	1788	4.23	\$104.95
AMD Athlon 2650e	415	1815	21.88	\$19.00*
AMD Athlon 2800+	447	1786	8.96	\$49.99*
AMD Athlon 2850e	503	1729	NA	NA
AMD Athlon 3100+	485	1745	NA	NA
AMD Athlon 3200+	458	1774	3.61	\$126.77
AMD Athlon 5000 Dual-Core	1230	1363	24.60	\$50.00*
AMD Athlon 5150 APU with Radeon R3	2046	1004	49.93	\$40.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 5200 Dual-Core	1229	1364	22.41	\$54.87*
AMD Athlon 5350 APU with Radeon R3	2589	838	51.79	\$49.99
AMD Athlon 7450 Dual-Core	1450	1249	NA	NA
AMD Athlon 7550 Dual-Core	1454	1248	24.23	\$60.00
AMD Athlon 7750 Dual-Core	1577	1199	17.53	\$89.99*
AMD Athlon 7850 Dual-Core	1696	1143	6.53	\$259.95*
AMD Athlon 7850 Dual-Core 2.8G	288	1980	NA	NA
AMD Athlon Dual Core 4050e	1098	1426	NA	NA
AMD Athlon Dual Core 4450B	1197	1378	70.42	\$17.00*
AMD Athlon Dual Core 4450e	1070	1442	NA	NA
AMD Athlon Dual Core 4850B	1471	1235	NA	NA
AMD Athlon Dual Core 4850e	1325	1306	33.99	\$39.00*
AMD Athlon Dual Core 5000B	1285	1327	13.53	\$95.00*
AMD Athlon Dual Core 5050e	1358	1290	22.64	\$60.00*
AMD Athlon Dual Core 5200B	1326	1305	NA	NA
AMD Athlon Dual Core 5400B	1456	1247	NA	NA
AMD Athlon Dual Core 5600B	1445	1250	NA	NA
AMD Athlon II 160u	552	1694	18.41	\$29.99*
AMD Athlon II 170u	616	1663	30.85	\$19.99
AMD Athlon II Dual-Core M300	1124	1414	NA	NA
AMD Athlon II Dual-Core M320	1152	1401	38.43	\$30.00*
AMD Athlon II Dual-Core M340	1006	1478	NA	NA
AMD Athlon II N330 Dual-Core	1154	1399	NA	NA
AMD Athlon II N350 Dual-Core	1232	1362	NA	NA
AMD Athlon II N370 Dual-Core	1578	1198	NA	NA
AMD Athlon II Neo K125	465	1766	NA	NA
AMD Athlon II Neo K145	551	1695	NA	NA
AMD Athlon II Neo K325 Dual-Core	780	1589	NA	NA
AMD Athlon II Neo K345 Dual-Core	844	1564	NA	NA
AMD Athlon II Neo N36L Dual-Core	805	1580	NA	NA
AMD Athlon II P320 Dual-Core	1220	1366	85.66	\$14.25
AMD Athlon II P340 Dual-Core	1282	1329	35.63	\$35.99*
AMD Athlon II P360 Dual-Core	1342	1298	70.68	\$19.00
AMD Athlon II X2 210e	1376	1276	NA	NA
AMD Athlon II X2 215	1586	1195	35.26	\$45.00*
AMD Athlon II X2 220	1654	1169	NA	NA
AMD Athlon II X2 225	1526	1216	NA	NA
AMD Athlon II X2 235e	1682	1150	88.53	\$19.00*
AMD Athlon II X2 240	1639	1173	56.54	\$29.00*
AMD Athlon II X2 240e	1720	1128	34.41	\$50.00
AMD Athlon II X2 245	1698	1138	21.40	\$79.35*
AMD Athlon II X2 245e	1655	1168	20.70	\$80.00*
AMD Athlon II X2 250	1767	1108	41.11	\$43.00*
AMD Athlon II X2 250e	1855	1077	24.18	\$76.73*
AMD Athlon II X2 250u	1017	1472	22.60	\$45.00*
AMD Athlon II X2 255	1849	1079	30.84	\$59.98*
AMD Athlon II X2 260	1894	1059	39.47	\$48.00
AMD Athlon II X2 260u	1130	1412	13.55	\$83.44*
AMD Athlon II X2 265	1866	1075	16.97	\$109.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 270	1998	1022	25.92	\$77.09*
AMD Athlon II X2 270u	1350	1293	19.96	\$67.67*
AMD Athlon II X2 280	2191	959	21.92	\$99.99*
AMD Athlon II X2 4300e	1464	1240	NA	NA
AMD Athlon II X2 4400e	1631	1178	NA	NA
AMD Athlon II X2 4450e	1532	Insufficient data	NA	NA
AMD Athlon II X2 B22	1663	1162	75.59	\$22.00
AMD Athlon II X2 B24	1836	1082	42.71	\$43.00*
AMD Athlon II X2 B26	1759	1111	47.55	\$37.00*
AMD Athlon II X2 B28	2089	995	43.53	\$48.00*
AMD Athlon II X3 400e	2018	1016	18.79	\$107.43*
AMD Athlon II X3 405e	2053	1002	25.68	\$79.99*
AMD Athlon II X3 415e	2248	937	29.99	\$75.00*
AMD Athlon II X3 420e	2264	931	19.48	\$116.27*
AMD Athlon II X3 425	2359	903	38.69	\$60.99*
AMD Athlon II X3 425e	2239	941	NA	NA
AMD Athlon II X3 435	2490	867	15.57	\$159.95*
AMD Athlon II X3 440	2583	840	51.69	\$49.99*
AMD Athlon II X3 445	2568	845	28.22	\$91.00*
AMD Athlon II X3 450	2625	829	33.37	\$78.69*
AMD Athlon II X3 455	2826	781	28.27	\$99.99*
AMD Athlon II X3 460	2914	759	18.22	\$159.95*
AMD Athlon II X4 553	3906	Insufficient data	NA	NA
AMD Athlon II X4 555	3512	616	NA	NA
AMD Athlon II X4 559	3984	521	NA	NA
AMD Athlon II X4 600e	2451	882	18.82	\$130.23*
AMD Athlon II X4 605e	2771	792	27.22	\$101.80*
AMD Athlon II X4 610e	2860	768	35.76	\$79.99
AMD Athlon II X4 615e	2876	765	48.76	\$59.00
AMD Athlon II X4 620	2975	745	26.43	\$112.60*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 620e	2906	762	NA	NA
AMD Athlon II X4 630	3175	698	37.36	\$85.00*
AMD Athlon II X4 631 Quad-Core	3178	696	17.96	\$177.00*
AMD Athlon II X4 635	3291	665	27.43	\$119.99*
AMD Athlon II X4 638 Quad-Core	3257	675	NA	NA
AMD Athlon II X4 640	3356	654	12.91	\$259.95
AMD Athlon II X4 641 Quad-Core	3437	636	51.33	\$66.97*
AMD Athlon II X4 645	3509	618	34.47	\$101.80*
AMD Athlon II X4 650	3499	621	21.01	\$166.60*
AMD Athlon II X4 651 Quad-Core	3611	591	20.29	\$178.04*
AMD Athlon II X4 655	2880	Insufficient data	NA	NA
AMD Athlon II X4 6400e	2594	836	NA	NA
AMD Athlon L110	321	1928	NA	NA
AMD Athlon LE-1600	574	1686	27.35	\$21.00*
AMD Athlon LE-1620	570	1689	31.70	\$18.00*
AMD Athlon LE-1640	629	1658	NA	NA
AMD Athlon LE-1660	720	1613	NA	NA
AMD Athlon MP	230	2050	8.98	\$25.68*
AMD Athlon MP 1700+	339	1911	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon MP 2400+	436	1796	NA	NA
AMD Athlon MP 2800+	497	1733	NA	NA
AMD Athlon Neo MV-40	400	1836	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1028	1466	NA	NA
AMD Athlon Neo X2 Dual Core L325	777	1591	NA	NA
AMD Athlon Neo X2 Dual Core L335	812	1578	NA	NA
AMD Athlon QI-46	473	1759	NA	NA
AMD Athlon TF-20	424	1807	NA	NA
AMD Athlon TF-36	450	1783	NA	NA
AMD Athlon X2 215	1575	1201	NA	NA
AMD Athlon X2 235e	1806	1091	NA	NA
AMD Athlon X2 240	1588	1194	NA	NA
AMD Athlon X2 240e	1670	1154	NA	NA
AMD Athlon X2 250	1697	1141	NA	NA
AMD Athlon X2 255	1627	1180	NA	NA
AMD Athlon X2 260	1910	1050	NA	NA
AMD Athlon X2 280	2303	Insufficient data	13.17	\$174.81*
AMD Athlon X2 340 Dual Core	1859	1076	36.58	\$50.83*
AMD Athlon X2 370K Dual Core	2296	919	NA	NA
AMD Athlon X2 440	1424	1258	NA	NA
AMD Athlon X2 Dual Core 3250e	789	1588	NA	NA
AMD Athlon X2 Dual Core 6850e	889	1542	NA	NA
AMD Athlon X2 Dual Core BE-2300	955	1508	NA	NA
AMD Athlon X2 Dual Core BE-2350	1065	1446	NA	NA
AMD Athlon X2 Dual Core BE-2400	1211	1369	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1353	NA	NA
AMD Athlon X2 Dual Core L310	655	1643	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	1476	NA	NA
AMD Athlon X3 425	2255	934	NA	NA
AMD Athlon X3 435	2461	877	25.78	\$95.49*
AMD Athlon X3 440	2256	932	25.65	\$87.99*
AMD Athlon X3 445	2314	913	NA	NA
AMD Athlon X3 450	3064	719	38.80	\$78.99*
AMD Athlon X3 455	2636	826	NA	NA
AMD Athlon X4 605e	2505	861	NA	NA
AMD Athlon X4 620	2906	761	34.61	\$83.99*
AMD Athlon X4 630	3141	705	34.15	\$92.00*
AMD Athlon X4 635	2891	763	23.71	\$121.99*
AMD Athlon X4 640	3461	631	NA	NA
AMD Athlon X4 645	3595	594	NA	NA
AMD Athlon X4 740 Quad Core	3946	527	14.25	\$277.00*
AMD Athlon X4 750 Quad Core	4492	440	NA	NA
AMD Athlon X4 750K Quad Core	4245	479	55.14	\$76.99*
AMD Athlon X4 760K Quad Core	4574	431	40.39	\$113.24*
AMD Athlon X4 840	5130	369	NA	NA
AMD Athlon X4 860K Quad Core	5610	324	80.00	\$70.13
AMD Athlon XP1600+	281	1992	NA	NA
AMD Athlon XP1700+	234	2045	NA	NA
AMD Athlon XP1900+	353	1895	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP2100+	287	1982	NA	NA
AMD Athlon XP2200+	401	1833	NA	NA
AMD Athlon XP2400+	391	1851	NA	NA
AMD Athlon XP 1500	282	1991	NA	NA
AMD Athlon XP 1500+	249	2033	NA	NA
AMD Athlon XP 1600+	266	2009	NA	NA
AMD Athlon XP 1700	344	1905	NA	NA
AMD Athlon XP 1700+	271	2006	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 1800+	307	1944	5.22	\$58.95*
AMD Athlon XP 1900+	303	1951	NA	NA
AMD Athlon XP 2000+	307	1942	12.32	\$24.99*
AMD Athlon XP 2100+	340	1910	NA	NA
AMD Athlon XP 2200+	326	1922	3.84	\$84.95*
AMD Athlon XP 2300+	464	1767	NA	NA
AMD Athlon XP 2400+	359	1885	3.99	\$89.99*
AMD Athlon XP 2500+	357	1889	NA	NA
AMD Athlon XP 2600+	370	1871	16.09	\$23.03*
AMD Athlon XP 2700+	389	1854	4.59	\$84.79*
AMD Athlon XP 2800+	397	1845	NA	NA
AMD Athlon XP 2900+	459	1773	NA	NA
AMD Athlon XP 3000+	399	1838	5.13	\$78.00*
AMD Athlon XP 3100+	483	1749	NA	NA
AMD Athlon XP 3200+	431	1800	NA	NA
AMD Athlon XP 3400+	570	1690	NA	NA
AMD Athlon XP Pro3+	367	1879	NA	NA
AMD Athlon XP-M	541	1701	9.02	\$60.00*
AMD C-30	328	1917	NA	NA
AMD C-50	467	1764	NA	NA
AMD C-60	460	1772	NA	NA
AMD C-60 APU	550	1696	NA	NA
AMD C-70 APU	568	1691	NA	NA
AMD E1 Micro-6200T APU + AMD Radeon R2 Graphics	960	Insufficient data	NA	NA
AMD E1-1200 APU	682	1634	NA	NA
AMD E1-1500 APU	698	1626	NA	NA
AMD E1-2100 APU	626	1659	NA	NA
AMD E1-2200 APU	767	Insufficient data	NA	NA
AMD E1-2500 APU	871	1550	NA	NA
AMD E1-6010 APU with AMD Radeon R2 Graphics	833	1573	NA	NA
AMD E1-6015 APU	946	1513	NA	NA
AMD E2-1800 APU	828	1574	NA	NA
AMD E2-2000 APU	841	1567	NA	NA
AMD E2-3000 APU	1090	1433	NA	NA
AMD E2-3000M APU	1109	1419	55.49	\$20.00*
AMD E2-3200 APU	1486	1231	NA	NA
AMD E2-3800 APU	1638	1174	NA	NA
AMD E2-6110 APU with AMD Radeon R2 Graphics	1878	1069	NA	NA
AMD E2-7110 APU	2036	1010	NA	NA
AMD E-240	331	1916	NA	NA
AMD E-300 APU	619	1661	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E-350	754	1598	NA	NA
AMD E-350 APU	702	1624	NA	NA
AMD E-350D APU	718	1616	NA	NA
AMD E-450 APU	774	1593	NA	NA
AMD Embedded R-Series RX-421BD	4628	420	NA	NA
AMD FX-670K Quad-Core	4442	448	NA	NA
AMD FX-770K Quad-Core	5052	378	NA	NA
AMD FX-4100 Quad-Core	4039	507	12.89	\$313.49*
AMD FX-4130 Quad-Core	4149	492	54.61	\$75.99
AMD FX-4150 Quad-Core	4539	433	NA	NA
AMD FX-4170 Quad-Core	4821	402	33.57	\$143.61*
AMD FX-4200 Quad-Core	4179	490	19.45	\$214.89*
AMD FX-4300 Quad-Core	4640	417	50.44	\$92.00
AMD FX-4350 Quad-Core	5209	358	61.29	\$84.99
AMD FX-6100 Six-Core	5405	348	25.45	\$212.38*
AMD FX-6120 Six-Core	5764	309	NA	NA
AMD FX-6130 Six-Core	6215	277	NA	NA
AMD FX-6200 Six-Core	6111	283	48.57	\$125.82
AMD FX-6300 Six-Core	6347	269	70.54	\$89.99
AMD FX-6350 Six-Core	6984	232	57.35	\$121.80
AMD FX-7500 APU	3228	683	NA	NA
AMD FX-7600P	4122	497	NA	NA
AMD FX-7600P APU with AMD Radeon R7 Graphics	4627	Insufficient data	NA	NA
AMD FX-8100 Eight-Core	6085	285	42.85	\$142.00*
AMD FX-8120 Eight-Core	6571	254	37.95	\$173.18*
AMD FX-8140 Eight-Core	5449	340	NA	NA
AMD FX-8150 Eight-Core	7629	193	35.99	\$211.99
AMD FX-8300 Eight-Core	7596	197	NA	NA
AMD FX-8310 Eight-Core	7688	190	NA	NA
AMD FX-8320 Eight-Core	8025	172	56.00	\$143.30
AMD FX-8320E Eight-Core	7412	207	49.75	\$149.00
AMD FX-8350 Eight-Core	8965	136	52.74	\$169.99
AMD FX-8370 Eight-Core	8993	134	44.97	\$199.99
AMD FX-8370E Eight-Core	7826	184	36.40	\$214.99
AMD FX-8800P	3958	523	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-9370 Eight-Core	9533	101	52.97	\$179.99
AMD FX-9590 Eight-Core	10267	66	51.34	\$199.99
AMD FX-B4150 Quad-Core	4412	Insufficient data	NA	NA
AMD G-T40E	482	1752	NA	NA
AMD G-T40N	516	1716	NA	NA
AMD G-T44R	227	2051	NA	NA
AMD G-T48E	716	1617	NA	NA
AMD G-T52R	303	1954	NA	NA
AMD G-T56E	751	1600	NA	NA
AMD G-T56N	802	1583	NA	NA
AMD Geode NX	264	2011	NA	NA
AMD Geode NX 1750	291	1967	NA	NA
AMD GX-210JA SOC	401	Insufficient data	NA	NA
AMD GX-217GA SOC	1031	1464	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD GX-412HC	1462	1245	NA	NA
AMD GX-415GA SOC	2007	1018	NA	NA
AMD GX-420CA SOC	2367	900	NA	NA
AMD GX-424CC SOC with Radeon R5E Graphics	2360	902	NA	NA
AMD K7	403	1827	NA	NA
AMD Opteron 140	396	1848	NA	NA
AMD Opteron 142	428	1804	NA	NA
AMD Opteron 144	511	1722	7.87	\$65.00*
AMD Opteron 146	532	1709	8.87	\$59.99*
AMD Opteron 148	603	1670	NA	NA
AMD Opteron 150	604	1668	NA	NA
AMD Opteron 152	658	1640	NA	NA
AMD Opteron 154	703	1622	NA	NA
AMD Opteron 165	905	1539	1.16	\$778.44*
AMD Opteron 170	1050	1453	NA	NA
AMD Opteron 175	1175	1386	NA	NA
AMD Opteron 180	1243	1356	10.37	\$120.00*
AMD Opteron 185	1359	1288	NA	NA
AMD Opteron 246	632	1657	5.80	\$108.95
AMD Opteron 248	476	1757	NA	NA
AMD Opteron 250	649	1646	7.49	\$86.67*
AMD Opteron 252	760	1596	18.10	\$41.99*
AMD Opteron 254	693	Insufficient data	NA	NA
AMD Opteron 256	963	1502	NA	NA
AMD Opteron 265	963	1503	6.02	\$159.95
AMD Opteron 270	1083	1435	1.78	\$609.96*
AMD Opteron 275	1291	1325	19.87	\$64.99
AMD Opteron 280	1369	1281	15.51	\$88.33*
AMD Opteron 285	1470	1237	NA	NA
AMD Opteron 290	1464	1239	10.85	\$135.00*
AMD Opteron 1210	923	1526	NA	NA
AMD Opteron 1210 HE	971	1497	NA	NA
AMD Opteron 1212	1015	1474	3.50	\$290.00
AMD Opteron 1212 HE	1308	1317	NA	NA
AMD Opteron 1214	1276	1335	4.40	\$290.00
AMD Opteron 1214 HE	1299	1319	NA	NA
AMD Opteron 1216	1392	1271	31.52	\$44.18*
AMD Opteron 1216 HE	1172	1388	NA	NA
AMD Opteron 1218	1468	1238	NA	NA
AMD Opteron 1218 HE	1444	1252	NA	NA
AMD Opteron 1220	1658	1166	NA	NA
AMD Opteron 1222	1740	1120	NA	NA
AMD Opteron 1352	2647	822	19.47	\$135.99*
AMD Opteron 1354	2622	831	8.46	\$309.97*
AMD Opteron 1356	2723	808	30.27	\$89.99*
AMD Opteron 1381	3065	718	NA	NA
AMD Opteron 2212	1270	1341	84.71	\$15.00
AMD Opteron 2214	1358	1289	3.02	\$449.30*
AMD Opteron 2214 HE	1415	1261	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2216	1518	1219	5.36	\$283.00
AMD Opteron 2218	1574	1202	1.84	\$855.72*
AMD Opteron 2220	1677	1153	6.77	\$248.00
AMD Opteron 2220 SE	1609	1186	NA	NA
AMD Opteron 2224 SE	1919	1047	NA	NA
AMD Opteron 2350	2820	782	10.45	\$269.99*
AMD Opteron 2356	2814	783	50.35	\$55.89*
AMD Opteron 2374 HE	2951	749	15.53	\$189.99*
AMD Opteron 2376	2283	923	13.69	\$166.80
AMD Opteron 2378	3179	695	17.76	\$179.00*
AMD Opteron 2380	2640	825	188.64	\$14.00
AMD Opteron 2384	3538	Insufficient data	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2386 SE	3538	608	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	24.41	\$185.00
AMD Opteron 2435	4708	Insufficient data	39.11	\$120.40*
AMD Opteron 3260 HE	3259	Insufficient data	NA	NA
AMD Opteron 3280	5271	353	19.30	\$273.18*
AMD Opteron 3350 HE	4009	513	NA	NA
AMD Opteron 3365	5499	331	NA	NA
AMD Opteron 3380	6384	267	NA	NA
AMD Opteron 4122	2942	750	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	409	22.53	\$210.49
AMD Opteron 6134	2938	751	3.92	\$750.00*
AMD Opteron 6164 HE	5351	Insufficient data	NA	NA
AMD Opteron 6174	6097	Insufficient data	35.37	\$172.40
AMD Opteron 6212	5776	Insufficient data	6.98	\$827.38
AMD Opteron 6234	5979	292	14.95	\$399.99*
AMD Opteron 6238	7316	Insufficient data	6.72	\$1,088.11*
AMD Opteron 6272	6759	244	20.80	\$325.00
AMD Opteron 6274	4865	Insufficient data	5.56	\$874.95*
AMD Opteron 6276	8932	Insufficient data	68.31	\$130.75
AMD Opteron 6282 SE	9116	125	8.36	\$1,089.99*
AMD Opteron 6287 SE	9595	Insufficient data	NA	NA
AMD Opteron 6328	8132	Insufficient data	13.23	\$614.82
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	2.50	\$859.99
AMD Opteron 6380	10082	73	9.07	\$1,110.99
AMD Opteron 8354	2255	933	150.36	\$15.00
AMD Phenom 2 X4 12000	3005	736	NA	NA
AMD Phenom 7950 Quad-Core	2991	739	NA	NA
AMD Phenom 8250 Triple-Core	1665	1160	NA	NA
AMD Phenom 8250e Triple-Core	1579	1196	33.60	\$46.99*
AMD Phenom 8400 Triple-Core	1667	1158	NA	NA
AMD Phenom 8450 Triple-Core	1893	1062	37.13	\$50.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8450e Triple-Core	2020	1013	NA	NA
AMD Phenom 8600 Triple-Core	1697	1139	32.04	\$52.99*
AMD Phenom 8600B Triple-Core	1926	1044	36.36	\$52.99*
AMD Phenom 8650 Triple-Core	2020	1014	40.42	\$49.99*
AMD Phenom 8750 Triple-Core	2132	979	NA	NA
AMD Phenom 8750B Triple-Core	2129	981	NA	NA
AMD Phenom 8850 Triple-Core	2237	945	NA	NA
AMD Phenom 8850B Triple-Core	2080	996	NA	NA
AMD Phenom 9100e Quad-Core	1882	1067	10.47	\$179.81*
AMD Phenom 9150e Quad-Core	2135	978	NA	NA
AMD Phenom 9350e Quad-Core	2349	907	12.05	\$194.99*
AMD Phenom 9450e Quad-Core	2644	824	25.19	\$105.00*
AMD Phenom 9500 Quad-Core	2230	950	24.79	\$89.96*
AMD Phenom 9550 Quad-Core	2562	847	25.64	\$99.97*
AMD Phenom 9600 Quad-Core	2322	911	16.59	\$140.00*
AMD Phenom 9600B Quad-Core	2607	834	17.71	\$147.19*
AMD Phenom 9650 Quad-Core	2662	819	24.20	\$110.00*
AMD Phenom 9750 Quad-Core	2837	778	25.80	\$109.99*
AMD Phenom 9750B Quad-Core	2790	786	NA	NA
AMD Phenom 9850 Quad-Core	2916	756	58.32	\$50.00*
AMD Phenom 9850B Quad-Core	3175	699	NA	NA
AMD Phenom 9950 Quad-Core	3057	720	19.48	\$156.99*
AMD Phenom FX-5000 Quad-Core	2551	850	NA	NA
AMD Phenom FX-5200 Quad-Core	2953	748	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	590	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	624	NA	NA
AMD Phenom II N620 Dual-Core	1697	1140	42.59	\$39.86
AMD Phenom II N640 Dual-Core	1654	1171	NA	NA
AMD Phenom II N660 Dual-Core	1853	1078	20.83	\$89.00*
AMD Phenom II N830 3+1	2703	Insufficient data	NA	NA
AMD Phenom II N830 Triple-Core	1895	1056	NA	NA
AMD Phenom II N850 Triple-Core	1984	1024	79.40	\$25.00*
AMD Phenom II N870 Triple-Core	1951	1034	NA	NA
AMD Phenom II N930 Quad-Core	2282	925	23.05	\$99.00*
AMD Phenom II N950 Quad-Core	2486	869	22.08	\$112.60*
AMD Phenom II N970 Quad-Core	2533	854	16.89	\$149.99*
AMD Phenom II P650 Dual-Core	1608	1187	45.95	\$35.00*
AMD Phenom II P820 Triple-Core	1567	1204	NA	NA
AMD Phenom II P840 Triple-Core	1722	1127	NA	NA
AMD Phenom II P860 Triple-Core	1742	1118	NA	NA
AMD Phenom II P920 Quad-Core	1908	1052	106.05	\$18.00*
AMD Phenom II P940 Quad-Core	1782	1103	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II P960 Quad-Core	2105	991	75.20	\$28.00*
AMD Phenom II X2 511	2103	992	NA	NA
AMD Phenom II X2 521	2151	971	NA	NA
AMD Phenom II X2 545	1891	1064	19.70	\$95.99*
AMD Phenom II X2 550	2058	1001	20.59	\$99.99*
AMD Phenom II X2 555	2076	999	6.92	\$299.95*
AMD Phenom II X2 560	2117	987	19.13	\$110.69*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X2 565	2201	957	32.18	\$68.40
AMD Phenom II X2 B53	1578	1197	NA	NA
AMD Phenom II X2 B55	1915	1048	39.91	\$48.00*
AMD Phenom II X2 B57	2040	1007	NA	NA
AMD Phenom II X2 B59	2138	976	NA	NA
AMD Phenom II X3 700e	2232	947	NA	NA
AMD Phenom II X3 705e	2233	946	14.66	\$152.34*
AMD Phenom II X3 710	2457	879	29.07	\$84.53*
AMD Phenom II X3 715	2649	820	31.17	\$84.99*
AMD Phenom II X3 720	2711	810	36.16	\$74.99*
AMD Phenom II X3 740	3043	726	34.20	\$88.99*
AMD Phenom II X3 B73	2752	800	36.71	\$75.00*
AMD Phenom II X3 B75	3158	702	NA	NA
AMD Phenom II X3 B77	3276	666	NA	NA
AMD Phenom II X4 805	2994	738	17.21	\$173.99*
AMD Phenom II X4 810	3193	691	27.53	\$115.99*
AMD Phenom II X4 820	3449	632	38.33	\$89.99*
AMD Phenom II X4 830	3547	604	54.60	\$64.98*
AMD Phenom II X4 840	3566	599	22.29	\$160.00*
AMD Phenom II X4 840T	3643	578	NA	NA
AMD Phenom II X4 850	3567	598	32.00	\$111.49*
AMD Phenom II X4 900e	2981	743	NA	NA
AMD Phenom II X4 905e	3069	717	15.79	\$194.46*
AMD Phenom II X4 910	3330	661	33.30	\$100.00*
AMD Phenom II X4 910e	3381	651	21.54	\$156.99*
AMD Phenom II X4 920	3476	628	24.84	\$140.00*
AMD Phenom II X4 925	3491	622	21.83	\$159.99*
AMD Phenom II X4 940	3642	579	34.69	\$104.99*
AMD Phenom II X4 945	3728	570	27.62	\$135.00*
AMD Phenom II X4 955	4011	512	33.43	\$119.99*
AMD Phenom II X4 960T	3866	542	19.33	\$200.00*
AMD Phenom II X4 965	4261	477	29.39	\$145.00*
AMD Phenom II X4 970	4427	449	35.42	\$124.99*
AMD Phenom II X4 973	3777	555	NA	NA
AMD Phenom II X4 975	4598	428	35.38	\$129.99*
AMD Phenom II X4 980	4609	425	33.73	\$136.64*
AMD Phenom II X4 8700e	2377	896	NA	NA
AMD Phenom II X4 B05e	2781	790	NA	NA
AMD Phenom II X4 B15e	2736	806	NA	NA
AMD Phenom II X4 B25	3525	612	NA	NA
AMD Phenom II X4 B35	3508	619	NA	NA
AMD Phenom II X4 B40	3393	647	NA	NA
AMD Phenom II X4 B45	3578	597	NA	NA
AMD Phenom II X4 B50	3764	558	NA	NA
AMD Phenom II X4 B55	3918	534	NA	NA
AMD Phenom II X4 B60	4141	494	NA	NA
AMD Phenom II X4 B65	4236	481	NA	NA
AMD Phenom II X4 B93	3443	634	NA	NA
AMD Phenom II X4 B95	3842	544	17.08	\$225.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B97	3994	519	NA	NA
AMD Phenom II X4 B99	4206	487	NA	NA
AMD Phenom II X6 1035T	4754	407	25.16	\$189.00*
AMD Phenom II X6 1045T	4897	391	27.67	\$177.00*
AMD Phenom II X6 1055T	5062	375	27.37	\$185.00*
AMD Phenom II X6 1065T	5159	366	NA	NA
AMD Phenom II X6 1075T	5437	343	20.91	\$259.99*
AMD Phenom II X6 1090T	5687	314	25.68	\$221.44*
AMD Phenom II X6 1100T	5863	303	14.81	\$395.99*
AMD Phenom II X620 Dual-Core	2189	960	NA	NA
AMD Phenom II X640 Dual-Core	2021	1012	NA	NA
AMD Phenom II X920 Quad-Core	2752	801	NA	NA
AMD Phenom II X940 Quad-Core	2695	Insufficient data	NA	NA
AMD Phenom Ultra X4 24500	3945	529	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1142	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	956	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1385	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1255	NA	NA
AMD Phenom X3 8550	1907	1053	11.23	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1710	1131	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X4 Quad-Core GP-9600	2281	927	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	809	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	815	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1368	NA	NA
AMD PRO A8-8600B	4315	468	NA	NA
AMD PRO A8-8650B	5435	344	NA	NA
AMD PRO A10-8700B	4423	450	NA	NA
AMD PRO A10-8750B	5650	317	NA	NA
AMD PRO A12-8800B	3953	525	NA	NA
AMD R-460L APU	1499	Insufficient data	NA	NA
AMD R-464L APU	3019	731	NA	NA
AMD RX-427BB	4022	509	NA	NA
AMD Sempron 130	673	1637	26.93	\$24.99*
AMD Sempron 140	745	1603	12.72	\$58.60*
AMD Sempron 145	802	1582	8.45	\$94.92
AMD Sempron 150	650	1645	8.95	\$72.64*
AMD Sempron 200U	267	2008	3.08	\$87.00*
AMD Sempron 210U	370	1870	NA	NA
AMD Sempron 2100+	392	1850	NA	NA
AMD Sempron 2200+	286	1983	9.56	\$29.99*
AMD Sempron 2300+	318	1932	NA	NA
AMD Sempron 2400+	311	1938	11.78	\$26.48
AMD Sempron 2500+	343	1907	4.29	\$79.95
AMD Sempron 2600+	375	1866	6.26	\$59.95
AMD Sempron 2650 APU with Radeon R3	840	1570	28.04	\$29.99
AMD Sempron 2800+	387	1855	12.93	\$29.99
AMD Sempron 3000+	406	1824	7.54	\$54.00
AMD Sempron 3100+	451	1781	7.52	\$60.00*
AMD Sempron 3200+	407	1823	15.68	\$25.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 3300+	485	1746	16.17	\$30.00
AMD Sempron 3400+	447	1787	31.94	\$14.00
AMD Sempron 3500+	402	1832	NA	NA
AMD Sempron 3600+	455	1777	37.96	\$12.00
AMD Sempron 3800+	482	1750	3.99	\$121.00
AMD Sempron 3850 APU with Radeon R3	1702	1136	51.62	\$32.99
AMD Sempron Dual Core 2100	869	1554	22.29	\$39.00*
AMD Sempron Dual Core 2200	933	1520	NA	NA
AMD Sempron Dual Core 2300	982	1491	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	1512	NA	NA
AMD Sempron Dual Core 4900	1081	1437	NA	NA
AMD Sempron LE-250	490	1741	NA	NA
AMD Sempron LE-1100	425	1805	NA	NA
AMD Sempron LE-1150	443	1789	NA	NA
AMD Sempron LE-1200	526	1710	NA	NA
AMD Sempron LE-1250	541	1700	18.68	\$28.99*
AMD Sempron LE-1300	619	1660	51.64	\$12.00
AMD Sempron LE-1600	535	1705	NA	NA
AMD Sempron LE-1620	635	1654	NA	NA
AMD Sempron LE-1640	759	1597	NA	NA
AMD Sempron M100	572	1687	47.75	\$12.00
AMD Sempron M120	576	1684	NA	NA
AMD Sempron SI-40	467	1765	38.95	\$12.00
AMD Sempron SI-42	453	1780	37.76	\$12.00
AMD Sempron X2 180	1252	1351	18.05	\$69.40*
AMD Sempron X2 190	1566	1205	18.77	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	Insufficient data	NA	NA
AMD Turion 64 Mobile MK-36	470	1763	NA	NA
AMD Turion 64 Mobile MK-38	506	1725	NA	NA
AMD Turion 64 Mobile ML-28	390	1852	NA	NA
AMD Turion 64 Mobile ML-30	397	1847	NA	NA
AMD Turion 64 Mobile ML-32	401	1834	NA	NA
AMD Turion 64 Mobile ML-34	431	1801	NA	NA
AMD Turion 64 Mobile ML-37	453	1778	2.31	\$196.50*
AMD Turion 64 Mobile ML-40	524	1711	NA	NA
AMD Turion 64 Mobile ML-42	615	1664	NA	NA
AMD Turion 64 Mobile ML-44	591	1675	NA	NA
AMD Turion 64 Mobile MT-28	419	1809	NA	NA
AMD Turion 64 Mobile MT-30	401	1835	NA	NA
AMD Turion 64 Mobile MT-32	424	1806	NA	NA
AMD Turion 64 Mobile MT-34	414	1817	NA	NA
AMD Turion 64 Mobile MT-37	484	1747	NA	NA
AMD Turion 64 Mobile MT-40	536	1704	NA	NA
AMD Turion 64 X2 Mobile TL-50	750	1601	41.81	\$17.95*
AMD Turion 64 X2 Mobile TL-52	754	1599	NA	NA
AMD Turion 64 X2 Mobile TL-56	876	1546	3.81	\$230.00*
AMD Turion 64 X2 Mobile TL-58	960	1504	NA	NA
AMD Turion 64 X2 Mobile TL-60	985	1489	36.50	\$26.99*
AMD Turion 64 X2 Mobile TL-62	1093	1430	3.52	\$311.00*

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)
AMD Turion 64 X2 Mobile TL-64	1106	1420	28.09	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1094	1429	2.90	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1146	1406	12.74	\$90.00*
AMD Turion Dual-Core RM-70	906	1538	60.41	\$15.00*
AMD Turion Dual-Core RM-72	806	1579	21.22	\$38.00
AMD Turion Dual-Core RM-74	1016	Insufficient data	NA	NA
AMD Turion Dual-Core RM-75	889	1543	80.89	\$10.99
AMD Turion II Dual-Core Mobile M500	1318	1310	NA	NA
AMD Turion II Dual-Core Mobile M520	1339	1299	18.68	\$71.73*
AMD Turion II Dual-Core Mobile M540	1295	1322	NA	NA
AMD Turion II N530 Dual-Core	1569	1203	52.32	\$30.00*
AMD Turion II N550 Dual-Core	1521	1218	NA	NA
AMD Turion II Neo K625 Dual-Core	973	1495	NA	NA
AMD Turion II Neo K685 Dual-Core	1158	1395	NA	NA
AMD Turion II Neo N40L Dual-Core	916	1532	NA	NA
AMD Turion II Neo N54L Dual-Core	1390	1272	NA	NA
AMD Turion II P520 Dual-Core	1345	1295	NA	NA
AMD Turion II P540 Dual-Core	1463	1243	54.19	\$27.00*
AMD Turion II P560 Dual-Core	1510	1221	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1395	1268	58.14	\$24.00*
AMD Turion II Ultra Dual-Core Mobile M620	1426	1257	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1660	1163	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1526	1217	NA	NA
AMD Turion Neo X2 Dual Core L625	867	1555	NA	NA
AMD Turion X2 Dual Core L510	871	1551	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	958	1506	7.23	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1047	1454	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	992	1487	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1103	1424	4.92	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1069	1443	35.72	\$29.95*
AMD Turion X2 Dual-Core Mobile RM-75	1142	1409	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1210	1371	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1003	1480	55.76	\$18.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1104	1422	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1188	1383	84.92	\$13.99
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1214	1367	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1206	1372	38.93	\$31.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1276	1336	31.95	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	982	1492	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1066	1445	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	Insufficient data	NA	NA
AMD V105	274	2002	NA	NA
AMD V120	641	1652	NA	NA
AMD V140	646	1648	49.75	\$13.00*
AMD V160	693	1629	NA	NA
AMD Z-01	523	1712	NA	NA
AMD Z-60 APU	555	1693	NA	NA
AMD-K6 3D	90	2124	NA	NA
AMD-K6-III	108	2121	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD-K7	403	1829	NA	NA
Athlon 64 Dual Core 3800+	1234	Insufficient data	NA	NA
Athlon 64 Dual Core 4200+	1156	1397	NA	NA
Athlon 64 Dual Core 4800+	1370	1279	NA	NA
Athlon 64 Dual Core 5000+	1497	1226	NA	NA
Athlon 64 Dual Core 5400+	1614	1183	NA	NA
Athlon 64 Dual Core 5600+	1548	1210	NA	NA
Athlon Dual Core 4050e	914	1534	NA	NA
Athlon Dual Core 4450e	1081	1438	NA	NA
Athlon Dual Core 4850e	1327	1303	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	779	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1093	1431	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1167	1391	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1252	1350	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1315	1311	NA	NA
HP Hexa-Core 2.0GHz	1964	1033	NA	NA
Intel 1300 @ 1.66GHz	857	1558	NA	NA
Intel 1400 @ 1.83GHz	980	1493	NA	NA
Intel 1500 @ 2.00GHz	1024	1468	NA	NA
Intel Atom 230 @ 1.60GHz	292	1966	NA	NA
Intel Atom 330 @ 1.60GHz	596	1673	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	3874	539	NA	NA
Intel Atom C2750 @ 2.41GHz	3560	601	NA	NA
Intel Atom C2758 @ 2.40GHz	3511	617	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D410 @ 1.66GHz	310	1939	0.49	\$635.99*
Intel Atom D425 @ 1.80GHz	346	1902	NA	NA
Intel Atom D510 @ 1.66GHz	670	1639	NA	NA
Intel Atom D525 @ 1.80GHz	698	1627	NA	NA
Intel Atom D2500 @ 1.86GHz	398	1842	NA	NA
Intel Atom D2550 @ 1.86GHz	658	1642	NA	NA
Intel Atom D2560 @ 2.00GHz	711	Insufficient data	NA	NA
Intel Atom D2700 @ 2.13GHz	851	1562	NA	NA
Intel Atom D2701 @ 2.13GHz	699	1625	NA	NA
Intel Atom E660 @ 1.30GHz	271	2005	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	1900	NA	NA
Intel Atom E3815 @ 1.46GHz	362	1884	NA	NA
Intel Atom E3825 @ 1.33GHz	505	1727	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	1393	NA	NA
Intel Atom E3845 @ 1.91GHz	1374	1277	NA	NA
Intel Atom K510 @ 1.66GHz	658	1641	NA	NA
Intel Atom N270 @ 1.60GHz	274	2004	NA	NA
Intel Atom N280 @ 1.66GHz	288	1978	NA	NA
Intel Atom N435 @ 1.33GHz	235	2044	NA	NA
Intel Atom N450 @ 1.66GHz	298	1958	NA	NA
Intel Atom N455 @ 1.66GHz	289	1974	NA	NA
Intel Atom N470 @ 1.83GHz	307	1943	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N475 @ 1.83GHz	325	1923	NA	NA
Intel Atom N550 @ 1.50GHz	516	1717	6.01	\$86.00*
Intel Atom N570 @ 1.66GHz	581	1680	6.76	\$86.00*
Intel Atom N2100 @ 1.60GHz	321	1927	NA	NA
Intel Atom N2600 @ 1.60GHz	532	1707	NA	NA
Intel Atom N2800 @ 1.86GHz	635	1655	NA	NA
Intel Atom S1260 @ 2.00GHz	916	Insufficient data	14.32	\$64.00*
Intel Atom x5-Z8300 @ 1.44GHz	642	1651	NA	NA
Intel Atom x5-Z8500 @ 1.44GHz	1192	1380	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1977	1027	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2081	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2065	NA	NA
Intel Atom Z520 @ 1.33GHz	223	2057	NA	NA
Intel Atom Z530 @ 1.60GHz	281	1994	NA	NA
Intel Atom Z540 @ 1.86GHz	348	1898	NA	NA
Intel Atom Z550 @ 2.00GHz	381	1858	NA	NA
Intel Atom Z670 @ 1.50GHz	249	2031	NA	NA
Intel Atom Z2760 @ 1.80GHz	578	1682	NA	NA
Intel Atom Z3735D @ 1.33GHz	920	1528	NA	NA
Intel Atom Z3735E @ 1.33GHz	907	1537	43.23	\$21.00*
Intel Atom Z3735F @ 1.33GHz	899	1540	6.92	\$129.99
Intel Atom Z3735G @ 1.33GHz	929	1522	NA	NA
Intel Atom Z3736F @ 1.33GHz	929	1523	NA	NA
Intel Atom Z3740 @ 1.33GHz	1066	1444	NA	NA
Intel Atom Z3740D @ 1.33GHz	1033	1462	NA	NA
Intel Atom Z3745 @ 1.33GHz	1118	1418	NA	NA
Intel Atom Z3745D @ 1.33GHz	1051	1452	NA	NA
Intel Atom Z3770 @ 1.46GHz	1272	1338	NA	NA
Intel Atom Z3770D @ 1.49GHz	805	Insufficient data	NA	NA
Intel Atom Z3775 @ 1.46GHz	1281	1331	36.61	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1235	1361	NA	NA
Intel Atom Z3795 @ 1.60GHz	1684	1149	NA	NA
Intel Celeron 1.70GHz	130	2117	NA	NA
Intel Celeron 1.80GHz	137	2113	NA	NA
Intel Celeron 2.00GHz	185	2089	NA	NA
Intel Celeron 2.10GHz	244	2038	NA	NA
Intel Celeron 2.13GHz	215	2069	NA	NA
Intel Celeron 2.20GHz	216	2068	NA	NA
Intel Celeron 2.26GHz	226	2055	NA	NA
Intel Celeron 2.30GHz	227	2052	NA	NA
Intel Celeron 2.40GHz	218	2066	NA	NA
Intel Celeron 2.50GHz	253	2025	NA	NA
Intel Celeron 2.53GHz	250	2029	NA	NA
Intel Celeron 2.60GHz	242	2039	NA	NA
Intel Celeron 2.66GHz	254	2023	NA	NA
Intel Celeron 2.70GHz	245	2037	NA	NA
Intel Celeron 2.80GHz	259	2017	NA	NA
Intel Celeron 2.93GHz	283	1988	NA	NA
Intel Celeron 3.06GHz	290	1969	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3.20GHz	292	1965	NA	NA
Intel Celeron 3.33GHz	358	1888	NA	NA
Intel Celeron 215 @ 1.33GHz	349	1896	NA	NA
Intel Celeron 220 @ 1.20GHz	345	1904	NA	NA
Intel Celeron 420 @ 1.60GHz	453	1779	3.24	\$139.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 430 @ 1.80GHz	493	1738	9.86	\$50.00*
Intel Celeron 440 @ 2.00GHz	532	1708	NA	NA
Intel Celeron 450 @ 2.20GHz	632	1656	NA	NA
Intel Celeron 530 @ 1.73GHz	482	1751	7.20	\$67.00*
Intel Celeron 540 @ 1.86GHz	516	1718	NA	NA
Intel Celeron 550 @ 2.00GHz	493	1736	NA	NA
Intel Celeron 560 @ 2.13GHz	539	1702	8.05	\$67.00*
Intel Celeron 570 @ 2.26GHz	588	1677	NA	NA
Intel Celeron 600MHz	147	2111	NA	NA
Intel Celeron 723 @ 1.20GHz	408	1821	NA	NA
Intel Celeron 743 @ 1.30GHz	409	1820	NA	NA
Intel Celeron 807 @ 1.50GHz	751	Insufficient data	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	1877	NA	NA
Intel Celeron 827E @ 1.40GHz	566	1692	NA	NA
Intel Celeron 847 @ 1.10GHz	954	1510	NA	NA
Intel Celeron 847E @ 1.10GHz	1017	1471	NA	NA
Intel Celeron 857 @ 1.20GHz	1156	1396	NA	NA
Intel Celeron 867 @ 1.30GHz	1202	1374	NA	NA
Intel Celeron 877 @ 1.40GHz	1313	1314	NA	NA
Intel Celeron 887 @ 1.50GHz	1314	1312	NA	NA
Intel Celeron 900 @ 2.20GHz	686	1631	NA	NA
Intel Celeron 925 @ 2.30GHz	691	1630	NA	NA
Intel Celeron 1000M @ 1.80GHz	1666	1159	NA	NA
Intel Celeron 1000MHz	241	2040	NA	NA
Intel Celeron 1005M @ 1.90GHz	1893	1061	NA	NA
Intel Celeron 1007U @ 1.50GHz	1418	1259	NA	NA
Intel Celeron 1017U @ 1.60GHz	1607	1188	NA	NA
Intel Celeron 1019Y @ 1.00GHz	954	1511	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	Insufficient data	NA	NA
Intel Celeron 1037U @ 1.80GHz	1738	1122	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1382	NA	NA
Intel Celeron 1066MHz	259	2018	NA	NA
Intel Celeron 1100MHz	174	2098	NA	NA
Intel Celeron 1133MHz	282	1989	NA	NA
Intel Celeron 1200MHz	263	2014	NA	NA
Intel Celeron 1300MHz	288	1979	NA	NA
Intel Celeron 1333MHz	290	1971	NA	NA
Intel Celeron 1400MHz	302	1955	NA	NA
Intel Celeron 2950M @ 2.00GHz	2102	993	NA	NA
Intel Celeron 2955U @ 1.40GHz	1462	1244	NA	NA
Intel Celeron 2957U @ 1.40GHz	1485	1232	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1073	1441	NA	NA
Intel Celeron 2970M @ 2.20GHz	2416	890	NA	NA
Intel Celeron 2980U @ 1.60GHz	1508	1223	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3205U @ 1.50GHz	1711	1130	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	1577	NA	NA
Intel Celeron B800 @ 1.50GHz	1318	1309	NA	NA
Intel Celeron B810 @ 1.60GHz	1327	1304	NA	NA
Intel Celeron B815 @ 1.60GHz	1362	1285	NA	NA
Intel Celeron B820 @ 1.70GHz	1456	1246	NA	NA
Intel Celeron B830 @ 1.80GHz	1528	1215	NA	NA
Intel Celeron B840 @ 1.90GHz	1783	1101	NA	NA
Intel Celeron D 347 @ 3.06GHz	286	1985	NA	NA
Intel Celeron D 352 @ 3.20GHz	307	1945	NA	NA
Intel Celeron D 356 @ 3.33GHz	322	1926	NA	NA
Intel Celeron D 360 @ 3.46GHz	324	1924	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	1825	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	1753	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	1678	NA	NA
Intel Celeron E1200 @ 1.60GHz	857	1559	19.94	\$42.99*
Intel Celeron E1400 @ 2.00GHz	1032	1463	26.47	\$39.00*
Intel Celeron E1500 @ 2.20GHz	1148	1403	44.19	\$25.99*
Intel Celeron E1600 @ 2.40GHz	1260	1346	NA	NA
Intel Celeron E3200 @ 2.40GHz	1370	1280	26.37	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1368	1282	24.89	\$54.99*
Intel Celeron E3400 @ 2.60GHz	1463	1242	29.28	\$49.99*
Intel Celeron E3500 @ 2.70GHz	1403	1263	14.72	\$95.36*
Intel Celeron G440 @ 1.60GHz	697	1628	13.94	\$49.99*
Intel Celeron G460 @ 1.80GHz	1021	1470	NA	NA
Intel Celeron G465 @ 1.90GHz	1120	1417	28.70	\$39.04*
Intel Celeron G470 @ 2.00GHz	1263	1345	NA	NA
Intel Celeron G530 @ 2.40GHz	2156	969	43.14	\$49.99*
Intel Celeron G530T @ 2.00GHz	1604	Insufficient data	NA	NA
Intel Celeron G540 @ 2.50GHz	2232	948	48.55	\$45.99*
Intel Celeron G540T @ 2.10GHz	2114	988	NA	NA
Intel Celeron G550 @ 2.60GHz	2314	914	46.30	\$49.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G550T @ 2.20GHz	2144	974	NA	NA
Intel Celeron G555 @ 2.70GHz	2479	872	41.33	\$59.99*
Intel Celeron G1101 @ 2.27GHz	1727	1125	20.33	\$85.00*
Intel Celeron G1610 @ 2.60GHz	2525	857	51.55	\$48.99*
Intel Celeron G1610T @ 2.30GHz	2352	905	56.01	\$42.00*
Intel Celeron G1620 @ 2.70GHz	2623	830	33.25	\$78.90*
Intel Celeron G1620T @ 2.40GHz	2287	920	54.46	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2535	853	42.27	\$59.99*
Intel Celeron G1820 @ 2.70GHz	2850	773	71.28	\$39.99
Intel Celeron G1820T @ 2.40GHz	2461	876	58.62	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2230	949	NA	NA
Intel Celeron G1830 @ 2.80GHz	2701	813	49.13	\$54.99
Intel Celeron G1840 @ 2.80GHz	3017	732	62.87	\$47.99
Intel Celeron G1840T @ 2.50GHz	2675	816	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1850 @ 2.90GHz	3071	716	55.85	\$54.99
Intel Celeron J1750 @ 2.41GHz	1048	Insufficient data	NA	NA
Intel Celeron J1800 @ 2.41GHz	1059	1448	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1184	NA	NA
Intel Celeron J1900 @ 1.99GHz	1881	1068	NA	NA
Intel Celeron M 1.00GHz	247	2034	NA	NA
Intel Celeron M 1.30GHz	320	1929	NA	NA
Intel Celeron M 1.50GHz	346	1901	NA	NA
Intel Celeron M 1.60GHz	370	1873	NA	NA
Intel Celeron M 1.70GHz	397	1844	NA	NA
Intel Celeron M 360 1.40GHz	328	1918	NA	NA
Intel Celeron M 410 @ 1.46GHz	335	1914	NA	NA
Intel Celeron M 420 @ 1.60GHz	341	1909	NA	NA
Intel Celeron M 430 @ 1.73GHz	381	1860	NA	NA
Intel Celeron M 440 @ 1.86GHz	399	1839	NA	NA
Intel Celeron M 443 @ 1.20GHz	274	2003	NA	NA
Intel Celeron M 450 @ 2.00GHz	449	1784	NA	NA
Intel Celeron M 520 @ 1.60GHz	429	1802	NA	NA
Intel Celeron M 530 @ 1.73GHz	461	1770	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	1698	NA	NA
Intel Celeron M 600MHz	151	2109	NA	NA
Intel Celeron M 723 @ 1.20GHz	418	1812	NA	NA
Intel Celeron M 900MHz	213	2071	NA	NA
Intel Celeron M 1200MHz	275	2001	NA	NA
Intel Celeron M 1300MHz	305	1949	NA	NA
Intel Celeron M 1500MHz	326	1921	NA	NA
Intel Celeron M ULV 800MHz	184	2092	NA	NA
Intel Celeron N2805 @ 1.46GHz	448	1785	NA	NA
Intel Celeron N2806 @ 1.60GHz	762	1595	NA	NA
Intel Celeron N2807 @ 1.58GHz	909	1536	NA	NA
Intel Celeron N2808 @ 1.58GHz	946	1514	NA	NA
Intel Celeron N2810 @ 2.00GHz	821	1576	NA	NA
Intel Celeron N2815 @ 1.86GHz	875	1547	NA	NA
Intel Celeron N2820 @ 2.13GHz	992	1486	NA	NA
Intel Celeron N2830 @ 2.16GHz	995	1483	NA	NA
Intel Celeron N2840 @ 2.16GHz	1059	1447	NA	NA
Intel Celeron N2910 @ 1.60GHz	1243	1357	NA	NA
Intel Celeron N2920 @ 1.86GHz	1543	1212	NA	NA
Intel Celeron N2930 @ 1.83GHz	1654	1170	NA	NA
Intel Celeron N2940 @ 1.83GHz	1784	1098	NA	NA
Intel Celeron N3050 @ 1.60GHz	734	1607	NA	NA
Intel Celeron N3150 @ 1.60GHz	1319	1307	NA	NA
Intel Celeron P4500 @ 1.87GHz	1189	1381	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	1484	NA	NA
Intel Celeron P4600 @ 2.00GHz	1385	1274	NA	NA
Intel Celeron SU2300 @ 1.20GHz	795	1586	NA	NA
Intel Celeron T1600 @ 1.66GHz	924	1525	NA	NA
Intel Celeron T1700 @ 1.83GHz	1058	1449	NA	NA
Intel Celeron U1900 @ 1.99GHz	1704	Insufficient data	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron U3400 @ 1.07GHz	735	1606	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	1632	NA	NA
Intel Celeron U3600 @ 1.20GHz	780	1590	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1053	1451	26.34	\$39.99*
Intel Core2 Duo E4400 @ 2.00GHz	1142	1408	10.58	\$108.00*
Intel Core2 Duo E4500 @ 2.20GHz	1274	1337	36.43	\$34.99
Intel Core2 Duo E4600 @ 2.40GHz	1396	1266	34.92	\$39.99*
Intel Core2 Duo E4700 @ 2.60GHz	1487	1229	14.88	\$100.00*
Intel Core2 Duo E6300 @ 1.86GHz	1125	1413	22.52	\$49.99
Intel Core2 Duo E6320 @ 1.86GHz	1186	1384	NA	NA
Intel Core2 Duo E6400 @ 2.13GHz	1299	1320	22.79	\$56.99*
Intel Core2 Duo E6420 @ 2.13GHz	1376	1275	NA	NA
Intel Core2 Duo E6540 @ 2.33GHz	1464	1241	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6550 @ 2.33GHz	1501	1224	41.71	\$35.99*
Intel Core2 Duo E6600 @ 2.40GHz	1561	1207	19.52	\$79.99*
Intel Core2 Duo E6700 @ 2.66GHz	1710	1132	5.90	\$289.99*
Intel Core2 Duo E6750 @ 2.66GHz	1730	1124	35.32	\$48.99*
Intel Core2 Duo E6850 @ 3.00GHz	1976	1028	9.88	\$199.95*
Intel Core2 Duo E7200 @ 2.53GHz	1659	1164	8.74	\$189.95*
Intel Core2 Duo E7300 @ 2.66GHz	1741	1119	NA	NA
Intel Core2 Duo E7400 @ 2.80GHz	1779	1104	34.23	\$51.99*
Intel Core2 Duo E7500 @ 2.93GHz	1895	1058	27.08	\$69.99*
Intel Core2 Duo E7600 @ 3.06GHz	2042	1006	13.62	\$149.95*
Intel Core2 Duo E8135 @ 2.40GHz	1681	1151	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1775	1105	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1885	1066	NA	NA
Intel Core2 Duo E8235 @ 2.80GHz	1973	1029	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	Insufficient data	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	2001	1020	50.05	\$39.99*
Intel Core2 Duo E8335 @ 2.66GHz	1754	1116	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2238	943	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2178	964	88.04	\$24.75
Intel Core2 Duo E8435 @ 3.06GHz	2161	966	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2318	912	79.94	\$29.00
Intel Core2 Duo E8600 @ 3.33GHz	2428	884	65.63	\$37.00
Intel Core2 Duo E8700 @ 3.50GHz	2212	954	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	727	1610	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	1633	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	841	1568	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	867	1556	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	969	1499	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	968	1500	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	Insufficient data	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1132	1411	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1416	1260	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1312	1316	65.67	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1297	1321	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1444	1251	36.12	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	1515	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P7550 @ 2.26GHz	1513	1220	6.58	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1439	1254	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	1469	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1472	1234	7.44	\$197.79*
Intel Core2 Duo P8600 @ 2.40GHz	1555	1208	32.42	\$47.99*
Intel Core2 Duo P8700 @ 2.53GHz	1659	1165	43.68	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1766	1109	30.99	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1600	1190	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1834	1084	5.39	\$340.00*
Intel Core2 Duo P9600 @ 2.53GHz	1755	1115	17.74	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1887	1065	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2022	1011	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	1676	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1314	1313	5.20	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1670	1155	5.88	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	956	1507	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	842	1566	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	825	1575	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	800	1584	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	937	1517	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	909	1535	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	918	1530	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	917	1531	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1040	1458	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1026	1467	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	1029	1465	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1091	1432	136.61	\$7.99
Intel Core2 Duo T5800 @ 2.00GHz	1104	1423	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1195	1379	149.56	\$7.99
Intel Core2 Duo T5870 @ 2.00GHz	1137	1410	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1268	1342	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1236	1360	82.50	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1312	1315	87.58	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1266	1343	126.79	\$9.99
Intel Core2 Duo T6600 @ 2.20GHz	1393	1270	139.46	\$9.99*
Intel Core2 Duo T6670 @ 2.20GHz	1395	1267	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1016	1473	46.21	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1169	1389	NA	NA
Intel Core2 Duo T7250 @ 2.00GHz	1122	1416	5.57	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1199	1375	38.71	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1270	1340	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1280	1333	29.78	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1330	1302	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T7700 @ 2.40GHz	1432	1256	30.48	\$46.99*
Intel Core2 Duo T7800 @ 2.60GHz	1636	1175	2.69	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1294	1324	92.51	\$13.99*
Intel Core2 Duo T8300 @ 2.40GHz	1486	1230	6.95	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1690	1147	29.14	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1772	1106	35.46	\$49.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T9500 @ 2.60GHz	1829	1086	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1796	1095	6.01	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1964	1032	30.23	\$64.99*
Intel Core2 Duo T9800 @ 2.93GHz	1932	1043	4.56	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2219	953	5.56	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	897	1541	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	608	1666	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	677	1636	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	719	1614	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	872	1549	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1153	1400	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1148	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3623	586	3.22	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3731	569	2.49	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3591	596	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1926	1045	7.31	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1093	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1301	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1717	1129	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1950	1035	NA	NA
Intel Core2 Extreme X9100 @ 3.06GHz	2148	972	2.53	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4335	463	7.11	\$610.00*
Intel Core2 Extreme X9750 @ 3.16GHz	4822	401	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4721	411	3.37	\$1,400.00*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	416	4.67	\$995.00*
Intel Core2 Quad Q6600 @ 2.40GHz	2986	741	17.57	\$170.00
Intel Core2 Quad Q6700 @ 2.66GHz	3343	658	15.20	\$220.00*
Intel Core2 Quad Q8200 @ 2.33GHz	2834	780	17.18	\$164.99*
Intel Core2 Quad Q8300 @ 2.50GHz	3031	728	21.66	\$140.00*
Intel Core2 Quad Q8400 @ 2.66GHz	3229	682	29.63	\$108.99*
Intel Core2 Quad Q9000 @ 2.00GHz	2554	849	6.57	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3201	690	8.30	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3193	692	33.62	\$94.99
Intel Core2 Quad Q9400 @ 2.66GHz	3431	639	22.14	\$154.95*
Intel Core2 Quad Q9450 @ 2.66GHz	3812	548	11.37	\$335.25*
Intel Core2 Quad Q9500 @ 2.83GHz	3733	566	23.34	\$159.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3645	577	14.74	\$247.23*
Intel Core2 Quad Q9550 @ 2.83GHz	4051	506	18.11	\$223.72
Intel Core2 Quad Q9650 @ 3.00GHz	4270	475	16.43	\$259.95
Intel Core2 Quad Q9705 @ 3.16GHz	3947	526	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	303	1953	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	1937	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	1814	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	470	1762	NA	NA
Intel Core 330 @ 1.60GHz	643	1650	NA	NA
Intel Core Duo L2300 @ 1.50GHz	719	1615	NA	NA
Intel Core Duo L2400 @ 1.66GHz	702	1623	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	1609	NA	NA
Intel Core Duo T2050 @ 1.60GHz	710	1620	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo T2250 @ 1.73GHz	769	1594	NA	NA
Intel Core Duo T2300 @ 1.66GHz	742	1604	NA	NA
Intel Core Duo T2350 @ 1.86GHz	774	1592	NA	NA
Intel Core Duo T2400 @ 1.83GHz	796	1585	49.81	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	838	1571	NA	NA
Intel Core Duo T2500 @ 2.00GHz	876	1545	7.30	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	936	1518	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1047	1455	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	1697	NA	NA
Intel Core Duo U2500 @ 1.20GHz	512	1720	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1039	NA	NA
Intel Core i3-330M @ 2.13GHz	1807	1090	NA	NA
Intel Core i3-330UM @ 1.20GHz	1106	1421	NA	NA
Intel Core i3-350M @ 2.27GHz	1910	1051	45.49	\$41.99*
Intel Core i3-370M @ 2.40GHz	2038	1008	37.75	\$53.99*
Intel Core i3-380M @ 2.53GHz	2119	986	35.92	\$58.99*
Intel Core i3-380UM @ 1.33GHz	1197	1376	NA	NA
Intel Core i3-390M @ 2.67GHz	2239	942	NA	NA
Intel Core i3-530 @ 2.93GHz	2579	842	20.63	\$125.00*
Intel Core i3-540 @ 3.07GHz	2708	811	15.05	\$179.95*
Intel Core i3-550 @ 3.20GHz	2857	772	18.32	\$155.99*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-560 @ 3.33GHz	3039	727	15.28	\$198.95*
Intel Core i3-2100 @ 3.10GHz	3632	583	24.22	\$149.99*
Intel Core i3-2100T @ 2.50GHz	2845	774	19.19	\$148.28*
Intel Core i3-2105 @ 3.10GHz	3732	568	25.74	\$144.99*
Intel Core i3-2120 @ 3.30GHz	3871	541	17.60	\$219.95*
Intel Core i3-2120T @ 2.60GHz	3177	697	24.04	\$132.17*
Intel Core i3-2125 @ 3.30GHz	3999	515	26.67	\$149.99*
Intel Core i3-2130 @ 3.40GHz	4059	503	13.83	\$293.59*
Intel Core i3-2140 @ 3.50GHz	4325	466	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	776	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2420	887	44.84	\$53.99*
Intel Core i3-2312M @ 2.10GHz	2244	939	NA	NA
Intel Core i3-2328M @ 2.20GHz	2503	862	NA	NA
Intel Core i3-2330E @ 2.20GHz	3004	737	NA	NA
Intel Core i3-2330M @ 2.20GHz	2531	855	30.87	\$81.99*
Intel Core i3-2332M @ 2.20GHz	2382	895	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	Insufficient data	NA	NA
Intel Core i3-2348M @ 2.30GHz	2598	835	NA	NA
Intel Core i3-2350M @ 2.30GHz	2632	828	NA	NA
Intel Core i3-2357M @ 1.30GHz	1627	1181	NA	NA
Intel Core i3-2365M @ 1.40GHz	1663	1161	NA	NA
Intel Core i3-2367M @ 1.40GHz	1696	1144	NA	NA
Intel Core i3-2370M @ 2.40GHz	2750	802	29.90	\$91.99*
Intel Core i3-2375M @ 1.50GHz	1758	1113	NA	NA
Intel Core i3-2377M @ 1.50GHz	1835	1083	NA	NA
Intel Core i3-3110M @ 2.40GHz	3051	722	28.79	\$105.99*
Intel Core i3-3120M @ 2.50GHz	3231	680	27.39	\$117.99*
Intel Core i3-3130M @ 2.60GHz	3345	657	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3210 @ 3.20GHz	3941	531	13.43	\$293.59*
Intel Core i3-3217U @ 1.80GHz	2285	921	NA	NA
Intel Core i3-3217UE @ 1.60GHz	2228	951	NA	NA
Intel Core i3-3220 @ 3.30GHz	4211	486	33.66	\$125.09
Intel Core i3-3220T @ 2.80GHz	3703	574	21.56	\$171.77*
Intel Core i3-3225 @ 3.30GHz	4354	460	31.74	\$137.18*
Intel Core i3-3227U @ 1.90GHz	2467	875	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1708	1134	NA	NA
Intel Core i3-3240 @ 3.40GHz	4310	469	29.47	\$146.26
Intel Core i3-3240T @ 2.90GHz	3721	571	NA	NA
Intel Core i3-3245 @ 3.40GHz	4233	482	16.73	\$253.06*
Intel Core i3-3250 @ 3.50GHz	4512	437	34.71	\$130.00
Intel Core i3-4000M @ 2.40GHz	3252	677	29.57	\$109.99*
Intel Core i3-4005U @ 1.70GHz	2468	874	NA	NA
Intel Core i3-4010U @ 1.70GHz	2444	883	9.05	\$269.99*
Intel Core i3-4010Y @ 1.30GHz	1818	1088	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2189	961	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2179	963	NA	NA
Intel Core i3-4025U @ 1.90GHz	2767	794	NA	NA
Intel Core i3-4030U @ 1.90GHz	2702	812	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2471	873	NA	NA
Intel Core i3-4100M @ 2.50GHz	3486	625	NA	NA
Intel Core i3-4110M @ 2.60GHz	3873	540	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	Insufficient data	NA	NA
Intel Core i3-4130 @ 3.40GHz	4786	403	40.56	\$118.00
Intel Core i3-4130T @ 2.90GHz	4129	496	30.72	\$134.40
Intel Core i3-4150 @ 3.50GHz	4901	390	40.18	\$121.99
Intel Core i3-4150T @ 3.00GHz	4120	498	35.22	\$117.00*
Intel Core i3-4158U @ 2.00GHz	3077	715	NA	NA
Intel Core i3-4160 @ 3.60GHz	5043	379	42.06	\$119.89
Intel Core i3-4160T @ 3.10GHz	4385	455	NA	NA
Intel Core i3-4170 @ 3.70GHz	5171	363	43.10	\$120.00
Intel Core i3-4170T @ 3.20GHz	4516	436	NA	NA
Intel Core i3-4330 @ 3.50GHz	5058	376	37.54	\$134.73
Intel Core i3-4330T @ 3.00GHz	4483	443	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3224	684	NA	NA
Intel Core i3-4340 @ 3.60GHz	5188	361	32.43	\$159.99
Intel Core i3-4350 @ 3.60GHz	5264	354	35.10	\$149.99
Intel Core i3-4350T @ 3.10GHz	4567	432	NA	NA
Intel Core i3-4360 @ 3.70GHz	5493	333	36.62	\$149.99
Intel Core i3-4360T @ 3.20GHz	4874	396	NA	NA
Intel Core i3-4370 @ 3.80GHz	5547	329	37.74	\$146.99
Intel Core i3-4570T @ 2.90GHz	5094	371	NA	NA
Intel Core i3-5005U @ 2.00GHz	2915	758	NA	NA
Intel Core i3-5010U @ 2.10GHz	3048	725	NA	NA
Intel Core i3-5015U @ 2.10GHz	3173	700	NA	NA
Intel Core i3-5020U @ 2.20GHz	3207	687	NA	NA
Intel Core i3-5157U @ 2.50GHz	3631	Insufficient data	NA	NA
Intel Core i3-6100 @ 3.70GHz	5526	330	42.52	\$129.99

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 Core i3-6100H @ 2.70GHz	3946	528	NA	NA
Intel Core i3-6100T @ 3.20GHz	4690	Insufficient data	NA	NA
Intel Core i3-6100U @ 2.30GHz	3446	633	NA	NA
Intel Core i3-6300 @ 3.80GHz	5894	299	38.03	\$154.99
Intel Core i3-6300T @ 3.30GHz	4886	Insufficient data	NA	NA
Intel Core i3-6320 @ 3.90GHz	5773	307	33.97	\$169.99
Intel Core i5 750S @ 2.40GHz	2197	958	NA	NA
Intel Core i5 E 520 @ 2.40GHz	2486	Insufficient data	NA	NA
Intel Core i5-430M @ 2.27GHz	2120	983	NA	NA
Intel Core i5-430UM @ 1.20GHz	1356	1291	NA	NA
Intel Core i5-450M @ 2.40GHz	2147	973	NA	NA
Intel Core i5-460M @ 2.53GHz	2352	906	NA	NA
Intel Core i5-470UM @ 1.33GHz	1281	1330	NA	NA
Intel Core i5-480M @ 2.67GHz	2457	878	NA	NA
Intel Core i5-520 @ 2.40GHz	2244	940	NA	NA
Intel Core i5-520M @ 2.40GHz	2403	891	10.01	\$239.99*
Intel Core i5-520UM @ 1.07GHz	1371	1278	NA	NA
Intel Core i5-540M @ 2.53GHz	2452	880	6.54	\$375.13*
Intel Core i5-540UM @ 1.20GHz	1398	1265	NA	NA
Intel Core i5-560M @ 2.67GHz	2646	823	10.59	\$249.99*
Intel Core i5-560UM @ 1.33GHz	1727	1126	NA	NA
Intel Core i5-580M @ 2.67GHz	2724	807	NA	NA
Intel Core i5-650 @ 3.20GHz	3148	704	34.99	\$89.99*
Intel Core i5-655K @ 3.20GHz	3364	653	NA	NA
Intel Core i5-660 @ 3.33GHz	3276	667	9.64	\$339.95*
Intel Core i5-661 @ 3.33GHz	3192	693	15.21	\$209.99*
Intel Core i5-670 @ 3.47GHz	3332	660	19.04	\$175.00*
Intel Core i5-680 @ 3.60GHz	3595	595	11.02	\$326.35*
Intel Core i5-750 @ 2.67GHz	3735	565	18.22	\$205.00*
Intel Core i5-760 @ 2.80GHz	3932	533	25.53	\$154.03
Intel Core i5-2300 @ 2.80GHz	5302	352	25.25	\$209.99
Intel Core i5-2310 @ 2.90GHz	5458	339	32.11	\$169.99*
Intel Core i5-2320 @ 3.00GHz	5685	315	20.30	\$280.00*
Intel Core i5-2380P @ 3.10GHz	5700	313	26.90	\$211.91*
Intel Core i5-2390T @ 2.70GHz	4307	470	NA	NA
Intel Core i5-2400 @ 3.10GHz	5825	304	29.88	\$194.99
Intel Core i5-2400S @ 2.50GHz	4873	397	18.05	\$269.95*
Intel Core i5-2405S @ 2.50GHz	4889	394	14.82	\$330.02*
Intel Core i5-2410M @ 2.30GHz	3158	701	23.41	\$134.95*
Intel Core i5-2415M @ 2.30GHz	3256	676	NA	NA
Intel Core i5-2430M @ 2.40GHz	3274	668	33.42	\$97.99*
Intel Core i5-2435M @ 2.40GHz	3259	674	NA	NA
Intel Core i5-2450M @ 2.50GHz	3406	645	29.89	\$113.99*
Intel Core i5-2450P @ 3.20GHz	6063	287	28.20	\$214.99*
Intel Core i5-2467M @ 1.60GHz	2338	910	NA	NA
Intel Core i5-2500 @ 3.30GHz	6225	276	21.77	\$285.99
Intel Core i5-2500K @ 3.30GHz	6460	261	10.71	\$603.00*
Intel Core i5-2500S @ 2.70GHz	5160	365	33.95	\$152.00*
Intel Core i5-2500T @ 2.30GHz	4609	426	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2510E @ 2.50GHz	3631	584	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	663	NA	NA
Intel Core i5-2520M @ 2.50GHz	3556	603	25.77	\$137.99*
Intel Core i5-2537M @ 1.40GHz	2152	970	NA	NA
Intel Core i5-2540M @ 2.60GHz	3735	564	26.69	\$139.99*
Intel Core i5-2550K @ 3.40GHz	6768	242	23.67	\$285.95*
Intel Core i5-2557M @ 1.70GHz	2672	817	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	560	NA	NA
Intel Core i5-3210M @ 2.50GHz	3790	554	25.10	\$150.99*
Intel Core i5-3230M @ 2.60GHz	3917	535	17.41	\$225.00*
Intel Core i5-3317U @ 1.70GHz	3090	712	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	3999	516	16.66	\$239.99*
Intel Core i5-3330 @ 3.00GHz	5871	301	18.94	\$309.95*
Intel Core i5-3330S @ 2.70GHz	5601	325	NA	NA
Intel Core i5-3335S @ 2.70GHz	5775	306	NA	NA
Intel Core i5-3337U @ 1.80GHz	3213	686	14.28	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2184	962	NA	NA
Intel Core i5-3340 @ 3.10GHz	5987	291	27.95	\$214.24*
Intel Core i5-3340M @ 2.70GHz	4148	493	NA	NA
Intel Core i5-3340S @ 2.80GHz	5667	316	28.34	\$199.99*
Intel Core i5-3350P @ 3.10GHz	6086	284	32.04	\$189.99*
Intel Core i5-3360M @ 2.80GHz	4330	464	14.93	\$289.99*
Intel Core i5-3380M @ 2.90GHz	4295	472	NA	NA
Intel Core i5-3427U @ 1.80GHz	3529	611	NA	NA
Intel Core i5-3437U @ 1.90GHz	3558	602	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2933	753	NA	NA
Intel Core i5-3450 @ 3.10GHz	6448	263	12.29	\$524.58*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3450S @ 2.80GHz	5987	290	29.00	\$206.51*
Intel Core i5-3470 @ 3.20GHz	6567	255	19.91	\$329.95
Intel Core i5-3470S @ 2.90GHz	6213	278	19.42	\$319.95*
Intel Core i5-3470T @ 2.90GHz	4506	438	19.18	\$234.95*
Intel Core i5-3475S @ 2.90GHz	6270	272	NA	NA
Intel Core i5-3550 @ 3.30GHz	6820	238	31.43	\$217.00
Intel Core i5-3550S @ 3.00GHz	6776	240	NA	NA
Intel Core i5-3570 @ 3.40GHz	6984	233	17.08	\$408.95
Intel Core i5-3570K @ 3.40GHz	7151	222	16.67	\$428.99
Intel Core i5-3570S @ 3.10GHz	6561	256	NA	NA
Intel Core i5-3570T @ 2.30GHz	5868	302	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3622	588	NA	NA
Intel Core i5-4200H @ 2.80GHz	4452	446	NA	NA
Intel Core i5-4200M @ 2.50GHz	4059	504	22.55	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3273	669	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2352	904	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2250	936	NA	NA
Intel Core i5-4210H @ 2.90GHz	4535	434	NA	NA
Intel Core i5-4210M @ 2.60GHz	4220	485	22.21	\$189.99*
Intel Core i5-4210U @ 1.70GHz	3389	649	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2340	909	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2667	Insufficient data	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4250U @ 1.30GHz	3465	630	10.35	\$334.99*
Intel Core i5-4258U @ 2.40GHz	4021	510	NA	NA
Intel Core i5-4260U @ 1.40GHz	3536	609	NA	NA
Intel Core i5-4278U @ 2.60GHz	4340	462	NA	NA
Intel Core i5-4288U @ 2.60GHz	4449	447	NA	NA
Intel Core i5-4300M @ 2.60GHz	4408	453	NA	NA
Intel Core i5-4300U @ 1.90GHz	3754	559	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2512	859	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2990	740	NA	NA
Intel Core i5-4308U @ 2.80GHz	4652	415	NA	NA
Intel Core i5-4310M @ 2.70GHz	4408	454	NA	NA
Intel Core i5-4310U @ 2.00GHz	3747	562	NA	NA
Intel Core i5-4330M @ 2.80GHz	4676	414	17.01	\$274.99*
Intel Core i5-4340M @ 2.90GHz	5013	382	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	592	NA	NA
Intel Core i5-4400E @ 2.70GHz	1271	1339	NA	NA
Intel Core i5-4430 @ 3.00GHz	6267	273	33.88	\$184.99
Intel Core i5-4430S @ 2.70GHz	5998	288	NA	NA
Intel Core i5-4440 @ 3.10GHz	6428	265	33.84	\$189.99
Intel Core i5-4440S @ 2.80GHz	6114	281	31.68	\$192.99
Intel Core i5-4460 @ 3.20GHz	6632	248	34.91	\$189.99
Intel Core i5-4460S @ 2.90GHz	6365	268	NA	NA
Intel Core i5-4460T @ 1.90GHz	4879	395	NA	NA
Intel Core i5-4570 @ 3.20GHz	7021	229	35.11	\$199.99
Intel Core i5-4570R @ 2.70GHz	6456	262	NA	NA
Intel Core i5-4570S @ 2.90GHz	6620	250	33.96	\$194.99
Intel Core i5-4570T @ 2.90GHz	4829	400	23.56	\$205.00
Intel Core i5-4570TE @ 2.70GHz	3603	593	NA	NA
Intel Core i5-4590 @ 3.30GHz	7218	216	36.09	\$199.99
Intel Core i5-4590S @ 3.00GHz	7010	230	33.39	\$209.99
Intel Core i5-4590T @ 2.00GHz	5426	346	NA	NA
Intel Core i5-4670 @ 3.40GHz	7384	209	33.12	\$222.95
Intel Core i5-4670K @ 3.40GHz	7631	191	29.93	\$254.99
Intel Core i5-4670K CPT @ 3.40GHz	7411	Insufficient data	NA	NA
Intel Core i5-4670S @ 3.10GHz	6436	264	NA	NA
Intel Core i5-4670T @ 2.30GHz	6335	270	NA	NA
Intel Core i5-4690 @ 3.50GHz	7627	194	34.05	\$223.99
Intel Core i5-4690K @ 3.50GHz	7721	189	32.17	\$239.99
Intel Core i5-4690S @ 3.20GHz	7427	206	33.01	\$224.99
Intel Core i5-4690T @ 2.50GHz	6812	239	NA	NA
Intel Core i5-5200U @ 2.20GHz	3543	606	NA	NA
Intel Core i5-5250U @ 1.60GHz	3639	581	NA	NA
Intel Core i5-5257U @ 2.70GHz	4371	457	NA	NA
Intel Core i5-5287U @ 2.90GHz	4585	430	NA	NA
Intel Core i5-5300U @ 2.30GHz	3830	545	NA	NA
Intel Core i5-5350U @ 1.80GHz	3018	Insufficient data	NA	NA
Intel Core i5-5675C @ 3.10GHz	7997	175	26.66	\$299.99*
Intel Core i5-6200U @ 2.30GHz	3914	537	NA	NA
Intel Core i5-6300HQ @ 2.30GHz	5647	318	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6300U @ 2.40GHz	4244	480	NA	NA
Intel Core i5-6400 @ 2.70GHz	6481	260	34.11	\$189.99
Intel Core i5-6500 @ 3.20GHz	7063	225	34.46	\$204.99
Intel Core i5-6500T @ 2.50GHz	6137	Insufficient data	NA	NA
Intel Core i5-6600 @ 3.30GHz	7529	201	34.23	\$219.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6600K @ 3.50GHz	7812	185	28.94	\$269.99
Intel Core i5-6600T @ 2.70GHz	7207	218	25.56	\$282.00*
Intel Core i5-24050S @ 2.50GHz	4928	Insufficient data	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1030	NA	NA
Intel Core i7-610E @ 2.53GHz	2425	885	NA	NA
Intel Core i7-620LM @ 2.00GHz	2108	990	NA	NA
Intel Core i7-620M @ 2.67GHz	2778	791	16.64	\$166.99*
Intel Core i7-620UM @ 1.07GHz	1239	1358	NA	NA
Intel Core i7-640LM @ 2.13GHz	2282	924	NA	NA
Intel Core i7-640M @ 2.80GHz	2889	764	NA	NA
Intel Core i7-640UM @ 1.20GHz	1698	1137	NA	NA
Intel Core i7-660UM @ 1.33GHz	2001	1021	NA	NA
Intel Core i7-680UM @ 1.47GHz	1783	1100	NA	NA
Intel Core i7-720QM @ 1.60GHz	3054	721	8.39	\$364.00*
Intel Core i7-740QM @ 1.73GHz	3231	681	NA	NA
Intel Core i7-820QM @ 1.73GHz	3262	671	NA	NA
Intel Core i7-840QM @ 1.87GHz	3395	646	NA	NA
Intel Core i7-860 @ 2.80GHz	5100	370	14.37	\$354.99*
Intel Core i7-860S @ 2.53GHz	4776	405	12.40	\$385.27*
Intel Core i7-870 @ 2.93GHz	5475	336	19.63	\$279.00
Intel Core i7-870S @ 2.67GHz	5052	377	NA	NA
Intel Core i7-875K @ 2.93GHz	5488	335	15.31	\$358.55*
Intel Core i7-880 @ 3.07GHz	5727	310	9.82	\$583.00*
Intel Core i7-920 @ 2.67GHz	4993	383	16.11	\$309.99*
Intel Core i7-920XM @ 2.00GHz	3818	546	3.34	\$1,144.69*
Intel Core i7-930 @ 2.80GHz	5218	357	10.25	\$508.95*
Intel Core i7-940 @ 2.93GHz	5468	337	7.81	\$699.95*
Intel Core i7-940XM @ 2.13GHz	4058	505	NA	NA
Intel Core i7-950 @ 3.07GHz	5644	319	21.44	\$263.31*
Intel Core i7-960 @ 3.20GHz	5923	296	14.45	\$409.99*
Intel Core i7-965 @ 3.20GHz	5907	298	3.92	\$1,508.95*
Intel Core i7-970 @ 3.20GHz	8538	153	9.97	\$855.95*
Intel Core i7-975 @ 3.33GHz	6265	274	17.45	\$359.00
Intel Core i7-980 @ 3.33GHz	8838	143	7.97	\$1,108.95*
Intel Core i7-980X @ 3.33GHz	8952	137	8.87	\$1,008.95*
Intel Core i7-985 @ 3.47GHz	6641	Insufficient data	NA	NA
Intel Core i7-990X @ 3.47GHz	9252	118	6.13	\$1,509.99*
Intel Core i7-2600 @ 3.40GHz	8263	165	23.33	\$354.15
Intel Core i7-2600K @ 3.40GHz	8537	154	19.45	\$438.99
Intel Core i7-2600S @ 2.80GHz	7060	226	21.50	\$328.45*
Intel Core i7-2610UE @ 1.50GHz	2481	871	NA	NA
Intel Core i7-2617M @ 1.50GHz	2740	805	NA	NA
Intel Core i7-2620M @ 2.70GHz	3817	547	NA	NA
Intel Core i7-2630QM @ 2.00GHz	5566	328	34.79	\$159.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2630UM @ 1.60GHz	3204	688	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5430	345	NA	NA
Intel Core i7-2637M @ 1.70GHz	2935	752	NA	NA
Intel Core i7-2640M @ 2.80GHz	3915	536	NA	NA
Intel Core i7-2655LE @ 2.20GHz	3007	734	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5965	293	15.78	\$378.00*
Intel Core i7-2675QM @ 2.20GHz	5628	323	NA	NA
Intel Core i7-2677M @ 1.80GHz	2747	803	NA	NA
Intel Core i7-2700K @ 3.50GHz	8842	141	20.10	\$440.00*
Intel Core i7-2710QE @ 2.10GHz	5398	349	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5262	355	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6165	280	15.41	\$399.99*
Intel Core i7-2760QM @ 2.40GHz	6646	247	17.58	\$378.00*
Intel Core i7-2820QM @ 2.30GHz	6619	251	13.27	\$498.95*
Intel Core i7-2840QM @ 2.40GHz	6766	243	NA	NA
Intel Core i7-2860QM @ 2.50GHz	7281	214	12.14	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7000	231	6.39	\$1,096.00*
Intel Core i7-2960XM @ 2.70GHz	7377	210	6.73	\$1,096.00*
Intel Core i7-3517U @ 1.90GHz	3634	582	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3422	643	NA	NA
Intel Core i7-3520M @ 2.90GHz	4530	435	NA	NA
Intel Core i7-3537U @ 2.00GHz	3851	543	NA	NA
Intel Core i7-3540M @ 3.00GHz	4629	419	17.81	\$259.99*
Intel Core i7-3555LE @ 2.50GHz	4118	499	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6175	279	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7466	205	18.67	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6481	259	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6831	236	NA	NA
Intel Core i7-3615QE @ 2.30GHz	5495	Insufficient data	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7358	211	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7631	192	31.80	\$239.99*
Intel Core i7-3632QM @ 2.20GHz	6933	234	18.34	\$378.00*
Intel Core i7-3635QM @ 2.40GHz	6608	252	NA	NA
Intel Core i7-3667U @ 2.00GHz	3954	524	NA	NA
Intel Core i7-3687U @ 2.10GHz	4255	478	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3689Y @ 1.50GHz	3479	627	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8242	166	26.59	\$309.99*
Intel Core i7-3740QM @ 2.70GHz	8416	160	21.58	\$389.99*
Intel Core i7-3770 @ 3.40GHz	9348	110	31.16	\$299.99
Intel Core i7-3770K @ 3.50GHz	9591	98	11.77	\$814.53
Intel Core i7-3770S @ 3.10GHz	8916	139	12.76	\$698.67*
Intel Core i7-3770T @ 2.50GHz	8296	164	25.14	\$329.99*
Intel Core i7-3820 @ 3.60GHz	9000	133	13.38	\$672.59
Intel Core i7-3820QM @ 2.70GHz	8536	155	14.16	\$602.97*
Intel Core i7-3840QM @ 2.80GHz	8900	140	17.62	\$505.00*
Intel Core i7-3920XM @ 2.90GHz	9197	120	8.39	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	12078	51	18.70	\$646.00*
Intel Core i7-3940XM @ 3.00GHz	9480	105	17.24	\$549.99*
Intel Core i7-3960X @ 3.30GHz	12735	45	12.59	\$1,011.79
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3970X @ 3.50GHz	12720	46	11.45	\$1,110.63*
Intel Core i7-4500U @ 1.80GHz	3800	550	NA	NA
Intel Core i7-4510U @ 2.00GHz	3938	532	NA	NA
Intel Core i7-4550U @ 1.50GHz	3903	538	NA	NA
Intel Core i7-4558U @ 2.80GHz	4359	458	NA	NA
Intel Core i7-4578U @ 3.00GHz	5091	372	NA	NA
Intel Core i7-4600M @ 2.90GHz	4781	404	NA	NA
Intel Core i7-4600U @ 2.10GHz	4151	491	NA	NA
Intel Core i7-4610M @ 3.00GHz	5090	373	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3738	563	NA	NA
Intel Core i7-4650U @ 1.70GHz	4104	502	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7532	200	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7783	186	20.32	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7766	187	20.12	\$385.99*
Intel Core i7-4702HQ @ 2.20GHz	7603	195	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7194	220	NA	NA
Intel Core i7-4710HQ @ 2.50GHz	7891	182	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7990	176	36.49	\$219.00*
Intel Core i7-4712HQ @ 2.30GHz	7586	199	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7170	221	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8109	169	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8051	171	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8186	167	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	9101	128	NA	NA
Intel Core i7-4765T @ 2.00GHz	7328	212	NA	NA
Intel Core i7-4770 @ 3.40GHz	9843	84	34.73	\$283.43
Intel Core i7-4770HQ @ 2.20GHz	8991	135	NA	NA
Intel Core i7-4770K @ 3.50GHz	10171	69	25.10	\$405.23
Intel Core i7-4770R @ 3.20GHz	9818	86	NA	NA
Intel Core i7-4770S @ 3.10GHz	9332	112	33.44	\$279.11
Intel Core i7-4770T @ 2.50GHz	8790	144	NA	NA
Intel Core i7-4770TE @ 2.30GHz	7410	208	NA	NA
Intel Core i7-4771 @ 3.50GHz	9890	82	30.91	\$319.99
Intel Core i7-4785T @ 2.20GHz	7483	203	NA	NA
Intel Core i7-4790 @ 3.60GHz	10027	76	32.35	\$309.99
Intel Core i7-4790K @ 4.00GHz	11226	56	35.08	\$319.99
Intel Core i7-4790S @ 3.20GHz	9619	95	31.54	\$304.99
Intel Core i7-4790T @ 2.70GHz	9052	131	NA	NA
Intel Core i7-4800MQ @ 2.70GHz	8528	157	16.72	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8777	145	23.22	\$378.00*
Intel Core i7-4820K @ 3.70GHz	9811	87	25.92	\$378.52
Intel Core i7-4850HQ @ 2.30GHz	9134	123	21.05	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7933	179	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9358	109	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9334	111	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9078	130	16.21	\$559.99*
Intel Core i7-4910MQ @ 2.90GHz	9571	99	12.21	\$784.02*
Intel Core i7-4930K @ 3.40GHz	13061	39	21.77	\$599.99
Intel Core i7-4930MX @ 3.00GHz	9463	106	8.63	\$1,096.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4940MX @ 3.10GHz	9684	93	9.60	\$1,008.95*
Intel Core i7-4960HQ @ 2.60GHz	9892	81	15.88	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13933	31	13.59	\$1,024.99
Intel Core i7-4980HQ @ 2.80GHz	10134	72	NA	NA
Intel Core i7-5500U @ 2.40GHz	4039	508	NA	NA
Intel Core i7-5557U @ 3.10GHz	5032	380	NA	NA
Intel Core i7-5600U @ 2.60GHz	4371	456	NA	NA
Intel Core i7-5650U @ 2.20GHz	4269	476	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	Insufficient data	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	7912	180	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8674	149	NA	NA
Intel Core i7-5775C @ 3.30GHz	11113	57	29.88	\$371.99*
Intel Core i7-5820K @ 3.30GHz	13002	41	33.34	\$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	13644	36	23.53	\$579.99
Intel Core i7-5950HQ @ 2.90GHz	10929	59	NA	NA
Intel Core i7-5960X @ 3.00GHz	15991	21	15.23	\$1,049.99
Intel Core i7-6500U @ 2.50GHz	4344	461	NA	NA
Intel Core i7-6600U @ 2.60GHz	4728	410	NA	NA
Intel Core i7-6650U @ 2.20GHz	4891	392	NA	NA
Intel Core i7-6700 @ 3.40GHz	9962	79	30.19	\$329.99*
Intel Core i7-6700HQ @ 2.60GHz	8023	173	NA	NA
Intel Core i7-6700K @ 4.00GHz	11008	58	26.21	\$419.99
Intel Core i7-6700T @ 2.80GHz	9160	121	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9125	124	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	9081	129	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3640	580	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3390	648	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2842	775	NA	NA
Intel Core M-5Y10a @ 0.80GHz	1915	1049	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2812	784	10.01	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2484	870	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2859	769	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3049	724	NA	NA
Intel Core M-5Y71 @ 1.20GHz	3050	723	10.86	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	397	1846	NA	NA
Intel Core Solo T1350 @ 1.86GHz	408	1822	NA	NA
Intel Core Solo T1400 @ 1.83GHz	472	1761	NA	NA
Intel Core Solo U1300 @ 1.06GHz	276	1999	NA	NA
Intel Core Solo U1400 @ 1.20GHz	282	1990	NA	NA
Intel Core Solo U1500 @ 1.33GHz	327	1919	NA	NA
Intel E3000 @ 3.40GHz	2767	795	NA	NA
Intel Pentium 4 1.40GHz	164	2101	NA	NA
Intel Pentium 4 1.50GHz	134	2114	NA	NA
Intel Pentium 4 1.60GHz	131	2116	NA	NA
Intel Pentium 4 1.70GHz	131	2115	NA	NA
Intel Pentium 4 1.80GHz	160	2104	NA	NA
Intel Pentium 4 1.90GHz	159	2105	NA	NA
Intel Pentium 4 2.00GHz	188	2086	NA	NA
Intel Pentium 4 2.20GHz	218	2067	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.26GHz	223	2058	NA	NA
Intel Pentium 4 2.40GHz	232	2049	NA	NA
Intel Pentium 4 2.50GHz	245	2036	NA	NA
Intel Pentium 4 2.53GHz	249	2032	NA	NA
Intel Pentium 4 2.60GHz	290	1968	NA	NA
Intel Pentium 4 2.66GHz	257	2021	NA	NA
Intel Pentium 4 2.80GHz	327	1920	NA	NA
Intel Pentium 4 2.93GHz	306	1946	NA	NA
Intel Pentium 4 3.00GHz	357	1890	NA	NA
Intel Pentium 4 3.06GHz	348	1899	NA	NA
Intel Pentium 4 3.20GHz	381	1861	NA	NA
Intel Pentium 4 3.40GHz	402	1831	NA	NA
Intel Pentium 4 3.46GHz	487	1742	NA	NA
Intel Pentium 4 3.60GHz	491	1740	NA	NA
Intel Pentium 4 3.73GHz	486	1744	NA	NA
Intel Pentium 4 3.80GHz	493	1737	NA	NA
Intel Pentium 4 4.00GHz	184	2090	NA	NA
Intel Pentium 4 1300MHz	119	2120	NA	NA
Intel Pentium 4 1400MHz	127	2118	NA	NA
Intel Pentium 4 1500MHz	125	2119	NA	NA
Intel Pentium 4 1600MHz	193	2083	NA	NA
Intel Pentium 4 1700MHz	160	2103	NA	NA
Intel Pentium 4 1800MHz	176	2096	NA	NA
Intel Pentium 4 Family 2.40GHz	290	1970	NA	NA
Intel Pentium 4 Family 2.53GHz	319	1931	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2110	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2078	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2094	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2075	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2097	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2074	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2076	NA	NA
Intel Pentium 5 2.66GHz	705	1621	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	1427	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1156	1398	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	1404	NA	NA
Intel Pentium 987 @ 1.50GHz	1205	1373	NA	NA
Intel Pentium 997 @ 1.60GHz	1470	1236	NA	NA
Intel Pentium 1403 @ 2.60GHz	2747	Insufficient data	NA	NA
Intel Pentium 2020M @ 2.40GHz	2308	917	17.22	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2422	886	18.08	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1657	1167	12.37	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1875	1071	14.00	\$134.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 2129Y @ 1.10GHz	1087	1434	8.12	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2281	926	NA	NA
Intel Pentium 3556U @ 1.70GHz	1734	1123	NA	NA
Intel Pentium 3558U @ 1.70GHz	1759	1112	NA	NA
Intel Pentium 3560M @ 2.40GHz	2248	938	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1259	1347	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 3805U @ 1.90GHz	1983	1025	NA	NA
Intel Pentium 3825U @ 1.90GHz	2648	821	NA	NA
Intel Pentium 4405U @ 2.10GHz	2912	760	NA	NA
Intel Pentium A1018 @ 2.10GHz	2153	Insufficient data	NA	NA
Intel Pentium B940 @ 2.00GHz	1739	1121	NA	NA
Intel Pentium B950 @ 2.10GHz	1708	1133	NA	NA
Intel Pentium B960 @ 2.20GHz	1871	1074	38.19	\$48.99*
Intel Pentium B970 @ 2.30GHz	1967	1031	38.59	\$50.99*
Intel Pentium B980 @ 2.40GHz	2078	997	NA	NA
Intel Pentium D 805 @ 2.66GHz	533	1706	NA	NA
Intel Pentium D 830 @ 3.00GHz	651	1644	NA	NA
Intel Pentium D 915 @ 2.80GHz	594	1674	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	1618	NA	NA
Intel Pentium D 950 @ 3.40GHz	749	1602	NA	NA
Intel Pentium D 960 @ 3.60GHz	841	1569	NA	NA
Intel Pentium E2140 @ 1.60GHz	871	1552	21.78	\$39.99*
Intel Pentium E2160 @ 1.80GHz	1007	1477	29.64	\$33.99*
Intel Pentium E2180 @ 2.00GHz	1080	1439	6.01	\$179.95*
Intel Pentium E2200 @ 2.20GHz	1197	1377	13.01	\$91.99*
Intel Pentium E2210 @ 2.20GHz	1168	1390	NA	NA
Intel Pentium E2220 @ 2.40GHz	1345	1297	28.62	\$46.99*
Intel Pentium E5200 @ 2.50GHz	1500	1225	30.01	\$50.00*
Intel Pentium E5300 @ 2.60GHz	1554	1209	38.87	\$39.99*
Intel Pentium E5400 @ 2.70GHz	1607	1189	38.29	\$41.99*
Intel Pentium E5500 @ 2.80GHz	1633	1176	24.38	\$67.00*
Intel Pentium E5700 @ 3.00GHz	1756	1114	33.79	\$51.99*
Intel Pentium E5800 @ 3.20GHz	1895	1057	38.69	\$48.99*
Intel Pentium E6300 @ 2.80GHz	1705	1135	42.64	\$39.99*
Intel Pentium E6500 @ 2.93GHz	1770	1107	36.14	\$48.99*
Intel Pentium E6600 @ 3.06GHz	1894	1060	7.58	\$249.95*
Intel Pentium E6700 @ 3.20GHz	1980	1026	9.48	\$208.95*
Intel Pentium E6800 @ 3.33GHz	2037	1009	19.70	\$103.43*
Intel Pentium Extreme Edition 955 @ 3.46GHz	915	1533	1.21	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	993	1485	NA	NA
Intel Pentium G620 @ 2.60GHz	2296	918	35.45	\$64.80*
Intel Pentium G620T @ 2.20GHz	2071	1000	25.90	\$79.99*
Intel Pentium G630 @ 2.70GHz	2391	893	34.50	\$69.32*
Intel Pentium G630T @ 2.30GHz	2160	968	27.00	\$79.99*
Intel Pentium G640 @ 2.80GHz	2538	851	43.03	\$58.99*
Intel Pentium G640T @ 2.40GHz	1939	1037	NA	NA
Intel Pentium G645 @ 2.90GHz	2584	839	43.80	\$58.99*
Intel Pentium G645T @ 2.50GHz	2369	899	NA	NA
Intel Pentium G840 @ 2.80GHz	2591	837	44.69	\$57.99
Intel Pentium G850 @ 2.90GHz	2690	814	27.35	\$98.39*
Intel Pentium G860 @ 3.00GHz	2788	787	32.81	\$84.99*
Intel Pentium G870 @ 3.10GHz	2874	767	34.63	\$82.99*
Intel Pentium G2010 @ 2.80GHz	2614	833	34.87	\$74.99*
Intel Pentium G2020 @ 2.90GHz	2788	788	37.19	\$74.99
Intel Pentium G2020T @ 2.50GHz	2526	856	39.47	\$64.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2030 @ 3.00GHz	2922	755	37.86	\$77.19*
Intel Pentium G2030T @ 2.60GHz	2372	898	37.07	\$64.00*
Intel Pentium G2120 @ 3.10GHz	3101	711	34.46	\$89.99*
Intel Pentium G2130 @ 3.20GHz	3120	708	48.01	\$64.99*
Intel Pentium G2140 @ 3.30GHz	3436	637	34.37	\$99.99*
Intel Pentium G3220 @ 3.00GHz	3189	694	58.00	\$54.99
Intel Pentium G3220T @ 2.60GHz	2634	827	52.70	\$49.99
Intel Pentium G3240 @ 3.10GHz	3270	670	55.45	\$58.99
Intel Pentium G3240T @ 2.70GHz	2985	742	NA	NA
Intel Pentium G3250 @ 3.20GHz	3338	659	58.58	\$56.99
Intel Pentium G3250T @ 2.80GHz	2770	793	NA	NA
Intel Pentium G3258 @ 3.20GHz	4002	514	57.18	\$69.99
Intel Pentium G3260 @ 3.30GHz	3260	673	46.58	\$69.99
Intel Pentium G3260T @ 2.90GHz	2743	804	NA	NA
Intel Pentium G3320TE @ 2.30GHz	2389	894	NA	NA
Intel Pentium G3420 @ 3.20GHz	3438	635	39.55	\$86.95*
Intel Pentium G3420T @ 2.70GHz	2971	746	NA	NA
Intel Pentium G3430 @ 3.30GHz	3423	642	35.30	\$96.99*
Intel Pentium G3440 @ 3.30GHz	3414	644	37.94	\$89.99
Intel Pentium G3440T @ 2.80GHz	3101	Insufficient data	NA	NA
Intel Pentium G3450 @ 3.40GHz	3765	557	41.84	\$89.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3450T @ 2.90GHz	2967	747	NA	NA
Intel Pentium G3460 @ 3.50GHz	3798	551	54.28	\$69.99
Intel Pentium G3470 @ 3.60GHz	3796	552	37.97	\$99.99
Intel Pentium G4400 @ 3.30GHz	3806	549	58.57	\$64.99
Intel Pentium G4400T @ 2.90GHz	3467	Insufficient data	NA	NA
Intel Pentium G4500 @ 3.50GHz	3424	641	38.05	\$89.99
Intel Pentium G4520 @ 3.60GHz	4229	483	42.30	\$99.99
Intel Pentium G6950 @ 2.80GHz	1874	1073	20.85	\$89.89*
Intel Pentium G6951 @ 2.80GHz	2311	916	NA	NA
Intel Pentium G6960 @ 2.93GHz	2131	980	NA	NA
Intel Pentium III 1133MHz	284	1986	NA	NA
Intel Pentium III 1200MHz	278	1997	NA	NA
Intel Pentium III 1400MHz	336	1913	NA	NA
Intel Pentium III - S 933MHz	238	2043	NA	NA
Intel Pentium III - S 1266MHz	309	1940	NA	NA
Intel Pentium III - S 1400MHz	304	1950	NA	NA
Intel Pentium III family 1133MHz	296	1959	NA	NA
Intel Pentium III family 1266MHz	226	2056	NA	NA
Intel Pentium III family 1400MHz	293	1964	NA	NA
Intel Pentium III Mobile 750MHz	103	2122	NA	NA
Intel Pentium III Mobile 800MHz	201	2077	NA	NA
Intel Pentium III Mobile 866MHz	152	2108	NA	NA
Intel Pentium III Mobile 933MHz	218	2064	NA	NA
Intel Pentium III Mobile 1000MHz	245	2035	NA	NA
Intel Pentium III Mobile 1066MHz	268	2007	NA	NA
Intel Pentium III Mobile 1133MHz	251	2027	NA	NA
Intel Pentium III Mobile 1200MHz	262	2015	NA	NA
Intel Pentium J2850 @ 2.41GHz	1782	1102	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	1005	NA	NA
Intel Pentium M 1.10GHz	296	1960	NA	NA
Intel Pentium M 1.20GHz	302	1956	NA	NA
Intel Pentium M 1.30GHz	343	1906	NA	NA
Intel Pentium M 1.40GHz	369	1874	NA	NA
Intel Pentium M 1.50GHz	359	1886	NA	NA
Intel Pentium M 1.60GHz	374	1868	NA	NA
Intel Pentium M 1.70GHz	416	1813	NA	NA
Intel Pentium M 1.73GHz	419	1811	NA	NA
Intel Pentium M 1.80GHz	397	1843	NA	NA
Intel Pentium M 1.86GHz	440	1791	NA	NA
Intel Pentium M 2.00GHz	473	1760	NA	NA
Intel Pentium M 2.10GHz	521	1713	NA	NA
Intel Pentium M 2.13GHz	510	1723	NA	NA
Intel Pentium M 2.26GHz	503	1728	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	1748	NA	NA
Intel Pentium M 900MHz	220	2062	NA	NA
Intel Pentium M 1000MHz	233	2047	NA	NA
Intel Pentium M 1100MHz	259	2019	NA	NA
Intel Pentium M 1200MHz	288	1976	NA	NA
Intel Pentium M 1300MHz	303	1952	NA	NA
Intel Pentium M 1400MHz	320	1930	NA	NA
Intel Pentium M 1500MHz	357	1891	NA	NA
Intel Pentium M 1600MHz	364	1881	NA	NA
Intel Pentium M 1700MHz	387	1856	NA	NA
Intel Pentium N3510 @ 1.99GHz	1632	1177	NA	NA
Intel Pentium N3520 @ 2.16GHz	1840	1081	NA	NA
Intel Pentium N3530 @ 2.16GHz	1904	1054	NA	NA
Intel Pentium N3540 @ 2.16GHz	1944	1036	8.10	\$239.99*
Intel Pentium N3700 @ 1.60GHz	1764	1110	7.35	\$239.99
Intel Pentium P6000 @ 1.87GHz	1266	1344	NA	NA
Intel Pentium P6100 @ 2.00GHz	1337	1300	NA	NA
Intel Pentium P6200 @ 2.13GHz	1345	1296	36.38	\$36.99*
Intel Pentium P6300 @ 2.27GHz	1360	1286	NA	NA
Intel Pentium SU2700 @ 1.30GHz	419	1810	NA	NA
Intel Pentium SU4100 @ 1.30GHz	863	1557	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	1565	NA	NA
Intel Pentium T2060 @ 1.60GHz	679	1635	NA	NA
Intel Pentium T2080 @ 1.73GHz	711	1619	NA	NA
Intel Pentium T2130 @ 1.86GHz	723	1612	NA	NA
Intel Pentium T2310 @ 1.46GHz	726	1611	NA	NA
Intel Pentium T2330 @ 1.60GHz	853	1561	NA	NA
Intel Pentium T2370 @ 1.73GHz	838	1572	NA	NA
Intel Pentium T2390 @ 1.86GHz	933	1521	NA	NA
Intel Pentium T2410 @ 2.00GHz	967	1501	NA	NA
Intel Pentium T3200 @ 2.00GHz	1042	1457	NA	NA
Intel Pentium T3400 @ 2.16GHz	1122	1415	NA	NA
Intel Pentium T4200 @ 2.00GHz	1158	1394	NA	NA
Intel Pentium T4300 @ 2.10GHz	1246	1355	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)
Intel Pentium T4400 @ 2.20GHz	1295	1323	NA	NA
Intel Pentium T4500 @ 2.30GHz	1365	1284	NA	NA
Intel Pentium U5400 @ 1.20GHz	870	1553	NA	NA
Intel Pentium U5600 @ 1.33GHz	977	1494	NA	NA
Intel T1200 @ 1.50GHz	435	1799	NA	NA
Intel T1400 @ 1.73GHz	935	1519	NA	NA
Intel T1500 @ 1.86GHz	920	1529	NA	NA
Intel T2050 @ 2.00GHz	959	Insufficient data	NA	NA
Intel Xeon 2.00GHz	233	2046	NA	NA
Intel XEON 2.20GHz	252	2026	NA	NA
Intel Xeon 2.40GHz	276	2000	30.35	\$9.10*
Intel Xeon 2.66GHz	435	1797	NA	NA
Intel Xeon 2.80GHz	400	1837	NA	NA
Intel Xeon 3.00GHz	404	1826	NA	NA
Intel Xeon 3.06GHz	491	1739	NA	NA
Intel Xeon 3.20GHz	500	1731	NA	NA
Intel Xeon 3.40GHz	478	1755	NA	NA
Intel Xeon 3.60GHz	500	1732	0.59	\$851.00*
Intel Xeon 3.73GHz	1055	1450	NA	NA
Intel Xeon 3.80GHz	604	1669	0.71	\$851.00*
Intel Xeon 1500MHz	193	2082	NA	NA
Intel Xeon 3040 @ 1.86GHz	1259	1348	40.66	\$30.99*
Intel Xeon 3050 @ 2.13GHz	1346	1294	42.09	\$31.99*
Intel Xeon 3060 @ 2.40GHz	1628	1179	37.88	\$42.99*
Intel Xeon 3065 @ 2.33GHz	1575	1200	NA	NA
Intel Xeon 3070 @ 2.66GHz	1810	1089	3.02	\$598.95*
Intel Xeon 3075 @ 2.66GHz	1840	1080	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1801	1094	NA	NA
Intel Xeon 5110 @ 1.60GHz	1073	1440	9.67	\$111.02*
Intel Xeon 5120 @ 1.86GHz	1237	1359	4.67	\$265.00*
Intel Xeon 5130 @ 2.00GHz	1395	1269	139.67	\$9.99*
Intel Xeon 5133 @ 2.20GHz	1598	1191	NA	NA
Intel Xeon 5140 @ 2.33GHz	1650	1172	206.53	\$7.99*
Intel Xeon 5148 @ 2.33GHz	1590	1193	122.47	\$12.99*
Intel Xeon 5150 @ 2.66GHz	1748	1117	175.05	\$9.99*
Intel Xeon 5160 @ 3.00GHz	1992	1023	NA	NA
Intel Xeon D-1520 @ 2.20GHz	6396	266	NA	NA
Intel Xeon D-1540 @ 2.00GHz	10904	60	NA	NA
Intel Xeon E3-1220 @ 3.10GHz	6113	282	27.79	\$219.99
Intel Xeon E3-1220 V2 @ 3.10GHz	6534	258	27.38	\$238.69*
Intel Xeon E3-1220 v3 @ 3.10GHz	6628	249	32.34	\$204.99
Intel Xeon E3-1220L @ 2.20GHz	3563	600	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	3656	576	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	989	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5915	297	24.65	\$239.99
Intel Xeon E3-1225 V2 @ 3.20GHz	6828	237	29.82	\$228.99*
Intel Xeon E3-1225 v3 @ 3.20GHz	7022	228	29.76	\$235.99*
Intel Xeon E3-1226 v3 @ 3.30GHz	7469	204	33.20	\$224.99
Intel Xeon E3-1230 @ 3.20GHz	7904	181	28.74	\$274.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1230 V2 @ 3.30GHz	8842	142	29.18	\$302.99
Intel Xeon E3-1230 v3 @ 3.30GHz	9307	113	36.50	\$254.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7199	219	NA	NA
Intel Xeon E3-1231 v3 @ 3.40GHz	9612	97	37.70	\$254.99
Intel Xeon E3-1235 @ 3.20GHz	7751	188	28.71	\$269.99*
Intel Xeon E3-1240 @ 3.30GHz	7960	178	26.53	\$299.99
Intel Xeon E3-1240 V2 @ 3.40GHz	9288	115	26.62	\$348.98*
Intel Xeon E3-1240 v3 @ 3.40GHz	9744	89	23.50	\$414.69*
Intel Xeon E3-1240 v5 @ 3.50GHz	10477	Insufficient data	NA	NA
Intel Xeon E3-1240L v3 @ 2.00GHz	7507	202	NA	NA
Intel Xeon E3-1241 v3 @ 3.50GHz	10039	75	36.11	\$277.99
Intel Xeon E3-1245 @ 3.30GHz	8081	170	26.07	\$309.99
Intel Xeon E3-1245 V2 @ 3.40GHz	9105	127	26.70	\$341.00*
Intel Xeon E3-1245 v3 @ 3.40GHz	9525	102	30.54	\$311.85*
Intel Xeon E3-1246 v3 @ 3.50GHz	9863	83	34.01	\$289.99
Intel Xeon E3-1260L @ 2.40GHz	6534	257	21.01	\$310.99*
Intel Xeon E3-1265L @ 2.40GHz	5953	294	NA	NA
Intel Xeon E3-1265L V2 @ 2.50GHz	7602	196	23.82	\$319.19*
Intel Xeon E3-1265L v3 @ 2.50GHz	8773	146	29.44	\$297.99*
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	Insufficient data	NA	NA
Intel Xeon E3-1270 @ 3.40GHz	8300	163	23.06	\$359.99
Intel Xeon E3-1270 V2 @ 3.50GHz	9554	100	26.54	\$359.99
Intel Xeon E3-1270 v3 @ 3.50GHz	9835	85	28.93	\$339.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	9963	78	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10144	71	29.58	\$342.99
Intel Xeon E3-1275 @ 3.40GHz	8346	161	22.56	\$369.99
Intel Xeon E3-1275 V2 @ 3.50GHz	9285	116	23.21	\$399.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1275 v3 @ 3.50GHz	9736	91	27.05	\$359.99*
Intel Xeon E3-1275L v3 @ 2.70GHz	8665	150	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10223	68	29.72	\$343.99
Intel Xeon E3-1280 @ 3.50GHz	8532	156	13.13	\$649.99*
Intel Xeon E3-1280 V2 @ 3.60GHz	9751	88	15.12	\$644.99*
Intel Xeon E3-1280 v3 @ 3.60GHz	9615	96	15.71	\$612.00*
Intel Xeon E3-1281 v3 @ 3.70GHz	10081	74	NA	NA
Intel Xeon E3-1285L v3 @ 3.10GHz	10483	61	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9388	108	NA	NA
Intel Xeon E3-1290 @ 3.60GHz	8704	147	9.84	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9954	80	11.25	\$885.00*
Intel Xeon E3-1505M v5 @ 2.80GHz	7926	Insufficient data	NA	NA
Intel Xeon E5-1410 @ 2.80GHz	7312	213	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	6070	Insufficient data	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5459	338	31.02	\$175.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	5812	305	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5724	311	NA	NA
Intel Xeon E5-1607 v2 @ 3.00GHz	5944	295	18.99	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6768	241	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9115	126	26.05	\$349.99*
Intel Xeon E5-1620 v2 @ 3.70GHz	9501	103	30.17	\$314.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9641	94	31.30	\$307.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1630 v3 @ 3.70GHz	10152	70	21.93	\$463.00*
Intel Xeon E5-1650 @ 3.20GHz	11708	55	18.73	\$624.99*
Intel Xeon E5-1650 v2 @ 3.50GHz	12534	49	19.90	\$629.99
Intel Xeon E5-1650 v3 @ 3.50GHz	13484	37	21.69	\$621.66*
Intel Xeon E5-1660 @ 3.30GHz	12595	47	11.41	\$1,104.00*
Intel Xeon E5-1660 v2 @ 3.70GHz	13772	34	12.07	\$1,141.09*
Intel Xeon E5-1660 v3 @ 3.00GHz	12552	48	11.73	\$1,069.99*
Intel Xeon E5-1680 v2 @ 3.00GHz	15994	20	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	17166	10	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3489	623	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	553	10.88	\$348.79*
Intel Xeon E5-2407 v2 @ 2.40GHz	4607	427	17.06	\$269.99
Intel Xeon E5-2420 @ 1.90GHz	7260	215	17.93	\$405.00*
Intel Xeon E5-2420 v2 @ 2.20GHz	8629	151	19.61	\$439.99
Intel Xeon E5-2430 @ 2.20GHz	6878	235	10.58	\$649.99*
Intel Xeon E5-2430 v2 @ 2.50GHz	8324	162	14.61	\$569.99
Intel Xeon E5-2440 @ 2.40GHz	9144	122	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	626	16.60	\$209.99*
Intel Xeon E5-2603 v2 @ 1.80GHz	3772	556	17.97	\$209.99
Intel Xeon E5-2603 v3 @ 1.60GHz	4922	388	22.38	\$219.99
Intel Xeon E5-2609 @ 2.40GHz	4596	429	14.59	\$314.99*
Intel Xeon E5-2609 v2 @ 2.50GHz	4964	384	16.55	\$299.99
Intel Xeon E5-2609 v3 @ 1.90GHz	5878	300	19.28	\$304.99
Intel Xeon E5-2620 @ 2.00GHz	7983	177	18.48	\$431.99*
Intel Xeon E5-2620 v2 @ 2.10GHz	8698	148	21.48	\$404.95
Intel Xeon E5-2620 v3 @ 2.40GHz	9981	77	23.21	\$429.99
Intel Xeon E5-2623 v3 @ 3.00GHz	9231	119	15.39	\$599.73*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	Insufficient data	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12844	42	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8926	138	11.79	\$757.00*
Intel Xeon E5-2630 v2 @ 2.60GHz	10422	62	17.37	\$599.99
Intel Xeon E5-2630 v3 @ 2.40GHz	12814	43	18.71	\$684.99
Intel Xeon E5-2630L @ 2.00GHz	7868	183	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9294	114	8.70	\$1,068.24*
Intel Xeon E5-2637 v3 @ 3.50GHz	10342	65	NA	NA
Intel Xeon E5-2640 @ 2.50GHz	9737	90	9.74	\$999.99
Intel Xeon E5-2640 v2 @ 2.00GHz	10230	67	11.50	\$889.99
Intel Xeon E5-2640 v3 @ 2.60GHz	14067	30	14.35	\$979.99
Intel Xeon E5-2643 @ 3.30GHz	8474	159	9.02	\$939.99*
Intel Xeon E5-2643 v2 @ 3.50GHz	11735	54	4.44	\$2,643.90*
Intel Xeon E5-2643 v3 @ 3.40GHz	14224	28	7.90	\$1,799.95*
Intel Xeon E5-2650 @ 2.00GHz	10375	63	9.18	\$1,129.99*
Intel Xeon E5-2650 v2 @ 2.60GHz	13026	40	11.43	\$1,139.95
Intel Xeon E5-2650 v3 @ 2.30GHz	15221	24	13.36	\$1,139.00
Intel Xeon E5-2650L v3 @ 1.80GHz	12017	Insufficient data	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2658 @ 2.10GHz	9484	104	10.54	\$899.95*
Intel Xeon E5-2658 v2 @ 2.40GHz	13875	32	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	15700	22	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11891	53	46.69	\$254.69
Intel Xeon E5-2660 v2 @ 2.20GHz	13659	35	9.76	\$1,399.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2660 v3 @ 2.60GHz	16194	19	10.80	\$1,499.99
Intel Xeon E5-2665 @ 2.40GHz	12152	50	10.08	\$1,205.04*
Intel Xeon E5-2667 @ 2.90GHz	10350	64	6.47	\$1,599.99*
Intel Xeon E5-2667 v2 @ 3.30GHz	16542	15	7.23	\$2,287.01*
Intel Xeon E5-2667 v3 @ 3.20GHz	16274	18	6.92	\$2,350.19*
Intel Xeon E5-2670 @ 2.60GHz	12812	44	8.27	\$1,549.99*
Intel Xeon E5-2670 v2 @ 2.50GHz	15056	25	9.65	\$1,559.99
Intel Xeon E5-2670 v3 @ 2.30GHz	16686	12	10.05	\$1,659.99
Intel Xeon E5-2680 @ 2.70GHz	13393	38	7.40	\$1,809.95*
Intel Xeon E5-2680 v2 @ 2.80GHz	16379	17	9.25	\$1,769.99
Intel Xeon E5-2680 v3 @ 2.50GHz	18994	6	11.06	\$1,717.62
Intel Xeon E5-2683 v3 @ 2.00GHz	16747	11	7.84	\$2,136.99*
Intel Xeon E5-2685 v3 @ 2.60GHz	14154	29	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	18783	7	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14494	26	7.59	\$1,908.99*
Intel Xeon E5-2687W v2 @ 3.40GHz	16671	14	7.94	\$2,099.99
Intel Xeon E5-2687W v3 @ 3.10GHz	17748	8	8.43	\$2,106.12
Intel Xeon E5-2689 @ 2.60GHz	13869	33	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	14340	27	7.16	\$2,004.00*
Intel Xeon E5-2690 v2 @ 3.00GHz	16399	16	7.98	\$2,054.99
Intel Xeon E5-2690 v3 @ 2.60GHz	19745	5	9.19	\$2,149.29
Intel Xeon E5-2695 v2 @ 2.40GHz	15502	23	6.63	\$2,339.99
Intel Xeon E5-2695 v3 @ 2.30GHz	20923	3	8.37	\$2,499.99
Intel Xeon E5-2696 v2 @ 2.50GHz	16681	13	NA	NA
Intel Xeon E5-2697 v2 @ 2.70GHz	17438	9	6.58	\$2,649.99
Intel Xeon E5-2697 v3 @ 2.60GHz	22203	2	8.36	\$2,656.32
Intel Xeon E5-2698 v3 @ 2.30GHz	22309	1	5.96	\$3,745.49*
Intel Xeon E5-2699 v3 @ 2.30GHz	20594	4	4.39	\$4,695.89*
Intel Xeon E5-4603 @ 2.00GHz	5014	Insufficient data	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11960	52	3.07	\$3,899.99*
Intel Xeon E3110 @ 3.00GHz	2212	955	67.06	\$32.99*
Intel Xeon E3113 @ 3.00GHz	2427	Insufficient data	NA	NA
Intel Xeon E3120 @ 3.16GHz	2493	864	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1264	140.28	\$9.99*
Intel Xeon E5240 @ 3.00GHz	2492	866	NA	NA
Intel Xeon E5310 @ 1.60GHz	2271	930	28.70	\$79.14*
Intel Xeon E5320 @ 1.86GHz	2250	935	5.92	\$379.95*
Intel Xeon E5335 @ 2.00GHz	2559	848	3.94	\$649.95*
Intel Xeon E5345 @ 2.33GHz	2931	754	14.93	\$196.42*
Intel Xeon E5405 @ 2.00GHz	2916	757	63.41	\$45.99*
Intel Xeon E5410 @ 2.33GHz	3311	664	60.22	\$54.99*
Intel Xeon E5420 @ 2.50GHz	3541	607	101.23	\$34.99*
Intel Xeon E5430 @ 2.66GHz	3945	530	65.76	\$59.99*
Intel Xeon E5440 @ 2.83GHz	4021	511	100.55	\$39.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5450 @ 3.00GHz	4307	471	53.85	\$79.99*
Intel Xeon E5462 @ 2.80GHz	4136	495	16.16	\$255.99*
Intel Xeon E5472 @ 3.00GHz	4316	467	3.93	\$1,098.95*
Intel Xeon E5502 @ 1.87GHz	1359	1287	6.63	\$204.99*
Intel Xeon E5503 @ 2.00GHz	1492	1228	7.24	\$205.99*
Intel Xeon E5504 @ 2.00GHz	2756	799	12.53	\$220.00*
Intel Xeon E5506 @ 2.13GHz	3019	730	64.27	\$46.99*
Intel Xeon E5507 @ 2.27GHz	3238	679	64.78	\$49.99*
Intel Xeon E5520 @ 2.27GHz	4458	445	68.46	\$65.13*
Intel Xeon E5530 @ 2.40GHz	4703	412	44.80	\$104.99*
Intel Xeon E5540 @ 2.53GHz	4872	398	42.76	\$113.95*
Intel Xeon E5603 @ 1.60GHz	2392	892	10.78	\$221.99*
Intel Xeon E5606 @ 2.13GHz	3080	714	9.94	\$309.99*
Intel Xeon E5607 @ 2.27GHz	3518	615	12.43	\$282.99*
Intel Xeon E5620 @ 2.40GHz	4935	385	12.34	\$399.99
Intel Xeon E5630 @ 2.53GHz	5156	368	17.78	\$289.99*
Intel Xeon E5640 @ 2.67GHz	5442	342	38.87	\$139.99*
Intel Xeon E5645 @ 2.40GHz	6659	246	19.22	\$346.56*
Intel Xeon E5649 @ 2.53GHz	7149	223	17.46	\$409.50*
Intel Xeon E7540 @ 2.00GHz	3148	Insufficient data	NA	NA
Intel Xeon L3110 @ 3.00GHz	2273	929	NA	NA
Intel Xeon L3426 @ 1.87GHz	3982	522	12.22	\$325.99*
Intel Xeon L5238 @ 2.66GHz	1823	1087	NA	NA
Intel Xeon L5240 @ 3.00GHz	2313	915	NA	NA
Intel Xeon L5320 @ 1.86GHz	2507	860	19.13	\$131.06*
Intel Xeon L5335 @ 2.00GHz	2756	798	NA	NA
Intel Xeon L5408 @ 2.13GHz	3114	709	NA	NA
Intel Xeon L5410 @ 2.33GHz	3502	620	9.23	\$379.42*
Intel Xeon L5420 @ 2.50GHz	3530	610	100.89	\$34.99*
Intel Xeon L5430 @ 2.66GHz	3995	518	NA	NA
Intel Xeon L5506 @ 2.13GHz	3715	572	NA	NA
Intel Xeon L5520 @ 2.27GHz	4357	459	48.42	\$89.99*
Intel Xeon L5530 @ 2.40GHz	4351	Insufficient data	NA	NA
Intel Xeon L5630 @ 2.13GHz	4420	451	9.80	\$451.05*
Intel Xeon L5638 @ 2.00GHz	5642	320	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5639 @ 2.13GHz	7107	224	NA	NA
Intel Xeon L5640 @ 2.27GHz	6740	245	70.96	\$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	1784	1099	NA	NA
Intel Xeon W3505 @ 2.53GHz	1876	1070	NA	NA
Intel Xeon W3520 @ 2.67GHz	5065	374	14.07	\$359.99*
Intel Xeon W3530 @ 2.80GHz	5370	350	18.27	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5491	334	7.86	\$698.95*
Intel Xeon W3550 @ 3.07GHz	5768	308	17.80	\$323.99*
Intel Xeon W3565 @ 3.20GHz	6083	286	18.83	\$322.99*
Intel Xeon W3570 @ 3.20GHz	6261	275	5.74	\$1,089.99*
Intel Xeon W3580 @ 3.33GHz	6586	253	6.08	\$1,083.47*
Intel Xeon W3670 @ 3.20GHz	8488	158	14.19	\$597.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W3680 @ 3.33GHz	9398	107	10.44	\$899.99*
Intel Xeon W3690 @ 3.47GHz	9703	92	7.90	\$1,228.99*
Intel Xeon W5580 @ 3.20GHz	5718	312	3.45	\$1,659.99*
Intel Xeon W5590 @ 3.33GHz	6314	271	3.59	\$1,759.21*
Intel Xeon X3210 @ 2.13GHz	2792	785	12.99	\$214.99*
Intel Xeon X3220 @ 2.40GHz	3137	706	10.50	\$298.95*
Intel Xeon X3230 @ 2.66GHz	3472	629	11.18	\$310.51*
Intel Xeon X3320 @ 2.50GHz	3434	638	14.94	\$229.95*
Intel Xeon X3323 @ 2.50GHz	3319	662	51.87	\$64.00
Intel Xeon X3330 @ 2.66GHz	3657	575	16.34	\$223.79*
Intel Xeon X3350 @ 2.66GHz	3986	520	44.30	\$89.99*
Intel Xeon X3353 @ 2.66GHz	3524	613	47.00	\$74.99*
Intel Xeon X3360 @ 2.83GHz	4106	501	58.67	\$69.99*
Intel Xeon X3363 @ 2.83GHz	4196	489	52.46	\$79.99*
Intel Xeon X3370 @ 3.00GHz	4496	439	12.30	\$365.50*
Intel Xeon X3380 @ 3.16GHz	4686	413	NA	NA
Intel Xeon X3430 @ 2.40GHz	3383	650	15.74	\$214.99*
Intel Xeon X3440 @ 2.53GHz	4289	473	53.63	\$79.99*
Intel Xeon X3450 @ 2.67GHz	4860	399	17.90	\$271.48*
Intel Xeon X3460 @ 2.80GHz	5158	367	14.87	\$346.99*
Intel Xeon X3470 @ 2.93GHz	5162	364	27.46	\$187.99*
Intel Xeon X3480 @ 3.07GHz	5986	Insufficient data	NA	NA
Intel Xeon X5260 @ 3.33GHz	2493	865	17.81	\$139.99
Intel Xeon X5270 @ 3.50GHz	2499	863	NA	NA
Intel Xeon X5272 @ 3.40GHz	2486	868	5.78	\$429.95*
Intel Xeon X5355 @ 2.66GHz	3260	672	6.65	\$490.00*
Intel Xeon X5365 @ 3.00GHz	3544	605	25.02	\$141.68*
Intel Xeon X5450 @ 3.00GHz	4198	488	38.17	\$110.00*
Intel Xeon X5460 @ 3.16GHz	4489	441	69.09	\$64.99*
Intel Xeon X5470 @ 3.33GHz	4759	406	NA	NA
Intel Xeon X5472 @ 3.00GHz	4110	500	4.87	\$844.50*
Intel Xeon X5482 @ 3.20GHz	4748	408	49.99	\$94.99*
Intel Xeon X5492 @ 3.40GHz	4921	389	3.54	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5422	347	144.38	\$37.56*
Intel Xeon X5560 @ 2.80GHz	5442	341	32.21	\$168.99*
Intel Xeon X5570 @ 2.93GHz	5638	321	28.19	\$199.99*
Intel Xeon X5647 @ 2.93GHz	5995	289	4.97	\$1,207.50*
Intel Xeon X5650 @ 2.67GHz	7587	198	15.72	\$482.79
Intel Xeon X5660 @ 2.80GHz	7998	174	84.20	\$94.99*
Intel Xeon X5667 @ 3.07GHz	4655	Insufficient data	3.23	\$1,440.00*
Intel Xeon X5670 @ 2.93GHz	8164	168	42.97	\$190.00
Intel Xeon X5672 @ 3.20GHz	5148	Insufficient data	NA	NA
Intel Xeon X5675 @ 3.07GHz	8584	152	23.52	\$364.95*
Intel Xeon X5677 @ 3.47GHz	7046	227	4.24	\$1,663.00*
Intel Xeon X5679 @ 3.20GHz	8652	Insufficient data	NA	NA
Intel Xeon X5680 @ 3.33GHz	9011	132	29.07	\$310.00
Intel Xeon X5687 @ 3.60GHz	7217	217	NA	NA
Intel Xeon X5690 @ 3.47GHz	9273	117	30.21	\$307.00
Intel Xeon X5698 @ 4.40GHz	4272	474	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X6550 @ 2.00GHz	2977	Insufficient data	NA	NA
Mobile AMD Athlon 4	314	1934	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	1887	NA	NA
Mobile AMD Athlon 64 2700+	398	1840	NA	NA
Mobile AMD Athlon 64 2800+	440	1790	NA	NA
Mobile AMD Athlon 64 3000+	450	1782	NA	NA
Mobile AMD Athlon 64 3200+	422	1808	NA	NA
Mobile AMD Athlon 64 3400+	511	1721	NA	NA
Mobile AMD Athlon 64 3700+	363	1882	NA	NA
Mobile AMD Athlon 64 4000+	614	1665	NA	NA
Mobile AMD Athlon 1400+	266	2010	NA	NA
Mobile AMD Athlon 2500+	370	1872	NA	NA
Mobile AMD Athlon MP-M 1800+	265	Insufficient data	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon MP-M 2000+	378	1863	NA	NA
Mobile AMD Athlon MP-M 2400+	295	Insufficient data	NA	NA
Mobile AMD Athlon MP-M 2800+	496	1734	NA	NA
Mobile AMD Athlon XP	572	1688	NA	NA
Mobile AMD Athlon XP-M	512	1719	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2091	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2016	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2020	NA	NA
Mobile AMD Athlon XP-M 1700+	323	1925	NA	NA
Mobile AMD Athlon XP-M 1800+	312	1936	NA	NA
Mobile AMD Athlon XP-M 1900+	342	1908	NA	NA
Mobile AMD Athlon XP-M 2000+	300	1957	NA	NA
Mobile AMD Athlon XP-M 2200+	376	1865	NA	NA
Mobile AMD Athlon XP-M 2400+	346	1903	NA	NA
Mobile AMD Athlon XP-M 2500+	369	1876	NA	NA
Mobile AMD Athlon XP-M 2600+	369	1875	NA	NA
Mobile AMD Athlon XP-M 2800+	398	1841	NA	NA
Mobile AMD Athlon XP-M 3000+	365	1880	NA	NA
Mobile AMD Athlon XP-M 3100+	440	1792	NA	NA
Mobile AMD Athlon XP-M 3200+	487	1743	NA	NA
Mobile AMD Athlon XP-M (LV)	508	1724	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	1975	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	1961	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	1915	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	1869	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	1758	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	1726	NA	NA
Mobile AMD Sempron 2100+	254	2024	NA	NA
Mobile AMD Sempron 2600+	403	1830	NA	NA
Mobile AMD Sempron 2800+	354	1894	NA	NA
Mobile AMD Sempron 3000+	387	1857	NA	NA
Mobile AMD Sempron 3100+	415	1816	NA	NA
Mobile AMD Sempron 3200+	354	1893	NA	NA
Mobile AMD Sempron 3300+	460	1771	NA	NA
Mobile AMD Sempron 3400+	455	1776	NA	NA
Mobile AMD Sempron 3500+	403	1828	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Sempron 3600+	438	1794	NA	NA
Mobile AMD Sempron 3800+	517	1714	NA	NA
Mobile Intel Celeron 1.20GHz	170	2099	NA	NA
Mobile Intel Celeron 1.50GHz	188	2084	NA	NA
Mobile Intel Celeron 1.60GHz	188	2085	NA	NA
Mobile Intel Celeron 1.70GHz	181	2093	NA	NA
Mobile Intel Celeron 1.80GHz	186	2088	NA	NA
Mobile Intel Celeron 2.00GHz	241	2041	NA	NA
Mobile Intel Celeron 2.20GHz	226	2054	NA	NA
Mobile Intel Celeron 2.40GHz	239	2042	NA	NA
Mobile Intel Celeron 2.50GHz	281	1993	NA	NA
Mobile Intel Celeron 1200MHz	294	1962	NA	NA
Mobile Intel Celeron 1333MHz	309	1941	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	1998	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2012	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	1996	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	1933	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	1912	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	1892	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	1793	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	1754	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2079	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	177	2095	0.94	\$187.99
Mobile Intel Pentium 4 - M 1.80GHz	221	2060	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2048	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	220	2061	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	211	2073	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2070	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2022	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	1935	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2072	NA	NA
Mobile Intel Pentium III - M 933MHz	226	2053	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2030	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	1972	NA	NA
Mobile Intel Pentium III - M 1200MHz	263	2013	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	1973	NA	NA
Quad-Core AMD Opteron 1385	3620	589	41.15	\$87.99
VIA C3 Ezra	100	2123	NA	NA
VIA C7 1500MHz	284	1987	NA	NA
VIA C7-D 1500MHz	287	1981	NA	NA
VIA C7-D 1800MHz	195	2080	NA	NA
VIA C7-D 2000MHz	368	1878	NA	NA
VIA C7-M 1000MHz	164	2102	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA C7-M 1200MHz	143	2112	NA	NA
VIA C7-M 1600MHz	188	2087	NA	NA
VIA C7-M 6300MHz	222	2059	NA	NA
VIA Eden 800MHz	155	2106	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	478	1756	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	1405	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Esther 1000MHz	169	2100	NA	NA
VIA Esther 1300MHz	250	2028	NA	NA
VIA Esther 1500MHz	219	2063	NA	NA
VIA Esther 2000MHz	394	1849	NA	NA
VIA Nano L1900@1400MHz	457	1775	NA	NA
VIA Nano L2007@1600MHz	381	1859	NA	NA
VIA Nano L2100@1800MHz	428	1803	NA	NA
VIA Nano L2207@1600MHz	340	Insufficient data	NA	NA
VIA Nano L3025@1600MHz	517	1715	NA	NA
VIA Nano L3050@1800MHz	581	1681	NA	NA
VIA Nano L3600@2000MHz	645	1649	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	1864	NA	NA
VIA Nano U2250@1300+MHz	286	1984	NA	NA
VIA Nano U2500@1200MHz	306	1948	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	1730	NA	NA
VIA Nano U3300@1200MHz	409	1819	NA	NA
VIA Nano U3500@1000MHz	306	1947	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	639	Insufficient data	NA	NA
VIA Nehemiah	155	2107	NA	NA
VIA QuadCore C4650@2.0GHz	1898	1055	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	Insufficient data	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	1387	NA	NA
VIA Samuel 2	79	2125	NA	NA

\* - Last price seen from our affiliates.

## Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	126	NA	NA
[Dual CPU] AMD Athlon 64 FX-72	3163	Insufficient data	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	3224	186	3.23	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	Insufficient data	NA	NA
[Dual CPU] AMD Opteron 246	1130	208	5.19	\$217.90
[Dual CPU] AMD Opteron 248	1222	207	NA	NA
[Dual CPU] AMD Opteron 250	1436	206	8.28	\$173.34*
[Dual CPU] AMD Opteron 252	1524	205	18.15	\$83.98*
[Dual CPU] AMD Opteron 256	1853	Insufficient data	NA	NA
[Dual CPU] AMD Opteron 270	2135	202	1.75	\$1,219.92*
[Dual CPU] AMD Opteron 275	2101	203	16.16	\$129.98
[Dual CPU] AMD Opteron 280	2551	198	14.44	\$176.66*
[Dual CPU] AMD Opteron 285	2772	195	NA	NA
[Dual CPU] AMD Opteron 290	2946	191	10.91	\$270.00*
[Dual CPU] AMD Opteron 885	2851	193	NA	NA
[Dual CPU] AMD Opteron 2212	2150	Insufficient data	71.67	\$30.00
[Dual CPU] AMD Opteron 2214 HE	2310	Insufficient data	NA	NA
[Dual CPU] AMD Opteron 2216	2514	199	4.44	\$566.00
[Dual CPU] AMD Opteron 2216 HE	2593	Insufficient data	NA	NA
[Dual CPU] AMD Opteron 2218	2665	196	1.56	\$1,711.44*
[Dual CPU] AMD Opteron 2218 HE	2397	Insufficient data	NA	NA
[Dual CPU] AMD Opteron 2220	2974	190	6.00	\$496.00
[Dual CPU] AMD Opteron 2220 SE	2882	192	NA	NA
[Dual CPU] AMD Opteron 2222	3011	189	NA	NA
[Dual CPU] AMD Opteron 2222 SE	3303	185	117.96	\$28.00*
[Dual CPU] AMD Opteron 2346 HE	4095	179	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3313	184	6.87	\$482.00
[Dual CPU] AMD Opteron 2350	4421	174	8.19	\$539.98*
[Dual CPU] AMD Opteron 2354	4591	172	6.91	\$664.00*
[Dual CPU] AMD Opteron 2356	4564	173	40.83	\$111.78*
[Dual CPU] AMD Opteron 2360 SE	5334	161	10.18	\$524.00
[Dual CPU] AMD Opteron 2376	5238	163	15.70	\$333.60
[Dual CPU] AMD Opteron 2378	5559	Insufficient data	15.53	\$358.00*
[Dual CPU] AMD Opteron 2380	5726	Insufficient data	204.50	\$28.00
[Dual CPU] AMD Opteron 2384	5918	153	NA	NA
[Dual CPU] AMD Opteron 2387	6441	144	NA	NA
[Dual CPU] AMD Opteron 2389	4910	167	NA	NA
[Dual CPU] AMD Opteron 2419	5571	159	27.86	\$199.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2425 HE	6209	148	NA	NA
[Dual CPU] AMD Opteron 2427	6175	149	19.15	\$322.46*
[Dual CPU] AMD Opteron 2435	7503	129	31.16	\$240.80*
[Dual CPU] AMD Opteron 2439 SE	8112	114	NA	NA
[Dual CPU] AMD Opteron 4122	4076	180	7.84	\$519.90*
[Dual CPU] AMD Opteron 4170 HE	6038	Insufficient data	13.72	\$440.02
[Dual CPU] AMD Opteron 4184	7870	121	18.01	\$437.08*
[Dual CPU] AMD Opteron 4226	8088	116	15.92	\$507.98
[Dual CPU] AMD Opteron 4234	9479	Insufficient data	12.43	\$762.72*
[Dual CPU] AMD Opteron 4276 HE	9681	Insufficient data	NA	NA
[Dual CPU] AMD Opteron 4284	6506	Insufficient data	9.10	\$714.60*
[Dual CPU] AMD Opteron 4386	11888	74	16.51	\$719.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6128	6907	138	16.41	\$420.98
[Dual CPU] AMD Opteron 6132 HE	8657	Insufficient data	NA	NA
[Dual CPU] AMD Opteron 6136	8054	Insufficient data	7.35	\$1,095.46
[Dual CPU] AMD Opteron 6168	7741	Insufficient data	9.71	\$797.00
[Dual CPU] AMD Opteron 6172	7764	124	13.18	\$589.24
[Dual CPU] AMD Opteron 6174	8874	103	25.74	\$344.80
[Dual CPU] AMD Opteron 6180 SE	3114	Insufficient data	NA	NA
[Dual CPU] AMD Opteron 6212	8955	100	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	9936	91	15.29	\$650.00
[Dual CPU] AMD Opteron 6274	10729	82	6.13	\$1,749.90*
[Dual CPU] AMD Opteron 6275	9936	Insufficient data	NA	NA
[Dual CPU] AMD Opteron 6276	10379	86	39.69	\$261.50
[Dual CPU] AMD Opteron 6308	8131	Insufficient data	7.89	\$1,029.98
[Dual CPU] AMD Opteron 6320	10266	87	17.70	\$579.98
[Dual CPU] AMD Opteron 6328	11810	76	9.60	\$1,229.64
[Dual CPU] AMD Opteron 6344	11178	79	13.57	\$823.98
[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
[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	13.70	\$412.00
[Dual CPU] AMD Opteron 8431	5813	155	NA	NA
[Dual CPU] AMD Opteron 8435	7606	127	28.17	\$270.00*
[Dual CPU] AMD Opteron 8439 SE	8029	117	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	8359	110	4.20	\$1,990.00*
[Dual CPU] Intel Pentium III - S 1400MHz	543	216	NA	NA
[Dual CPU] Intel Pentium III family 1133MHz	450	Insufficient data	NA	NA
[Dual CPU] Intel Pentium III family 1266MHz	465	219	NA	NA
[Dual CPU] Intel Pentium III family 1400MHz	540	217	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	486	218	26.70	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	Insufficient data	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	660	214	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	791	213	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	215	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	876	212	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	890	211	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	920	210	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1940	204	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	964	209	0.57	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2172	201	9.78	\$222.04*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	200	4.36	\$530.00*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2615	197	130.88	\$19.98*
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	3064	187	191.74	\$15.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	3063	188	117.90	\$25.98*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3492	183	174.77	\$19.98*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3892	181	NA	NA
[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	75	14.61	\$810.00*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	12394	70	14.08	\$879.98
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	61	10.49	\$1,299.98*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	14265	57	12.51	\$1,139.98
[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	46	5.61	\$2,959.98*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6245	147	14.87	\$419.98*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6560	142	15.62	\$419.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	7878	Insufficient data	17.91	\$439.98
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8147	112	12.93	\$629.98*
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8705	106	14.51	\$599.98
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9812	92	16.09	\$609.98
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12597	68	14.58	\$863.98*
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13419	65	16.57	\$809.90
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15717	50	18.28	\$859.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14900	52	12.42	\$1,199.46*
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13979	60	9.23	\$1,514.00*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16162	47	13.47	\$1,199.98
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18669	37	13.63	\$1,369.98
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11980	Insufficient data	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	62	NA	NA
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	16148	48	7.56	\$2,136.48*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	17045	43	NA	NA
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14844	53	7.42	\$1,999.98
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14773	54	8.30	\$1,779.98
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20885	25	10.66	\$1,959.98
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13467	64	7.16	\$1,879.98*
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21394	22	4.05	\$5,287.80*
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	19965	30	5.55	\$3,599.90*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12233	Insufficient data	NA	NA
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15265	51	6.75	\$2,259.98*
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19398	32	8.51	\$2,279.90
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	21138	24	9.28	\$2,278.00
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	56	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	17485	40	34.33	\$509.38
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	20120	28	7.19	\$2,799.98
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	24137	13	8.05	\$2,999.98
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17738	38	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	44	5.29	\$3,199.98*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	23295	17	5.09	\$4,574.02*
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22547	20	4.80	\$4,700.38*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18785	35	6.06	\$3,099.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	22373	21	7.17	\$3,119.98
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	23164	18	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	36	5.17	\$3,619.90*
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	23323	16	6.59	\$3,539.98
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	25857	5	7.53	\$3,435.24
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	24113	14	5.64	\$4,273.98*
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	21238	23	5.56	\$3,817.98*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	24552	9	5.85	\$4,199.98
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	25004	6	5.94	\$4,212.24
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	20362	27	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	20758	26	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	27832	3	6.47	\$4,298.58
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	23098	19	4.94	\$4,679.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	27267	4	5.45	\$4,999.98
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	24833	7	NA	NA
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	24016	15	4.53	\$5,299.98
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	29895	2	5.63	\$5,312.64
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	30687	1	4.10	\$7,490.98*
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	24191	12	2.58	\$9,391.78*
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	31	NA	NA
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	34	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19369	33	2.48	\$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	39	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	182	23.17	\$158.28*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4294	175	5.65	\$759.90*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	Insufficient data	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4627	171	3.56	\$1,299.90*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5226	164	13.30	\$392.84*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5300	162	57.62	\$91.98*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6120	150	55.65	\$109.98*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6501	143	92.90	\$69.98*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6990	136	58.26	\$119.98*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7373	131	92.19	\$79.98*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7795	122	48.72	\$159.98*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7377	130	14.41	\$511.98*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7873	120	3.58	\$2,197.90*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	194	6.80	\$411.98*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4985	166	11.33	\$440.00*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5146	165	54.76	\$93.98*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5668	156	56.69	\$99.98*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7527	128	57.78	\$130.26*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7767	123	36.99	\$209.98*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	8127	113	35.66	\$227.90*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4238	178	9.55	\$443.98*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5588	158	9.01	\$619.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	6004	151	10.61	\$565.98*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8272	111	10.34	\$799.98
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8464	109	14.59	\$579.98*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8839	104	31.57	\$279.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10655	84	15.37	\$693.12*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10789	81	13.17	\$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	177	16.35	\$262.12*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	168	NA	NA
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	157	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6272	146	8.27	\$758.84*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6612	141	94.48	\$69.98*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6732	139	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	137	38.58	\$179.98*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	Insufficient data	NA	NA
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7271	133	8.06	\$902.10*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8930	102	NA	NA
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9625	94	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	10450	85	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	10147	89	3.06	\$3,319.98*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10671	83	3.03	\$3,518.42*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	Insufficient data	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4824	170	17.23	\$279.98
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4866	169	5.66	\$859.90*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5923	152	6.04	\$980.00*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6371	145	22.48	\$283.36*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7719	125	35.09	\$220.00*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	8110	115	62.39	\$129.98*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8633	107	NA	NA
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7916	118	4.69	\$1,689.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8549	108	45.00	\$189.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8978	99	3.23	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	9239	97	122.99	\$75.12*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9448	95	27.95	\$337.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9729	93	24.32	\$399.98*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	10253	88	4.25	\$2,415.00*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11726	77	12.14	\$965.58
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11950	73	62.90	\$189.98*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8809	105	3.06	\$2,880.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12973	66	34.14	\$380.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	9278	96	NA	NA
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12888	67	17.66	\$729.90*
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11701	78	3.52	\$3,326.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	63	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	14156	58	22.83	\$620.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	12270	71	NA	NA
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	14402	55	23.46	\$614.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8974	Insufficient data	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6640	140	NA	NA
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	90	17.75	\$559.98
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	Insufficient data	26.44	\$439.98
[Dual CPU] Quad-Core AMD Opteron 2352	4378	Insufficient data	9.95	\$440.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	4910	Insufficient data	11.16	\$440.00
[Dual CPU] Quad-Core AMD Opteron 8350	4290	176	9.75	\$440.00
[Dual CPU] Quad-Core AMD Opteron 8356	4299	Insufficient data	10.09	\$426.00
[Dual CPU] Quad-Core AMD Opteron 8378	5382	160	9.75	\$552.00
[Dual CPU] Quad-Core AMD Opteron 8393 SE	7051	135	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	Insufficient data	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5868	154	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	Insufficient data	NA	NA
[Quad CPU] AMD Opteron 6136	9767	Insufficient data	4.46	\$2,190.92
[Quad CPU] AMD Opteron 6272	12587	69	9.68	\$1,300.00
[Quad CPU] AMD Opteron 6274	11383	Insufficient data	3.25	\$3,499.80*
[Quad CPU] AMD Opteron 6276	17144	42	32.78	\$523.00
[Quad CPU] AMD Opteron 6278	12055	72	4.15	\$2,906.52*
[Quad CPU] AMD Opteron 8360 SE	7915	119	7.17	\$1,104.00
[Quad CPU] AMD Opteron 8425 HE	7359	132	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 8431	8352	Insufficient data	NA	NA
[Quad CPU] AMD Opteron 8435	7099	134	13.15	\$540.00*
[Quad CPU] AMD Opteron 8439 SE	8943	101	NA	NA
[Quad CPU] Intel Xeon 3.00GHz	1472	Insufficient data	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	45	NA	NA
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24511	10	NA	NA
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	49	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	41	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	11090	80	NA	NA
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	Insufficient data	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9238	98	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	59	15.94	\$879.96
[Quad CPU] Quad-Core AMD Opteron 8356	7170	Insufficient data	8.42	\$852.00

\* - Last price seen from our affiliates.

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