



# CPU Benchmarks

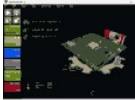
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## CPU List

About Us

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

## Single CPU Systems

Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2334	NA	NA
AMD A4 Micro-6400T APU	1544	1531	NA	NA
AMD A4 PRO-3340B	2736	1065	NA	NA
AMD A4 PRO-7300B APU	2342	1182	NA	NA
AMD A4 PRO-7350B	2794	1043	NA	NA
AMD A4-1200 APU	632	2013	NA	NA
AMD A4-1250 APU	608	2025	NA	NA
AMD A4-3300 APU	1510	1545	71.56	\$21.11
AMD A4-3300M APU	1194	1710	39.82	\$29.99*
AMD A4-3305M APU	1226	1695	40.88	\$30.00*
AMD A4-3310MX APU	1326	1630	NA	NA
AMD A4-3320M APU	1247	1680	40.24	\$31.00
AMD A4-3330MX APU	1217	1700	NA	NA
AMD A4-3400 APU	1600	1507	20.01	\$79.99
AMD A4-3420 APU	1678	1471	NA	NA
AMD A4-4000 APU	1816	1395	41.28	\$44.00
AMD A4-4020 APU	1778	1412	33.55	\$53.00
AMD A4-4300M APU	1679	1467	42.14	\$39.86
AMD A4-4355M APU	1161	1726	NA	NA
AMD A4-5000 APU	1897	1357	NA	NA
AMD A4-5100 APU	2067	1291	NA	NA
AMD A4-5150M APU	1860	1381	NA	NA
AMD A4-5300 APU	1993	1322	28.89	\$69.00
AMD A4-5300B APU	2031	1305	53.47	\$38.00*
AMD A4-6210 APU	2129	1266	NA	NA
AMD A4-6250J APU	2552	1116	NA	NA
AMD A4-6300 APU	2224	1237	64.45	\$34.51
AMD A4-6300B APU	2042	1299	20.42	\$100.00*
AMD A4-6320 APU	2310	1192	47.99	\$48.14
AMD A4-7210 APU	2500	1134	NA	NA
AMD A4-7300 APU	2238	1228	60.51	\$36.99
AMD A6 Micro-6500T APU	1834	1389	NA	NA
AMD A6 PRO-7050B APU	1573	1522	NA	NA
AMD A6 PRO-7400B	2697	1073	NA	NA
AMD A6-1450 APU	1524	1539	NA	NA
AMD A6-3400M APU	1899	1356	54.35	\$34.96*
AMD A6-3410MX APU	2084	1284	69.51	\$29.99*
AMD A6-3420M APU	2022	1310	NA	NA
AMD A6-3430MX APU	2224	1236	NA	NA
AMD A6-3500 APU	2004	1316	50.13	\$39.99*
AMD A6-3600 APU	2715	1069	18.10	\$149.99
AMD A6-3620 APU	2823	1035	47.07	\$59.99*
AMD A6-3650 APU	3179	930	21.20	\$149.99*
AMD A6-3670 APU	3209	920	14.29	\$224.57
AMD A6-4400M APU	1620	1495	40.66	\$39.86*
AMD A6-4455M APU	1279	1660	NA	NA
AMD A6-5200 APU	2400	1162	NA	NA
AMD A6-5345M APU	1481	1555	NA	NA
AMD A6-5350M APU	1902	1353	31.73	\$59.95*
AMD A6-5357M APU	1867	1379	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5400B APU	2225	1235	21.19	\$105.04*
AMD A6-5400K APU	2139	1263	42.78	\$50.00
AMD A6-6310 APU	2400	1161	NA	NA
AMD A6-6400B APU	2414	1157	NA	NA
AMD A6-6400K APU	2293	1203	53.22	\$43.09
AMD A6-6420B APU	2612	1097	NA	NA
AMD A6-6420K APU	2261	1216	37.54	\$60.24*
AMD A6-7000	1681	1466	NA	NA
AMD A6-7310 APU	2628	1089	NA	NA
AMD A6-7400K APU	2781	1047	55.28	\$50.32
AMD A6-7470K	2778	1048	56.12	\$49.50
AMD A6-8500P	2183	1249	NA	NA
AMD A6-8550	3104	949	NA	NA
AMD A6-9210	2006	1315	NA	NA
AMD A6-9500	3212	917	NA	NA
AMD A8 PRO-7150B APU	2744	1062	NA	NA
AMD A8 PRO-7600B APU	4823	582	NA	NA
AMD A8-3500M APU	1973	1326	40.28	\$49.00*
AMD A8-3510MX APU	2391	1166	NA	NA
AMD A8-3520M APU	2204	1241	NA	NA
AMD A8-3530MX APU	2367	1176	NA	NA

CPU Name	Passmark CPU Mark (higher is better) ↕	Rank (lower is better) ^	CPU Value (higher is better) ^	Price (USD) ↕
AMD A8-3550MX APU	2629	1088	NA	NA
AMD A8-3800 APU	3096	951	17.46	\$177.34*
AMD A8-3820 APU	3164	934	39.56	\$79.99*
AMD A8-3850 APU	3491	841	17.46	\$199.99
AMD A8-3870K APU	3586	821	23.91	\$149.99
AMD A8-4500M APU	2654	1082	NA	NA
AMD A8-4555M APU	2114	1273	NA	NA
AMD A8-5500 APU	3982	726	30.87	\$129.00*
AMD A8-5500B APU	3821	760	NA	NA
AMD A8-5545M APU	2556	1115	NA	NA
AMD A8-5550M APU	2999	982	NA	NA
AMD A8-5557M APU	2962	993	NA	NA
AMD A8-5600K APU	4333	668	33.59	\$129.00
AMD A8-6410 APU	2528	1119	NA	NA
AMD A8-6500 APU	4391	653	34.68	\$126.61
AMD A8-6500B APU	4546	629	NA	NA
AMD A8-6500T APU	3330	887	NA	NA
AMD A8-6600K APU	4573	622	14.61	\$313.11
AMD A8-7050	1986	1324	NA	NA
AMD A8-7100 APU	2829	1032	NA	NA
AMD A8-7200P	3366	877	NA	NA
AMD A8-7410 APU	2692	1076	NA	NA
AMD A8-7600 APU	5140	536	80.35	\$63.97
AMD A8-7650K	4943	561	61.80	\$79.99
AMD A8-7670K	5056	545	49.58	\$101.99
AMD A8-8600P	3243	910	NA	NA
AMD A8-8650	5359	508	NA	NA
AMD A9-9400	2263	1214	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A9-9410	2622	1091	NA	NA
AMD A10 Micro-6700T APU	1875	1372	NA	NA
AMD A10 PRO-7350B APU	3274	899	NA	NA
AMD A10 PRO-7800B APU	5424	497	NA	NA
AMD A10 PRO-7850B APU	5614	471	NA	NA
AMD A10-4600M APU	3111	948	NA	NA
AMD A10-4655M APU	2578	1109	NA	NA
AMD A10-4657M APU	2906	1008	NA	NA
AMD A10-5700 APU	4199	692	28.18	\$149.00
AMD A10-5745M APU	2762	1054	NA	NA
AMD A10-5750M APU	3342	882	NA	NA
AMD A10-5757M APU	3092	953	NA	NA
AMD A10-5800B APU	4572	623	NA	NA
AMD A10-5800K APU	4630	612	35.66	\$129.88
AMD A10-6700 APU	4599	617	35.15	\$130.86
AMD A10-6700T APU	3702	794	14.20	\$260.78*
AMD A10-6790K APU	4658	605	33.59	\$138.67
AMD A10-6800B APU	4990	556	NA	NA
AMD A10-6800K APU	4892	570	47.40	\$103.20
AMD A10-7300 APU	2939	1001	NA	NA
AMD A10-7400P	3669	801	NA	NA
AMD A10-7700K APU	5168	531	57.75	\$89.50
AMD A10-7800 APU	5079	540	48.38	\$104.99*
AMD A10-7850K APU	5501	482	43.05	\$127.78
AMD A10-7860K	5099	537	53.69	\$94.99
AMD A10-7870K	5499	483	50.00	\$109.99
AMD A10-7890K	5740	458	34.15	\$168.11
AMD A10-8700P	3462	852	NA	NA
AMD A10-8750	5185	529	NA	NA
AMD A10-8850	5613	472	NA	NA
AMD A10-9600P	3603	814	NA	NA
AMD A10-9630P	4562	625	NA	NA
AMD A10-9700	5511	481	NA	NA
AMD A12-9700P	3933	741	NA	NA
AMD A12-9800	5737	460	NA	NA
AMD Athlon64 X2 Dual Core 3800+	997	1822	NA	NA
AMD Athlon64 X2 Dual Core 4200+	1006	1814	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	1755	NA	NA
AMD Athlon 4	279	2352	3.80	\$73.60
AMD Athlon 64 2000+	116	2483	NA	NA
AMD Athlon 64 2200+	575	2046	NA	NA
AMD Athlon 64 2600+	374	2226	NA	NA
AMD Athlon 64 2800+	436	2156	4.36	\$99.99*
AMD Athlon 64 3000+	461	2127	5.44	\$84.95*
AMD Athlon 64 3200+	490	2097	3.27	\$149.95*
AMD Athlon 64 3300+	576	2045	NA	NA
AMD Athlon 64 3400+	544	2056	NA	NA
AMD Athlon 64 3500+	537	2062	9.12	\$59.00
AMD Athlon 64 3600+	601	2030	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 3700+	598	2031	8.68	\$69.00*
AMD Athlon 64 3800+	589	2034	9.83	\$60.00
AMD Athlon 64 4000+	606	2026	3.06	\$197.95*
AMD Athlon 64 FX-25	794	1937	NA	NA
AMD Athlon 64 FX-34	380	2219	NA	NA
AMD Athlon 64 FX-51	437	2153	NA	NA
AMD Athlon 64 FX-53	646	2005	NA	NA
AMD Athlon 64 FX-55	721	1968	4.01	\$179.95
AMD Athlon 64 FX-57	730	1963	NA	NA
AMD Athlon 64 FX-59	715	1974	NA	NA
AMD Athlon 64 FX-60 Dual Core	1287	1654	NA	NA
AMD Athlon 64 FX-62 Dual Core	1571	1523	NA	NA
AMD Athlon 64 FX-72	1794	1407	NA	NA

CPU Name	Passmark CPU Mark (higher is better) ↕	Rank (lower is better) ^	CPU Value (higher is better) ^	Price (USD) ↕
AMD Athlon 64 FX-74	1495	1551	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	1857	NA	NA
AMD Athlon 64 X2 4200+	1285	1655	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1607	3.90	\$349.95*
AMD Athlon 64 X2 Dual Core 3400+	1003	1818	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	970	1839	16.17	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1003	1819	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1041	1791	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	1757	8.46	\$129.95
AMD Athlon 64 X2 Dual Core 4400+	1149	1734	19.15	\$60.00
AMD Athlon 64 X2 Dual Core 4600+	1220	1699	3.39	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1263	1672	7.90	\$159.95
AMD Athlon 64 X2 Dual Core 5000+	1312	1635	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1384	1599	26.07	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1447	1574	27.33	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1468	1559	9.80	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1536	1535	17.07	\$90.00*
AMD Athlon 64 X2 Dual Core 6000+	1605	1503	49.39	\$32.50
AMD Athlon 64 X2 Dual Core 6400+	1792	1408	6.90	\$259.95
AMD Athlon 64 X2 Dual Core BE-230	1095	1762	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	1773	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	1788	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	1920	24.03	\$34.95*
AMD Athlon 64 X2 Dual Core TK-55	854	1909	14.80	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	1838	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	876	1897	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	804	1936	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	881	1894	12.12	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	919	1878	NA	NA
AMD Athlon 64 X2 QL-60	923	1876	NA	NA
AMD Athlon 64 X2 QL-62	1024	1801	NA	NA
AMD Athlon 64 X2 QL-64	974	1835	NA	NA
AMD Athlon 64 X2 QL-65	1035	1795	NA	NA
AMD Athlon 64 X2 QL-66	939	1865	NA	NA
AMD Athlon 64 X2 QL-67	1006	1813	NA	NA
AMD Athlon 64 X2 TK-55	955	1858	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 TK-57	988	1827	NA	NA
AMD Athlon 1500+	294	2325	NA	NA
AMD Athlon 1640B	668	1997	13.36	\$50.00*
AMD Athlon 1700+	349	2257	NA	NA
AMD Athlon 2000+	390	2213	NA	NA
AMD Athlon 2100+	412	2176	NA	NA
AMD Athlon 2200+	363	2243	4.55	\$79.99*
AMD Athlon 2400+	462	2126	NA	NA
AMD Athlon 2500+	374	2225	4.41	\$84.99*
AMD Athlon 2600+	444	2146	4.23	\$104.95*
AMD Athlon 2650e	407	2183	21.45	\$19.00*
AMD Athlon 2800+	447	2143	8.96	\$49.99*
AMD Athlon 2850e	498	2092	NA	NA
AMD Athlon 3100+	485	2107	NA	NA
AMD Athlon 3200+	458	2131	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1285	1656	12.86	\$99.95*
AMD Athlon 5150 APU	2085	1283	17.07	\$122.20
AMD Athlon 5200 Dual-Core	1238	1684	13.71	\$90.33*
AMD Athlon 5350 APU	2573	1112	23.33	\$110.32*
AMD Athlon 5370 APU	2850	1027	44.08	\$64.66
AMD Athlon 7450 Dual-Core	1421	1583	NA	NA
AMD Athlon 7550 Dual-Core	1453	1572	24.23	\$60.00
AMD Athlon 7750 Dual-Core	1576	1518	8.64	\$182.54*
AMD Athlon 7850 Dual-Core	1705	1447	8.14	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2337	NA	NA
AMD Athlon Dual Core 4050e	1086	1770	NA	NA
AMD Athlon Dual Core 4450B	1166	1722	68.62	\$17.00*
AMD Athlon Dual Core 4450e	1101	1756	NA	NA
AMD Athlon Dual Core 4850B	1471	1557	NA	NA
AMD Athlon Dual Core 4850e	1314	1634	33.70	\$39.00*
AMD Athlon Dual Core 5000B	1298	1647	13.67	\$95.00*
AMD Athlon Dual Core 5050e	1343	1621	22.40	\$60.00*
AMD Athlon Dual Core 5200B	1334	1626	NA	NA
AMD Athlon Dual Core 5400B	1413	1589	NA	NA
AMD Athlon Dual Core 5600B	1304	1640	NA	NA
AMD Athlon II 160u	552	2054	18.44	\$29.99*
AMD Athlon II 170u	624	2016	20.86	\$29.95*
AMD Athlon II Dual-Core M300	1120	1746	NA	NA
AMD Athlon II Dual-Core M320	1147	1736	38.26	\$30.00*
AMD Athlon II Dual-Core M340	1040	1793	NA	NA
AMD Athlon II N330 Dual-Core	1154	1730	NA	NA
AMD Athlon II N350 Dual-Core	1225	1696	NA	NA
AMD Athlon II N370 Dual-Core	1559	1526	NA	NA
AMD Athlon II Neo K125	470	2120	NA	NA
AMD Athlon II Neo K145	545	2055	NA	NA
AMD Athlon II Neo K325 Dual-Core	785	1941	30.22	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	1908	NA	NA
AMD Athlon II Neo N36L Dual-Core	827	1927	NA	NA
AMD Athlon II P320 Dual-Core	1213	1701	34.73	\$34.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II P340 Dual-Core	1253	1676	34.82	\$35.99*
AMD Athlon II P360 Dual-Core	1321	1632	73.44	\$18.00
AMD Athlon II X2 210e	1486	1553	NA	NA
AMD Athlon II X2 215	1582	1516	35.16	\$45.00*
AMD Athlon II X2 220	1631	1491	50.67	\$32.19

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 225	1526	1537	NA	NA
AMD Athlon II X2 235e	1658	1481	27.73	\$59.80
AMD Athlon II X2 240	1642	1487	46.99	\$34.95
AMD Athlon II X2 240e	1706	1446	48.82	\$34.95*
AMD Athlon II X2 245	1688	1460	48.31	\$34.95
AMD Athlon II X2 245e	1710	1443	21.39	\$80.00*
AMD Athlon II X2 250	1748	1428	44.89	\$38.95
AMD Athlon II X2 250e	1949	1335	25.41	\$76.73*
AMD Athlon II X2 250u	1005	1815	28.78	\$34.95
AMD Athlon II X2 255	1842	1387	30.73	\$59.98*
AMD Athlon II X2 260	1885	1365	39.29	\$48.00*
AMD Athlon II X2 260u	1124	1743	13.48	\$83.44*
AMD Athlon II X2 265	1870	1374	22.57	\$82.88*
AMD Athlon II X2 270	1988	1323	19.89	\$99.99*
AMD Athlon II X2 270u	1350	1616	19.96	\$67.67*
AMD Athlon II X2 280	2177	1252	21.78	\$99.99*
AMD Athlon II X2 4300e	1464	1562	NA	NA
AMD Athlon II X2 4400e	1618	1497	NA	NA
AMD Athlon II X2 4450e	1504	1546	NA	NA
AMD Athlon II X2 B22	1696	1456	80.78	\$21.00*
AMD Athlon II X2 B24	1811	1396	45.34	\$39.95*
AMD Athlon II X2 B26	1804	1400	58.20	\$31.00*
AMD Athlon II X2 B28	2118	1270	49.26	\$43.00*
AMD Athlon II X3 400e	2018	1313	18.79	\$107.43*
AMD Athlon II X3 405e	2041	1300	25.52	\$79.99*
AMD Athlon II X3 415e	2246	1221	29.95	\$75.00*
AMD Athlon II X3 420e	2286	1205	19.68	\$116.15*
AMD Athlon II X3 425	2323	1189	55.37	\$41.96*
AMD Athlon II X3 425e	2239	1227	NA	NA
AMD Athlon II X3 435	2476	1139	15.48	\$159.95*
AMD Athlon II X3 440	2569	1113	54.72	\$46.95
AMD Athlon II X3 445	2586	1107	28.42	\$91.00*
AMD Athlon II X3 450	2626	1090	30.57	\$85.90
AMD Athlon II X3 455	2785	1044	28.58	\$97.48*
AMD Athlon II X3 460	2885	1019	57.72	\$49.99
AMD Athlon II X4 553	3814	767	NA	NA
AMD Athlon II X4 555	3819	762	NA	NA
AMD Athlon II X4 559	4158	701	NA	NA
AMD Athlon II X4 600e	2342	1181	17.99	\$130.23*
AMD Athlon II X4 605e	2739	1063	26.91	\$101.80*
AMD Athlon II X4 610e	2811	1038	40.17	\$69.99*
AMD Athlon II X4 615e	2885	1020	48.90	\$59.00*
AMD Athlon II X4 620	2951	995	20.18	\$146.28*
AMD Athlon II X4 620e	2906	1009	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 630	3151	944	57.31	\$55.00*
AMD Athlon II X4 631 Quad-Core	3153	943	157.74	\$19.99*
AMD Athlon II X4 635	3270	900	27.25	\$119.99*
AMD Athlon II X4 638 Quad-Core	3198	926	NA	NA
AMD Athlon II X4 640	3331	886	37.12	\$89.75
AMD Athlon II X4 641 Quad-Core	3399	869	10.99	\$309.18*
AMD Athlon II X4 645	3496	839	27.98	\$124.95
AMD Athlon II X4 650	3458	854	20.76	\$166.60*
AMD Athlon II X4 651 Quad-Core	3587	820	20.15	\$178.04*
AMD Athlon II X4 655	2880	1023	NA	NA
AMD Athlon II X4 6400e	2594	1103	NA	NA
AMD Athlon L110	306	2303	NA	NA
AMD Athlon LE-1600	561	2051	26.72	\$21.00*
AMD Athlon LE-1620	571	2048	31.75	\$18.00*
AMD Athlon LE-1640	622	2018	NA	NA
AMD Athlon LE-1660	682	1992	NA	NA
AMD Athlon MP	230	2409	4.20	\$54.95*
AMD Athlon MP 1700+	339	2267	NA	NA
AMD Athlon MP 2400+	436	2155	NA	NA
AMD Athlon MP 2800+	497	2093	NA	NA
AMD Athlon Neo MV-40	404	2185	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	1820	NA	NA
AMD Athlon Neo X2 Dual Core L325	770	1947	NA	NA
AMD Athlon Neo X2 Dual Core L335	816	1932	NA	NA
AMD Athlon QI-46	473	2118	NA	NA
AMD Athlon TF-20	417	2170	NA	NA
AMD Athlon TF-36	329	2275	NA	NA
AMD Athlon X2 215	1575	1521	NA	NA
AMD Athlon X2 235e	1806	1399	NA	NA
AMD Athlon X2 240	1575	1520	NA	NA
AMD Athlon X2 240e	1670	1475	NA	NA
AMD Athlon X2 250	1663	1479	NA	NA
AMD Athlon X2 255	1627	1493	NA	NA
AMD Athlon X2 280	2303	1195	13.17	\$174.81*
AMD Athlon X2 340 Dual Core	1889	1361	63.02	\$29.99*
AMD Athlon X2 370K Dual Core	2229	1233	NA	NA
AMD Athlon X2 440	1424	1580	NA	NA
AMD Athlon X2 Dual Core 3250e	774	1944	NA	NA
AMD Athlon X2 Dual Core 6850e	998	1821	NA	NA
AMD Athlon X2 Dual Core BE-2300	963	1848	NA	NA
AMD Athlon X2 Dual Core BE-2350	1098	1758	NA	NA
AMD Athlon X2 Dual Core BE-2400	1236	1686	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1678	NA	NA
AMD Athlon X2 Dual Core L310	646	2007	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	1811	NA	NA
AMD Athlon X3 425	2191	1245	NA	NA
AMD Athlon X3 435	2574	1111	26.96	\$95.49*
AMD Athlon X3 440	2256	1218	25.65	\$87.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X3 445	2314	1190	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X3 450	3064	961	38.80	\$78.99*
AMD Athlon X3 455	2401	1160	NA	NA
AMD Athlon X4 605e	2505	1132	NA	NA
AMD Athlon X4 620	2918	1005	48.68	\$59.95*
AMD Athlon X4 635	2891	1018	23.71	\$121.99*
AMD Athlon X4 640	3172	932	NA	NA
AMD Athlon X4 645	3595	819	NA	NA
AMD Athlon X4 740 Quad Core	3978	729	14.36	\$277.00*
AMD Athlon X4 750 Quad Core	4492	640	NA	NA
AMD Athlon X4 750K Quad Core	4230	686	54.95	\$76.99*
AMD Athlon X4 760K Quad Core	4570	624	40.36	\$113.24*
AMD Athlon X4 840	5003	553	55.19	\$90.66*
AMD Athlon X4 845	5434	495	64.71	\$83.98
AMD Athlon X4 860K	5484	485	99.74	\$54.99
AMD Athlon X4 870K	5231	521	74.38	\$70.33
AMD Athlon X4 880K	5583	475	69.80	\$79.99
AMD Athlon XP1600+	281	2348	NA	NA
AMD Athlon XP1700+	234	2405	NA	NA
AMD Athlon XP1900+	353	2254	NA	NA
AMD Athlon XP2100+	287	2339	NA	NA
AMD Athlon XP2200+	401	2195	NA	NA
AMD Athlon XP2400+	391	2211	NA	NA
AMD Athlon XP 1500	282	2347	NA	NA
AMD Athlon XP 1500+	257	2379	NA	NA
AMD Athlon XP 1600+	266	2368	NA	NA
AMD Athlon XP 1700	344	2264	NA	NA
AMD Athlon XP 1700+	273	2363	NA	NA
AMD Athlon XP 1800+	300	2316	5.09	\$58.95*
AMD Athlon XP 1900+	304	2306	NA	NA
AMD Athlon XP 2000+	300	2317	12.01	\$24.99*
AMD Athlon XP 2100+	323	2279	NA	NA
AMD Athlon XP 2200+	326	2277	3.84	\$84.95*
AMD Athlon XP 2300+	464	2123	NA	NA
AMD Athlon XP 2400+	362	2245	4.03	\$89.99*
AMD Athlon XP 2500+	355	2250	NA	NA
AMD Athlon XP 2600+	372	2230	16.18	\$23.03*
AMD Athlon XP 2700+	393	2208	4.64	\$84.79*
AMD Athlon XP 2800+	398	2201	NA	NA
AMD Athlon XP 2900+	459	2130	NA	NA
AMD Athlon XP 3000+	401	2196	5.15	\$78.00
AMD Athlon XP 3100+	433	2159	NA	NA
AMD Athlon XP 3200+	431	2161	NA	NA
AMD Athlon XP 3400+	570	2050	NA	NA
AMD Athlon XP Pro3+	367	2236	NA	NA
AMD Athlon XP-M	541	2060	3.86	\$139.99*
AMD C-30	310	2296	NA	NA
AMD C-50	463	2124	NA	NA
AMD C-60	448	2142	NA	NA
AMD C-60 APU	543	2058	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD C-70 APU	576	2043	NA	NA
AMD E1 Micro-6200T APU	960	1855	NA	NA
AMD E1-1200 APU	667	1998	NA	NA
AMD E1-1500 APU	696	1985	NA	NA
AMD E1-2100 APU	624	2017	NA	NA
AMD E1-2200 APU	767	1949	NA	NA
AMD E1-2500 APU	878	1895	NA	NA
AMD E1-6010 APU	843	1913	NA	NA
AMD E1-6015 APU	874	1900	NA	NA
AMD E1-7010 APU	974	1834	NA	NA
AMD E2-1800 APU	823	1928	NA	NA
AMD E2-2000 APU	829	1926	NA	NA
AMD E2-3000 APU	1080	1777	NA	NA
AMD E2-3000M APU	1095	1760	54.78	\$20.00*
AMD E2-3200 APU	1454	1571	NA	NA
AMD E2-3800 APU	1619	1496	NA	NA
AMD E2-6110 APU	1892	1359	NA	NA
AMD E2-7110 APU	2259	1217	NA	NA
AMD E2-9010	1921	1347	NA	NA
AMD E-240	315	2288	NA	NA
AMD E-300 APU	616	2022	NA	NA
AMD E-350	748	1958	NA	NA
AMD E-350 APU	774	1945	NA	NA
AMD E-350D APU	717	1971	NA	NA
AMD E-450 APU	769	1948	NA	NA
AMD Embedded R-Series RX-421BD	4756	590	NA	NA
AMD FirePro A320 APU	4713	595	NA	NA
AMD FX-670K Quad-Core	4558	626	NA	NA
AMD FX-770K Quad-Core	4872	573	NA	NA
AMD FX-870K Quad Core	5284	515	NA	NA
AMD FX-4100 Quad-Core	4045	716	31.12	\$129.99
AMD FX-4130 Quad-Core	4151	702	53.92	\$76.99
AMD FX-4150 Quad-Core	4576	621	NA	NA
AMD FX-4170 Quad-Core	4828	581	33.62	\$143.61*
AMD FX-4200 Quad-Core	4264	678	18.69	\$228.21*
AMD FX-4300 Quad-Core	4641	609	72.58	\$63.95
AMD FX-4320	5001	555	NA	NA
AMD FX-4330	5297	513	NA	NA
AMD FX-4350 Quad-Core	5286	514	75.53	\$69.99
AMD FX-6100 Six-Core	5402	501	28.44	\$189.99

CPU Name	Passmark CPU Mark (higher is better) ↕	Rank (lower is better) ^	CPU Value (higher is better) ^	Price (USD) ↕
AMD FX-6120 Six-Core	5738	459	NA	NA
AMD FX-6130 Six-Core	6215	409	NA	NA
AMD FX-6200 Six-Core	6108	417	43.23	\$141.30
AMD FX-6300 Six-Core	6351	402	73.86	\$85.99
AMD FX-6330 Six-Core	6437	391	NA	NA
AMD FX-6350 Six-Core	6962	348	73.30	\$94.99
AMD FX-7500 APU	3209	921	NA	NA
AMD FX-7600P	4059	713	NA	NA
AMD FX-7600P APU	4627	614	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8100 Eight-Core	6080	422	42.82	\$142.00*
AMD FX-8120 Eight-Core	6581	380	36.57	\$179.99
AMD FX-8140 Eight-Core	5854	445	NA	NA
AMD FX-8150 Eight-Core	7621	298	19.87	\$383.50*
AMD FX-8300 Eight-Core	7642	297	84.93	\$89.99
AMD FX-8310 Eight-Core	7747	291	NA	NA
AMD FX-8320 Eight-Core	8014	271	71.73	\$111.72
AMD FX-8320E Eight-Core	7498	309	65.21	\$114.99
AMD FX-8350 Eight-Core	8940	220	68.78	\$129.98
AMD FX-8370 Eight-Core	8981	217	59.88	\$149.99
AMD FX-8370E Eight-Core	7780	286	46.54	\$167.19
AMD FX-8800P	4189	695	NA	NA
AMD FX-9370 Eight-Core	9506	177	56.29	\$168.88
AMD FX-9590 Eight-Core	10311	126	64.45	\$159.99
AMD FX-9800P	4006	723	NA	NA
AMD FX-9830P	5076	541	NA	NA
AMD FX-B4150 Quad-Core	4611	615	NA	NA
AMD G-T40E	485	2105	NA	NA
AMD G-T40N	516	2078	NA	NA
AMD G-T44R	227	2411	NA	NA
AMD G-T48E	716	1972	NA	NA
AMD G-T52R	303	2311	NA	NA
AMD G-T56E	751	1956	NA	NA
AMD G-T56N	793	1939	NA	NA
AMD Geode NX	264	2371	NA	NA
AMD Geode NX 1750	291	2326	NA	NA
AMD GX-210JA SOC	401	2197	NA	NA
AMD GX-212JC SOC	744	1959	NA	NA
AMD GX-217GA SOC	1080	1778	NA	NA
AMD GX-218GL SOC	1115	1748	NA	NA
AMD GX-222GC SOC	1243	1682	NA	NA
AMD GX-412HC	1462	1566	NA	NA
AMD GX-415GA SOC	1945	1336	NA	NA
AMD GX-420CA SOC	2299	1197	NA	NA
AMD GX-424CC SOC	2375	1173	NA	NA
AMD K7	403	2188	NA	NA
AMD Opteron 140	396	2203	0.67	\$595.50*
AMD Opteron 142	428	2166	NA	NA
AMD Opteron 144	511	2083	7.87	\$65.00*
AMD Opteron 146	532	2068	8.87	\$59.99*
AMD Opteron 148	603	2029	NA	NA
AMD Opteron 150	604	2027	NA	NA
AMD Opteron 152	658	2000	NA	NA
AMD Opteron 154	703	1983	NA	NA
AMD Opteron 165	899	1890	16.65	\$53.99*
AMD Opteron 170	1097	1759	NA	NA
AMD Opteron 175	1168	1721	NA	NA
AMD Opteron 180	1232	1689	9.49	\$129.95*
AMD Opteron 185	1359	1612	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 246	632	2014	5.80	\$108.95*
AMD Opteron 248	476	2116	39.73	\$12.00
AMD Opteron 250	649	2004	54.10	\$12.00*
AMD Opteron 252	760	1952	12.00	\$63.36
AMD Opteron 254	693	1986	NA	NA
AMD Opteron 256	963	1847	NA	NA
AMD Opteron 265	963	1849	6.02	\$159.95*
AMD Opteron 270	1083	1771	1.78	\$607.47*
AMD Opteron 275	1291	1651	11.85	\$108.95
AMD Opteron 280	1272	1668	1.60	\$796.67*
AMD Opteron 285	1470	1558	NA	NA
AMD Opteron 290	1464	1561	10.85	\$135.00*
AMD Opteron 1210	923	1875	NA	NA
AMD Opteron 1210 HE	971	1837	NA	NA
AMD Opteron 1212	1015	1808	3.50	\$290.00*
AMD Opteron 1212 HE	1308	1637	NA	NA
AMD Opteron 1214	1276	1663	4.40	\$290.00*
AMD Opteron 1214 HE	1299	1646	NA	NA
AMD Opteron 1216	1352	1615	24.66	\$54.85*
AMD Opteron 1216 HE	1172	1719	NA	NA
AMD Opteron 1218	1468	1560	NA	NA
AMD Opteron 1218 HE	1444	1576	NA	NA
AMD Opteron 1220	1653	1482	NA	NA
AMD Opteron 1222	1757	1423	NA	NA
AMD Opteron 1352	2368	1175	17.42	\$135.99*
AMD Opteron 1354	2594	1104	8.37	\$309.97*
AMD Opteron 1356	2765	1052	30.73	\$89.99*
AMD Opteron 1381	3065	960	NA	NA
AMD Opteron 2212	1270	1670	105.89	\$12.00
AMD Opteron 2214	1358	1613	2.39	\$569.00*
AMD Opteron 2214 HE	1415	1587	NA	NA
AMD Opteron 2216	1518	1544	8.53	\$178.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2218	1594	1512	25.16	\$63.36
AMD Opteron 2220	1701	1452	36.06	\$47.19
AMD Opteron 2220 SE	1398	1592	73.58	\$19.00
AMD Opteron 2224 SE	1919	1349	NA	NA
AMD Opteron 2350	2820	1036	10.45	\$269.99*
AMD Opteron 2356	2814	1037	40.30	\$69.83*
AMD Opteron 2374 HE	2951	997	15.53	\$189.99*
AMD Opteron 2376	2283	1206	152.20	\$15.00
AMD Opteron 2378	3179	929	17.76	\$179.00*
AMD Opteron 2380	2640	1085	105.64	\$25.00
AMD Opteron 2384	3538	831	4.21	\$840.00*
AMD Opteron 2386 SE	3538	832	NA	NA
AMD Opteron 2393 SE	2246	1222	NA	NA
AMD Opteron 2427	3069	957	32.26	\$95.14*
AMD Opteron 2431	4516	635	122.07	\$37.00
AMD Opteron 2435	4708	596	39.11	\$120.40*
AMD Opteron 3260 HE	3259	906	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 3280	5271	516	19.30	\$273.18*
AMD Opteron 3320 EE	2532	1118	NA	NA
AMD Opteron 3350 HE	4009	722	NA	NA
AMD Opteron 3365	5803	450	NA	NA
AMD Opteron 3380	6384	400	7.89	\$809.00*
AMD Opteron 4122	2942	1000	23.55	\$124.99
AMD Opteron 4162 EE	3166	933	NA	NA
AMD Opteron 4184	4418	649	8.50	\$519.95
AMD Opteron 4280	6430	393	14.09	\$456.44*
AMD Opteron 4284	6660	367	18.64	\$357.30*
AMD Opteron 4332 HE	5401	503	NA	NA
AMD Opteron 4365 EE	4971	558	NA	NA
AMD Opteron 6128	4742	591	22.29	\$212.79
AMD Opteron 6134	2938	1002	5.03	\$584.44*
AMD Opteron 6136	4631	611	12.90	\$359.00
AMD Opteron 6164 HE	5351	509	NA	NA
AMD Opteron 6174	6412	394	87.01	\$73.70
AMD Opteron 6212	5776	454	27.57	\$209.50
AMD Opteron 6234	5979	433	14.95	\$399.99*
AMD Opteron 6238	7316	319	6.72	\$1,088.11*
AMD Opteron 6272	6748	361	20.77	\$325.00
AMD Opteron 6274	4865	575	5.35	\$908.95
AMD Opteron 6276	9011	215	24.76	\$364.01
AMD Opteron 6282 SE	9116	205	8.36	\$1,089.99*
AMD Opteron 6287 SE	9595	173	NA	NA
AMD Opteron 6328	7813	283	13.95	\$560.00
AMD Opteron 6366 HE	7503	308	NA	NA
AMD Opteron 6376	9414	186	12.70	\$741.38
AMD Opteron 6378	2152	1259	2.28	\$946.02
AMD Opteron 6380	10082	138	8.73	\$1,155.00
AMD Opteron 8354	2255	1219	187.96	\$12.00
AMD Opteron 8439 SE	3813	768	NA	NA
AMD Phenom 2 X4 12000	3005	978	NA	NA
AMD Phenom 7950 Quad-Core	2991	985	NA	NA
AMD Phenom 8250 Triple-Core	1599	1508	NA	NA
AMD Phenom 8250e Triple-Core	1602	1506	34.10	\$46.99*
AMD Phenom 8400 Triple-Core	1652	1483	NA	NA
AMD Phenom 8450 Triple-Core	1886	1364	62.98	\$29.95*
AMD Phenom 8450e Triple-Core	2035	1303	NA	NA
AMD Phenom 8600 Triple-Core	1697	1454	32.04	\$52.99*
AMD Phenom 8600B Triple-Core	1939	1341	36.61	\$52.99*
AMD Phenom 8650 Triple-Core	2003	1317	40.08	\$49.99*
AMD Phenom 8750 Triple-Core	2071	1290	NA	NA
AMD Phenom 8750B Triple-Core	2077	1286	NA	NA
AMD Phenom 8850 Triple-Core	2109	1276	NA	NA
AMD Phenom 8850B Triple-Core	2080	1285	NA	NA
AMD Phenom 9100e Quad-Core	1867	1378	10.39	\$179.81*
AMD Phenom 9150e Quad-Core	2126	1268	53.22	\$39.95*
AMD Phenom 9350e Quad-Core	2329	1187	11.95	\$194.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9450e Quad-Core	2621	1092	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2215	1238	24.62	\$89.96*
AMD Phenom 9550 Quad-Core	2557	1114	64.01	\$39.95*
AMD Phenom 9600 Quad-Core	2309	1193	16.50	\$140.00*
AMD Phenom 9600B Quad-Core	2576	1110	17.51	\$147.19*
AMD Phenom 9650 Quad-Core	2634	1087	47.94	\$54.95*
AMD Phenom 9750 Quad-Core	2827	1033	47.16	\$59.95
AMD Phenom 9750B Quad-Core	2709	1070	NA	NA
AMD Phenom 9850 Quad-Core	2892	1017	57.85	\$50.00*
AMD Phenom 9850B Quad-Core	3160	936	NA	NA
AMD Phenom 9950 Quad-Core	3034	969	16.86	\$179.98*
AMD Phenom FX-5000 Quad-Core	2518	1127	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	998	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	810	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	845	NA	NA
AMD Phenom II N620 Dual-Core	1675	1474	42.03	\$39.86*
AMD Phenom II N640 Dual-Core	1733	1434	26.69	\$64.95
AMD Phenom II N660 Dual-Core	1853	1383	18.72	\$99.00*
AMD Phenom II N830 3+1	2652	1083	NA	NA
AMD Phenom II N830 Triple-Core	1885	1366	NA	NA
AMD Phenom II N850 Triple-Core	1956	1331	78.25	\$25.00*
AMD Phenom II N870 Triple-Core	1945	1337	NA	NA
AMD Phenom II N930 Quad-Core	2273	1210	22.77	\$99.86*
AMD Phenom II N950 Quad-Core	2500	1133	22.21	\$112.60*



CPU Name	Passmark CPU Mark (higher is better) ↕	Rank (lower is better) ^	CPU Value (higher is better) ^	Price (USD) ↕
AMD Phenom II N970 Quad-Core	2523	1125	16.83	\$149.99*
AMD Phenom II P650 Dual-Core	1603	1505	45.81	\$35.00*
AMD Phenom II P820 Triple-Core	1596	1511	NA	NA
AMD Phenom II P840 Triple-Core	1731	1435	NA	NA
AMD Phenom II P860 Triple-Core	1768	1417	NA	NA
AMD Phenom II P920 Quad-Core	1880	1370	25.07	\$75.00*
AMD Phenom II P940 Quad-Core	1777	1413	NA	NA
AMD Phenom II P960 Quad-Core	2100	1281	75.02	\$28.00*
AMD Phenom II X2 511	2104	1279	NA	NA
AMD Phenom II X2 521	2090	1282	NA	NA
AMD Phenom II X2 545	1890	1360	37.85	\$49.95*
AMD Phenom II X2 550	2031	1306	15.23	\$133.39*
AMD Phenom II X2 555	2045	1296	6.82	\$299.95*
AMD Phenom II X2 560	2056	1292	17.14	\$119.95*
AMD Phenom II X2 565	2189	1247	17.52	\$124.95*
AMD Phenom II X2 570	1960	1330	NA	NA
AMD Phenom II X2 B53	1646	1485	NA	NA
AMD Phenom II X2 B55	1913	1351	39.86	\$48.00*
AMD Phenom II X2 B57	1884	1367	NA	NA
AMD Phenom II X2 B59	2171	1254	36.22	\$59.95*
AMD Phenom II X3 700e	2249	1220	NA	NA
AMD Phenom II X3 705e	2244	1224	14.74	\$152.34*
AMD Phenom II X3 710	2452	1145	29.01	\$84.53*
AMD Phenom II X3 715	2649	1084	31.17	\$84.99*
AMD Phenom II X3 720	2699	1071	36.00	\$74.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 740	3002	981	33.75	\$88.99*
AMD Phenom II X3 B73	2749	1059	36.66	\$75.00*
AMD Phenom II X3 B75	3156	940	NA	NA
AMD Phenom II X3 B77	3288	893	NA	NA
AMD Phenom II X4 805	3003	980	17.26	\$173.99*
AMD Phenom II X4 810	3140	945	27.08	\$115.99*
AMD Phenom II X4 820	3438	859	38.21	\$89.99*
AMD Phenom II X4 830	3469	850	43.39	\$79.95*
AMD Phenom II X4 840	3520	835	39.14	\$89.95
AMD Phenom II X4 840T	3619	809	45.27	\$79.95*
AMD Phenom II X4 850	3533	833	31.70	\$111.49*
AMD Phenom II X4 900e	2853	1026	NA	NA
AMD Phenom II X4 905e	3080	955	14.50	\$212.38*
AMD Phenom II X4 910	3279	897	32.80	\$100.00*
AMD Phenom II X4 910e	3360	879	21.41	\$156.99*
AMD Phenom II X4 920	3419	865	34.19	\$99.99*
AMD Phenom II X4 925	3437	860	21.49	\$159.99*
AMD Phenom II X4 940	3620	808	30.17	\$119.99
AMD Phenom II X4 945	3695	797	12.84	\$287.89*
AMD Phenom II X4 955	3973	731	30.53	\$130.16*
AMD Phenom II X4 960T	3816	766	28.27	\$134.99
AMD Phenom II X4 965	4223	687	29.13	\$145.00*
AMD Phenom II X4 970	4385	655	23.53	\$186.37*
AMD Phenom II X4 973	3759	778	NA	NA
AMD Phenom II X4 975	4534	631	34.88	\$129.99*
AMD Phenom II X4 977	3750	783	NA	NA
AMD Phenom II X4 980	4528	633	33.15	\$136.64*
AMD Phenom II X4 8700e	2377	1171	NA	NA
AMD Phenom II X4 B05e	2781	1046	NA	NA
AMD Phenom II X4 B15e	2736	1064	NA	NA
AMD Phenom II X4 B25	3477	849	NA	NA
AMD Phenom II X4 B35	3443	857	NA	NA
AMD Phenom II X4 B40	3427	863	NA	NA
AMD Phenom II X4 B45	3488	846	NA	NA
AMD Phenom II X4 B50	3722	789	NA	NA
AMD Phenom II X4 B55	3881	751	NA	NA
AMD Phenom II X4 B60	4081	709	NA	NA
AMD Phenom II X4 B65	4177	698	NA	NA
AMD Phenom II X4 B70	4426	647	NA	NA
AMD Phenom II X4 B93	3377	875	NA	NA
AMD Phenom II X4 B95	3768	777	47.14	\$79.95
AMD Phenom II X4 B97	3941	740	NA	NA
AMD Phenom II X4 B99	4206	690	NA	NA
AMD Phenom II X6 1035T	4718	593	24.96	\$189.00*
AMD Phenom II X6 1045T	4858	576	27.76	\$175.00*
AMD Phenom II X6 1055T	5011	551	27.09	\$185.00*
AMD Phenom II X6 1065T	5151	534	NA	NA
AMD Phenom II X6 1075T	5396	504	20.76	\$259.99*
AMD Phenom II X6 1090T	5632	470	14.22	\$396.08*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1100T	5787	451	24.73	\$233.99*
AMD Phenom II X620 Dual-Core	2189	1246	NA	NA
AMD Phenom II X640 Dual-Core	2021	1311	NA	NA
AMD Phenom II X920 Quad-Core	2638	1086	NA	NA
AMD Phenom II X940 Quad-Core	2695	1074	NA	NA
AMD Phenom Ultra X4 24500	3945	738	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1455	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1240	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1426	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1714	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1577	NA	NA
AMD Phenom X3 8550	1930	1344	11.36	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1422	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1321	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1230	NA	NA
AMD Phenom X4 Quad-Core GP-9730	3033	971	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-9830	2715	1068	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1078	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1703	NA	NA
AMD PRO A4-3350B APU	2691	1077	NA	NA
AMD PRO A4-8350B	2881	1022	NA	NA
AMD PRO A6-8500B	2511	1130	NA	NA
AMD PRO A6-8530B	2452	1144	NA	NA
AMD PRO A6-8550B	3042	968	NA	NA
AMD PRO A6-8570	3264	903	NA	NA
AMD PRO A6-8570E	2906	1010	NA	NA
AMD PRO A6-9500	3262	904	44.09	\$74.00*
AMD PRO A6-9500B	2382	1169	NA	NA
AMD PRO A6-9500E	2752	1058	37.20	\$74.00*
AMD PRO A8-8600B	3916	746	NA	NA
AMD PRO A8-8650B	5476	489	NA	NA
AMD PRO A8-9600	5336	511	44.84	\$119.00*
AMD PRO A8-9600B	3970	733	NA	NA
AMD PRO A10-8700B	3750	782	NA	NA
AMD PRO A10-8730B	4075	712	NA	NA
AMD PRO A10-8750B	5653	469	NA	NA
AMD PRO A10-8770	5742	457	NA	NA
AMD PRO A10-8770E	4704	597	NA	NA
AMD PRO A10-8850B	5839	446	NA	NA
AMD PRO A10-9700	5742	456	33.98	\$169.00*
AMD PRO A10-9700E	5031	548	36.20	\$139.00*
AMD PRO A12-8800B	4252	679	NA	NA
AMD PRO A12-8870	6259	404	NA	NA
AMD PRO A12-8870E	4631	610	NA	NA
AMD PRO A12-9800	6205	410	36.72	\$169.00*
AMD PRO A12-9800B	4284	675	NA	NA
AMD PRO A12-9800E	4834	580	28.60	\$169.00*
AMD QC-4000	1605	1500	NA	NA
AMD R-260H APU	1576	1519	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD R-460L APU	1954	1332	NA	NA
AMD R-464L APU	2976	987	NA	NA
AMD RX-427BB	4468	642	NA	NA
AMD Ryzen 5 1400	9021	214	NA	NA
AMD Ryzen 5 1600	12402	92	54.12	\$229.17
AMD Ryzen 7 1700	13700	71	41.52	\$329.99
AMD Ryzen 7 1700X	14689	55	37.76	\$388.99
AMD Ryzen 7 1800X	15396	50	30.79	\$499.99
AMD Sempron 130	670	1996	26.81	\$24.99*
AMD Sempron 140	734	1961	18.56	\$39.59
AMD Sempron 145	804	1935	8.48	\$94.92
AMD Sempron 150	654	2003	9.00	\$72.64*
AMD Sempron 200U	267	2367	3.08	\$87.00*
AMD Sempron 210U	382	2216	NA	NA
AMD Sempron 2100+	392	2209	NA	NA
AMD Sempron 2200+	281	2351	9.38	\$29.99*
AMD Sempron 2300+	318	2284	7.07	\$45.00*
AMD Sempron 2400+	313	2293	11.62	\$27.00*
AMD Sempron 2500+	345	2263	4.32	\$79.95*
AMD Sempron 2600+	373	2228	4.15	\$89.95
AMD Sempron 2650 APU	903	1889	30.66	\$29.46
AMD Sempron 2800+	384	2215	3.69	\$104.07*
AMD Sempron 3000+	408	2181	20.43	\$20.00
AMD Sempron 3100+	452	2137	7.53	\$60.00*
AMD Sempron 3200+	394	2207	1.46	\$269.75*
AMD Sempron 3300+	484	2109	16.14	\$30.00
AMD Sempron 3400+	449	2141	15.03	\$29.91
AMD Sempron 3500+	402	2193	2.41	\$166.80*
AMD Sempron 3600+	489	2099	40.78	\$12.00
AMD Sempron 3800+	554	2053	26.39	\$21.00
AMD Sempron 3850 APU	1690	1459	41.35	\$40.89
AMD Sempron Dual Core 2100	869	1904	22.29	\$39.00*
AMD Sempron Dual Core 2200	995	1825	NA	NA
AMD Sempron Dual Core 2300	982	1829	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	1861	NA	NA
AMD Sempron Dual Core 4900	1081	1775	NA	NA
AMD Sempron LE-250	490	2098	NA	NA
AMD Sempron LE-1100	428	2164	NA	NA
AMD Sempron LE-1150	437	2154	NA	NA
AMD Sempron LE-1200	524	2071	NA	NA
AMD Sempron LE-1250	540	2061	18.64	\$28.99*
AMD Sempron LE-1300	620	2020	51.75	\$12.00
AMD Sempron LE-1600	535	2065	NA	NA
AMD Sempron LE-1620	635	2012	NA	NA
AMD Sempron LE-1640	759	1953	NA	NA
AMD Sempron M100	554	2052	46.22	\$12.00
AMD Sempron M120	578	2041	NA	NA
AMD Sempron SI-40	449	2139	37.48	\$12.00
AMD Sempron SI-42	449	2140	37.46	\$12.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron X2 180	1222	1698	17.62	\$69.40*
AMD Sempron X2 190	1529	1536	18.33	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1588	NA	NA
AMD Turion 64 Mobile MK-36	462	2125	NA	NA
AMD Turion 64 Mobile MK-38	505	2087	NA	NA
AMD Turion 64 Mobile ML-28	390	2212	NA	NA
AMD Turion 64 Mobile ML-30	403	2190	NA	NA
AMD Turion 64 Mobile ML-32	410	2179	NA	NA

CPU Name	Passmark CPU Mark (higher is better) ↕	Rank (lower is better) ↑	CPU Value (higher is better) ↑	Price (USD) ↕
AMD Turion 64 Mobile ML-34	425	2168	NA	NA
AMD Turion 64 Mobile ML-37	447	2144	2.28	\$196.50*
AMD Turion 64 Mobile ML-40	520	2075	NA	NA
AMD Turion 64 Mobile ML-42	615	2023	NA	NA
AMD Turion 64 Mobile ML-44	591	2033	NA	NA
AMD Turion 64 Mobile MT-28	419	2169	NA	NA
AMD Turion 64 Mobile MT-30	378	2220	NA	NA
AMD Turion 64 Mobile MT-32	426	2167	NA	NA
AMD Turion 64 Mobile MT-34	429	2163	NA	NA
AMD Turion 64 Mobile MT-37	484	2108	NA	NA
AMD Turion 64 Mobile MT-40	536	2064	NA	NA
AMD Turion 64 X2 Mobile TL-50	752	1955	41.89	\$17.95*
AMD Turion 64 X2 Mobile TL-52	756	1954	NA	NA
AMD Turion 64 X2 Mobile TL-56	876	1899	43.81	\$20.00*
AMD Turion 64 X2 Mobile TL-58	950	1860	NA	NA
AMD Turion 64 X2 Mobile TL-60	987	1828	54.70	\$18.05*
AMD Turion 64 X2 Mobile TL-62	1093	1763	3.52	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1120	1745	28.45	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1122	1744	2.97	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1149	1732	12.77	\$90.00*
AMD Turion Dual-Core RM-70	895	1892	59.70	\$15.00*
AMD Turion Dual-Core RM-72	839	1921	22.09	\$38.00*
AMD Turion Dual-Core RM-74	1016	1807	NA	NA
AMD Turion Dual-Core RM-75	925	1874	33.13	\$27.95*
AMD Turion II Dual-Core Mobile M500	1306	1638	NA	NA
AMD Turion II Dual-Core Mobile M520	1301	1644	18.84	\$69.10*
AMD Turion II Dual-Core Mobile M540	1295	1649	NA	NA
AMD Turion II N530 Dual-Core	1582	1515	52.75	\$30.00*
AMD Turion II N550 Dual-Core	1521	1542	NA	NA
AMD Turion II Neo K625 Dual-Core	973	1836	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	1713	NA	NA
AMD Turion II Neo N40L Dual-Core	914	1882	NA	NA
AMD Turion II Neo N54L Dual-Core	1397	1593	NA	NA
AMD Turion II P520 Dual-Core	1359	1611	NA	NA
AMD Turion II P540 Dual-Core	1452	1573	36.35	\$39.95*
AMD Turion II P560 Dual-Core	1502	1548	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1392	1594	60.54	\$23.00*
AMD Turion II Ultra Dual-Core Mobile M620	1416	1586	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1477	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1539	1534	NA	NA
AMD Turion Neo X2 Dual Core L625	821	1931	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Dual Core L510	871	1902	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	939	1867	7.08	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1047	1787	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	996	1824	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1087	1767	4.85	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1060	1783	42.49	\$24.95*
AMD Turion X2 Dual-Core Mobile RM-75	1149	1733	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1230	1692	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1004	1817	66.98	\$15.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1081	1774	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1205	1705	91.84	\$13.13
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1232	1690	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1279	1661	42.72	\$29.95
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1344	1619	33.66	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	979	1832	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1112	1751	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1570	NA	NA
AMD V105	274	2361	NA	NA
AMD V120	631	2015	NA	NA
AMD V140	640	2010	49.24	\$13.00*
AMD V160	683	1991	NA	NA
AMD Z-01	523	2072	NA	NA
AMD Z-60 APU	485	2106	NA	NA
AMD-K6 3D	90	2487	NA	NA
AMD-K6-III	108	2484	NA	NA
AMD-K7	403	2189	NA	NA
Athlon 64 Dual Core 3800+	1234	1688	NA	NA
Athlon 64 Dual Core 4200+	1156	1729	NA	NA
Athlon 64 Dual Core 4800+	1370	1606	NA	NA
Athlon 64 Dual Core 5000+	1497	1550	NA	NA
Athlon 64 Dual Core 5400+	1614	1498	NA	NA
Athlon 64 Dual Core 5600+	1548	1529	NA	NA
Athlon Dual Core 4050e	968	1842	NA	NA
Athlon Dual Core 4450e	1081	1776	NA	NA
Athlon Dual Core 4850e	1327	1629	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1029	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1089	1766	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1176	1716	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1224	1697	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1291	1650	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1704	NA	NA
HP Hexa-Core 2.0GHz	2178	1251	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	1907	NA	NA
Intel 1400 @ 1.83GHz	980	1830	NA	NA
Intel 1500 @ 2.00GHz	1024	1800	NA	NA
Intel Atom 230 @ 1.60GHz	308	2301	NA	NA
Intel Atom 330 @ 1.60GHz	591	2032	NA	NA
Intel Atom C2338 @ 1.74GHz	898	1891	NA	NA
Intel Atom C2358 @ 1.74GHz	961	1853	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 Atom C2550 @ 2.40GHz	2329	1186	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1255	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3800	771	16.38	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	881	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	935	14.57	\$217.07
Intel Atom D410 @ 1.66GHz	310	2297	0.49	\$635.99*
Intel Atom D425 @ 1.80GHz	343	2265	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	656	2002	6.02	\$109.00
Intel Atom D525 @ 1.80GHz	701	1984	NA	NA
Intel Atom D2500 @ 1.86GHz	401	2194	NA	NA
Intel Atom D2550 @ 1.86GHz	672	1995	NA	NA
Intel Atom D2560 @ 2.00GHz	711	1976	NA	NA
Intel Atom D2700 @ 2.13GHz	840	1919	NA	NA
Intel Atom D2701 @ 2.13GHz	720	1969	NA	NA
Intel Atom E660 @ 1.30GHz	271	2364	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2261	NA	NA
Intel Atom E3815 @ 1.46GHz	362	2244	2.71	\$134.00
Intel Atom E3825 @ 1.33GHz	577	2042	7.22	\$80.00*
Intel Atom E3826 @ 1.46GHz	402	2191	NA	NA
Intel Atom E3827 @ 1.74GHz	849	1911	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	1725	NA	NA
Intel Atom E3845 @ 1.91GHz	1456	1569	NA	NA
Intel Atom E3950 @ 1.60GHz	2034	1304	NA	NA
Intel Atom K510 @ 1.66GHz	658	2001	NA	NA
Intel Atom N270 @ 1.60GHz	270	2365	NA	NA
Intel Atom N280 @ 1.66GHz	289	2331	NA	NA
Intel Atom N435 @ 1.33GHz	236	2404	NA	NA
Intel Atom N450 @ 1.66GHz	297	2319	NA	NA
Intel Atom N455 @ 1.66GHz	288	2336	NA	NA
Intel Atom N470 @ 1.83GHz	307	2302	NA	NA
Intel Atom N475 @ 1.83GHz	314	2290	NA	NA
Intel Atom N550 @ 1.50GHz	513	2080	5.97	\$86.00*
Intel Atom N570 @ 1.66GHz	579	2039	6.74	\$86.00*
Intel Atom N2100 @ 1.60GHz	309	2298	NA	NA
Intel Atom N2600 @ 1.60GHz	527	2069	NA	NA
Intel Atom N2800 @ 1.86GHz	619	2021	NA	NA
Intel Atom S1260 @ 2.00GHz	916	1880	14.32	\$64.00*
Intel Atom x5-E3930 @ 1.30GHz	1032	1797	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1605	1502	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1201	1707	9.04	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1005	1816	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1261	1673	NA	NA
Intel Atom x5-Z8500 @ 1.44GHz	1694	1458	23.21	\$73.00*
Intel Atom x5-Z8550 @ 1.44GHz	1921	1348	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1923	1346	21.86	\$88.00
Intel Atom x7-Z8750 @ 1.60GHz	1733	1433	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2440	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2420	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2422	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z530 @ 1.60GHz	281	2350	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2258	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2217	NA	NA
Intel Atom Z670 @ 1.50GHz	249	2391	NA	NA
Intel Atom Z2760 @ 1.80GHz	571	2049	NA	NA
Intel Atom Z3735D @ 1.33GHz	912	1883	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	1873	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	910	1884	5.02	\$181.30
Intel Atom Z3735G @ 1.33GHz	909	1885	NA	NA
Intel Atom Z3736F @ 1.33GHz	915	1881	NA	NA
Intel Atom Z3740 @ 1.33GHz	1061	1782	NA	NA
Intel Atom Z3740D @ 1.33GHz	1020	1806	NA	NA
Intel Atom Z3745 @ 1.33GHz	1071	1780	NA	NA
Intel Atom Z3745D @ 1.33GHz	1082	1772	NA	NA
Intel Atom Z3770 @ 1.46GHz	1239	1683	8.29	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	1934	NA	NA
Intel Atom Z3775 @ 1.46GHz	1252	1677	35.77	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1662	NA	NA
Intel Atom Z3795 @ 1.60GHz	1764	1419	NA	NA
Intel Celeron 1.70GHz	130	2478	NA	NA
Intel Celeron 1.80GHz	136	2475	NA	NA
Intel Celeron 2.00GHz	184	2451	NA	NA
Intel Celeron 2.10GHz	244	2397	NA	NA
Intel Celeron 2.13GHz	210	2427	NA	NA
Intel Celeron 2.20GHz	213	2424	NA	NA
Intel Celeron 2.26GHz	223	2414	NA	NA
Intel Celeron 2.30GHz	227	2412	NA	NA
Intel Celeron 2.40GHz	218	2421	NA	NA
Intel Celeron 2.50GHz	253	2384	NA	NA
Intel Celeron 2.53GHz	246	2393	NA	NA
Intel Celeron 2.60GHz	241	2400	NA	NA
Intel Celeron 2.66GHz	251	2388	NA	NA
Intel Celeron 2.70GHz	245	2396	NA	NA
Intel Celeron 2.80GHz	255	2382	NA	NA
Intel Celeron 2.93GHz	285	2341	NA	NA
Intel Celeron 3.06GHz	286	2340	NA	NA
Intel Celeron 3.20GHz	289	2332	NA	NA
Intel Celeron 3.33GHz	333	2272	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2281	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2283	NA	NA
Intel Celeron 420 @ 1.60GHz	455	2136	21.63	\$21.04
Intel Celeron 430 @ 1.80GHz	489	2100	9.82	\$49.82
Intel Celeron 440 @ 2.00GHz	537	2063	13.44	\$40.00

CPU Name	Passmark CPU Mark (higher is better) ↕	Rank (lower is better) ⬆	CPU Value (higher is better) ⬆	Price (USD) ↕
Intel Celeron 450 @ 2.20GHz	621	2019	NA	NA
Intel Celeron 530 @ 1.73GHz	477	2115	20.78	\$23.00*
Intel Celeron 540 @ 1.86GHz	510	2084	NA	NA
Intel Celeron 550 @ 2.00GHz	504	2089	38.78	\$13.00*
Intel Celeron 560 @ 2.13GHz	532	2067	6.66	\$79.95*
Intel Celeron 570 @ 2.26GHz	526	2070	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 600MHz	147	2473	NA	NA
Intel Celeron 723 @ 1.20GHz	404	2186	NA	NA
Intel Celeron 743 @ 1.30GHz	414	2175	NA	NA
Intel Celeron 807 @ 1.50GHz	751	1957	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2233	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2024	NA	NA
Intel Celeron 847 @ 1.10GHz	936	1870	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1026	1798	NA	NA
Intel Celeron 857 @ 1.20GHz	1170	1720	NA	NA
Intel Celeron 867 @ 1.30GHz	1199	1708	NA	NA
Intel Celeron 877 @ 1.40GHz	1301	1645	NA	NA
Intel Celeron 887 @ 1.50GHz	1314	1633	NA	NA
Intel Celeron 900 @ 2.20GHz	677	1993	27.33	\$24.80
Intel Celeron 925 @ 2.30GHz	688	1987	NA	NA
Intel Celeron 1000M @ 1.80GHz	1660	1480	NA	NA
Intel Celeron 1000MHz	241	2399	NA	NA
Intel Celeron 1005M @ 1.90GHz	1851	1385	NA	NA
Intel Celeron 1007U @ 1.50GHz	1402	1590	7.58	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1562	1525	NA	NA
Intel Celeron 1019Y @ 1.00GHz	960	1854	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1231	NA	NA
Intel Celeron 1037U @ 1.80GHz	1740	1432	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1712	NA	NA
Intel Celeron 1066MHz	259	2376	NA	NA
Intel Celeron 1100MHz	174	2458	NA	NA
Intel Celeron 1133MHz	282	2344	NA	NA
Intel Celeron 1200MHz	244	2398	NA	NA
Intel Celeron 1300MHz	288	2335	NA	NA
Intel Celeron 1333MHz	290	2327	NA	NA
Intel Celeron 1400MHz	302	2312	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1177	NA	NA
Intel Celeron 2950M @ 2.00GHz	2027	1307	NA	NA
Intel Celeron 2955U @ 1.40GHz	1460	1567	NA	NA
Intel Celeron 2957U @ 1.40GHz	1463	1564	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	1754	NA	NA
Intel Celeron 2970M @ 2.20GHz	2305	1194	NA	NA
Intel Celeron 2980U @ 1.60GHz	1563	1524	NA	NA
Intel Celeron 2981U @ 1.60GHz	1542	1533	NA	NA
Intel Celeron 3205U @ 1.50GHz	1665	1478	6.64	\$250.73*
Intel Celeron 3215U @ 1.70GHz	1776	1414	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1450	NA	NA
Intel Celeron 3765U @ 1.90GHz	2018	1312	NA	NA
Intel Celeron 3855U @ 1.60GHz	1694	1457	NA	NA
Intel Celeron 3955U @ 2.00GHz	2041	1301	NA	NA
Intel Celeron @ 1.30GHz	965	1845	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2446	NA	NA
Intel Celeron B720 @ 1.70GHz	814	1933	NA	NA
Intel Celeron B800 @ 1.50GHz	1284	1657	NA	NA
Intel Celeron B810 @ 1.60GHz	1373	1604	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron B815 @ 1.60GHz	1355	1614	NA	NA
Intel Celeron B820 @ 1.70GHz	1435	1578	NA	NA
Intel Celeron B830 @ 1.80GHz	1523	1540	NA	NA
Intel Celeron B840 @ 1.90GHz	1758	1421	NA	NA
Intel Celeron D 347 @ 3.06GHz	277	2356	NA	NA
Intel Celeron D 352 @ 3.20GHz	305	2305	NA	NA
Intel Celeron D 356 @ 3.33GHz	316	2286	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2271	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2187	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2111	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2037	NA	NA
Intel Celeron E1200 @ 1.60GHz	861	1906	21.54	\$39.99
Intel Celeron E1400 @ 2.00GHz	1042	1789	18.29	\$57.01
Intel Celeron E1500 @ 2.20GHz	1143	1741	18.08	\$63.25
Intel Celeron E1600 @ 2.40GHz	1260	1674	NA	NA
Intel Celeron E3200 @ 2.40GHz	1379	1601	26.54	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1388	1596	19.50	\$71.20
Intel Celeron E3400 @ 2.60GHz	1423	1581	18.61	\$76.47
Intel Celeron E3500 @ 2.70GHz	1422	1582	22.93	\$62.01
Intel Celeron G440 @ 1.60GHz	706	1979	15.71	\$44.99
Intel Celeron G460 @ 1.80GHz	1023	1803	9.75	\$105.00
Intel Celeron G465 @ 1.90GHz	1064	1781	5.94	\$179.38
Intel Celeron G470 @ 2.00GHz	1305	1639	NA	NA
Intel Celeron G530 @ 2.40GHz	2145	1262	42.92	\$49.99*
Intel Celeron G530T @ 2.00GHz	1604	1504	NA	NA
Intel Celeron G540 @ 2.50GHz	2203	1242	11.02	\$200.00*
Intel Celeron G540T @ 2.10GHz	2114	1272	NA	NA
Intel Celeron G550 @ 2.60GHz	2297	1201	17.46	\$131.59*
Intel Celeron G550T @ 2.20GHz	2073	1289	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1154	23.99	\$101.00
Intel Celeron G1101 @ 2.27GHz	1727	1437	20.33	\$85.00*
Intel Celeron G1610 @ 2.60GHz	2505	1131	6.46	\$387.80
Intel Celeron G1610T @ 2.30GHz	2329	1185	26.18	\$89.00*
Intel Celeron G1620 @ 2.70GHz	2591	1106	12.43	\$208.44
Intel Celeron G1620T @ 2.40GHz	2287	1204	54.46	\$42.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1630 @ 2.80GHz	2520	1126	42.02	\$59.99
Intel Celeron G1820 @ 2.70GHz	2778	1049	30.63	\$90.69*
Intel Celeron G1820T @ 2.40GHz	2495	1135	59.42	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2230	1232	NA	NA
Intel Celeron G1830 @ 2.80GHz	2614	1096	40.85	\$64.00
Intel Celeron G1840 @ 2.80GHz	2998	983	60.00	\$49.98
Intel Celeron G1840T @ 2.50GHz	2620	1093	NA	NA
Intel Celeron G1850 @ 2.90GHz	2931	1004	30.54	\$96.00
Intel Celeron G3900 @ 2.80GHz	3469	851	78.09	\$44.43
Intel Celeron G3900T @ 2.60GHz	2944	999	NA	NA
Intel Celeron G3920 @ 2.90GHz	3477	848	74.89	\$46.43
Intel Celeron G3930 @ 2.90GHz	2901	1013	NA	NA
Intel Celeron G3950 @ 3.00GHz	3334	883	NA	NA
Intel Celeron J1750 @ 2.41GHz	1037	1794	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron J1800 @ 2.41GHz	1024	1802	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1499	NA	NA
Intel Celeron J1900 @ 1.99GHz	1868	1377	NA	NA
Intel Celeron J3060 @ 1.60GHz	952	1859	NA	NA
Intel Celeron J3160 @ 1.60GHz	1845	1386	NA	NA
Intel Celeron J3355 @ 2.00GHz	1324	1631	NA	NA
Intel Celeron J3455 @ 1.50GHz	2128	1267	NA	NA
Intel Celeron M 1.00GHz	207	2432	17.73	\$11.69*
Intel Celeron M 1.30GHz	316	2287	NA	NA
Intel Celeron M 1.50GHz	346	2260	NA	NA
Intel Celeron M 1.60GHz	365	2240	NA	NA
Intel Celeron M 1.70GHz	397	2202	NA	NA
Intel Celeron M 360 1.40GHz	327	2276	NA	NA
Intel Celeron M 410 @ 1.46GHz	317	2285	NA	NA
Intel Celeron M 420 @ 1.60GHz	337	2268	NA	NA
Intel Celeron M 430 @ 1.73GHz	374	2227	NA	NA
Intel Celeron M 440 @ 1.86GHz	414	2174	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2383	NA	NA
Intel Celeron M 450 @ 2.00GHz	455	2135	NA	NA
Intel Celeron M 520 @ 1.60GHz	432	2160	NA	NA
Intel Celeron M 530 @ 1.73GHz	461	2129	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2059	NA	NA
Intel Celeron M 600MHz	151	2471	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2134	NA	NA
Intel Celeron M 900MHz	207	2431	NA	NA
Intel Celeron M 1200MHz	275	2360	NA	NA
Intel Celeron M 1300MHz	303	2309	NA	NA
Intel Celeron M 1500MHz	332	2273	NA	NA
Intel Celeron M ULV 800MHz	184	2453	NA	NA
Intel Celeron N2805 @ 1.46GHz	457	2133	NA	NA
Intel Celeron N2806 @ 1.60GHz	773	1946	NA	NA
Intel Celeron N2807 @ 1.58GHz	841	1918	NA	NA
Intel Celeron N2808 @ 1.58GHz	938	1868	NA	NA
Intel Celeron N2810 @ 2.00GHz	791	1940	3.05	\$259.54*
Intel Celeron N2815 @ 1.86GHz	853	1910	NA	NA
Intel Celeron N2820 @ 2.13GHz	969	1840	4.87	\$199.00
Intel Celeron N2830 @ 2.16GHz	962	1850	NA	NA
Intel Celeron N2840 @ 2.16GHz	1011	1810	NA	NA
Intel Celeron N2910 @ 1.60GHz	1231	1691	NA	NA
Intel Celeron N2920 @ 1.86GHz	1522	1541	NA	NA
Intel Celeron N2930 @ 1.83GHz	1631	1492	NA	NA
Intel Celeron N2940 @ 1.83GHz	1755	1424	NA	NA
Intel Celeron N3000 @ 1.04GHz	917	1879	NA	NA
Intel Celeron N3010 @ 1.04GHz	962	1851	NA	NA
Intel Celeron N3050 @ 1.60GHz	888	1893	2.89	\$307.70
Intel Celeron N3060 @ 1.60GHz	961	1852	NA	NA
Intel Celeron N3150 @ 1.60GHz	1678	1470	NA	NA
Intel Celeron N3160 @ 1.60GHz	1682	1464	NA	NA
Intel Celeron N3350 @ 1.10GHz	1144	1740	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N3450 @ 1.10GHz	1822	1392	NA	NA
Intel Celeron P4500 @ 1.87GHz	1152	1731	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	1826	NA	NA
Intel Celeron P4600 @ 2.00GHz	1343	1622	NA	NA
Intel Celeron SU2300 @ 1.20GHz	782	1942	NA	NA
Intel Celeron T1600 @ 1.66GHz	929	1872	46.51	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	1784	17.65	\$59.95
Intel Celeron U1900 @ 1.99GHz	1704	1448	NA	NA
Intel Celeron U3400 @ 1.07GHz	727	1966	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	1988	NA	NA
Intel Celeron U3600 @ 1.20GHz	777	1943	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1049	1786	6.00	\$175.00*
Intel Core2 Duo E4400 @ 2.00GHz	1157	1728	10.72	\$108.00*
Intel Core2 Duo E4500 @ 2.20GHz	1275	1665	36.46	\$34.99*
Intel Core2 Duo E4600 @ 2.40GHz	1388	1597	33.62	\$41.29*
Intel Core2 Duo E4700 @ 2.60GHz	1476	1556	14.77	\$100.00*
Intel Core2 Duo E6300 @ 1.86GHz	1112	1750	24.20	\$45.98*
Intel Core2 Duo E6320 @ 1.86GHz	1193	1711	NA	NA
Intel Core2 Duo E6400 @ 2.13GHz	1295	1648	19.71	\$65.76*
Intel Core2 Duo E6420 @ 2.13GHz	1373	1605	NA	NA
Intel Core2 Duo E6540 @ 2.33GHz	1464	1563	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1500	1549	37.52	\$40.00*
Intel Core2 Duo E6600 @ 2.40GHz	1556	1527	23.61	\$65.94*
Intel Core2 Duo E6700 @ 2.66GHz	1704	1449	15.49	\$109.99
Intel Core2 Duo E6750 @ 2.66GHz	1721	1440	39.62	\$43.46*
Intel Core2 Duo E6850 @ 3.00GHz	1951	1333	29.79	\$65.50
Intel Core2 Duo E7200 @ 2.53GHz	1639	1488	8.63	\$189.95*

CPU Name	Passmark CPU Mark (higher is better) ↕	Rank (lower is better) ^	CPU Value (higher is better) ^	Price (USD) ↕
Intel Core2 Duo E7300 @ 2.66GHz	1729	1436	NA	NA
Intel Core2 Duo E7400 @ 2.80GHz	1778	1411	34.54	\$51.50*
Intel Core2 Duo E7500 @ 2.93GHz	1878	1371	34.19	\$54.95
Intel Core2 Duo E7600 @ 3.06GHz	2011	1314	13.41	\$149.95*
Intel Core2 Duo E8135 @ 2.40GHz	1681	1465	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1765	1418	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1882	1369	NA	NA
Intel Core2 Duo E8235 @ 2.80GHz	1940	1340	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1180	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1996	1320	49.93	\$39.99*
Intel Core2 Duo E8335 @ 2.66GHz	1810	1397	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2163	1257	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2165	1256	111.03	\$19.50
Intel Core2 Duo E8435 @ 3.06GHz	2139	1264	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2297	1200	9.38	\$245.00*
Intel Core2 Duo E8600 @ 3.33GHz	2417	1156	71.09	\$34.00
Intel Core2 Duo E8700 @ 3.50GHz	2212	1239	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	727	1965	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	1989	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	841	1917	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	1912	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	965	1843	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo L7700 @ 1.80GHz	965	1846	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	1747	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1090	1765	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1421	1584	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1302	1641	65.16	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1301	1643	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1428	1579	35.73	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	1862	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1526	1538	6.64	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1447	1575	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	1805	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1463	1565	4.93	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1543	1532	32.17	\$47.99*
Intel Core2 Duo P8700 @ 2.53GHz	1638	1489	43.14	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1750	1427	30.72	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1587	1514	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1789	1409	1.79	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1768	1416	17.86	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1884	1368	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2024	1309	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2035	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1276	1664	5.04	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1679	1469	5.91	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	936	1869	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	834	1923	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	831	1925	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	821	1930	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	940	1864	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	906	1887	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	906	1886	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	921	1877	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1040	1792	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1023	1804	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	1009	1812	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1090	1764	109.20	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1111	1753	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1177	1715	235.99	\$4.99*
Intel Core2 Duo T5870 @ 2.00GHz	1145	1739	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	1702	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1228	1693	81.93	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1287	1653	85.90	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1267	1671	32.91	\$38.50
Intel Core2 Duo T6600 @ 2.20GHz	1377	1603	137.85	\$9.99*
Intel Core2 Duo T6670 @ 2.20GHz	1365	1608	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1013	1809	46.10	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1166	1723	23.76	\$49.09
Intel Core2 Duo T7250 @ 2.00GHz	1111	1752	5.52	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1195	1709	38.57	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1235	1687	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T7500 @ 2.20GHz	1274	1667	29.64	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1344	1620	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1419	1585	30.20	\$46.99*
Intel Core2 Duo T7800 @ 2.60GHz	1627	1494	2.68	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1289	1652	1.29	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1484	1554	6.94	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1670	1476	28.80	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1741	1430	34.15	\$51.00*
Intel Core2 Duo T9500 @ 2.60GHz	1821	1393	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1801	1403	6.03	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1345	29.66	\$64.99*
Intel Core2 Duo T9800 @ 2.93GHz	2042	1298	4.82	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2151	1260	5.39	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	876	1898	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	579	2040	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	667	1999	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	711	1977	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	863	1905	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1135	1742	NA	NA



CPU Name	Passmark CPU Mark (higher is better) ↕	Rank (lower is better) ^	CPU Value (higher is better) ^	Price (USD) ↕
Intel Core2 Duo X7360 @ 2.53GHz	1687	1462	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3646	805	3.24	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3699	796	2.47	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3538	830	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1887	1363	7.16	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1402	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1627	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1679	1468	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1917	1350	NA	NA
Intel Core2 Extreme X9100 @ 3.06GHz	2047	1294	2.41	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4234	685	4.20	\$1,008.95*
Intel Core2 Extreme X9750 @ 3.16GHz	4651	606	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4642	608	2.89	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	607	4.67	\$995.00*
Intel Core2 Quad Q6600 @ 2.40GHz	2976	988	23.70	\$125.59
Intel Core2 Quad Q6700 @ 2.66GHz	3312	889	12.64	\$262.01*
Intel Core2 Quad Q8200 @ 2.33GHz	2826	1034	17.13	\$164.99*
Intel Core2 Quad Q8300 @ 2.50GHz	3006	977	20.73	\$145.00
Intel Core2 Quad Q8400 @ 2.66GHz	3205	924	64.11	\$50.00*
Intel Core2 Quad Q9000 @ 2.00GHz	2533	1117	6.51	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3232	912	8.38	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3177	931	15.73	\$202.01
Intel Core2 Quad Q9400 @ 2.66GHz	3386	872	78.76	\$43.00
Intel Core2 Quad Q9450 @ 2.66GHz	3788	775	11.30	\$335.25*
Intel Core2 Quad Q9500 @ 2.83GHz	3636	807	24.25	\$149.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3615	811	14.62	\$247.23*
Intel Core2 Quad Q9550 @ 2.83GHz	4013	721	14.92	\$269.00
Intel Core2 Quad Q9650 @ 3.00GHz	4237	684	16.95	\$249.95
Intel Core2 Quad Q9705 @ 3.16GHz	3947	736	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	303	2308	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Solo U2200 @ 1.20GHz	311	2295	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2173	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	467	2121	NA	NA
Intel Core 330 @ 1.60GHz	643	2009	NA	NA
Intel Core 860 @ 2.80GHz	4550	628	14.73	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	1970	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	1980	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	1964	NA	NA
Intel Core Duo T2050 @ 1.60GHz	704	1982	NA	NA
Intel Core Duo T2250 @ 1.73GHz	762	1951	NA	NA
Intel Core Duo T2300 @ 1.66GHz	733	1962	NA	NA
Intel Core Duo T2350 @ 1.86GHz	762	1950	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	1938	49.65	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	841	1916	NA	NA
Intel Core Duo T2500 @ 2.00GHz	876	1896	7.30	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	941	1863	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	1799	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2057	NA	NA
Intel Core Duo U2500 @ 1.20GHz	515	2079	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1343	NA	NA
Intel Core i3-330M @ 2.13GHz	1795	1406	36.97	\$48.56
Intel Core i3-330UM @ 1.20GHz	1053	1785	NA	NA
Intel Core i3-350M @ 2.27GHz	1901	1354	14.63	\$130.00
Intel Core i3-370M @ 2.40GHz	2025	1308	8.25	\$245.40
Intel Core i3-380M @ 2.53GHz	2103	1280	35.09	\$59.95
Intel Core i3-380UM @ 1.33GHz	1162	1724	NA	NA
Intel Core i3-390M @ 2.67GHz	2173	1253	55.81	\$38.95*
Intel Core i3-530 @ 2.93GHz	2586	1108	39.79	\$64.99
Intel Core i3-540 @ 3.07GHz	2693	1075	41.52	\$64.88
Intel Core i3-550 @ 3.20GHz	2835	1031	22.47	\$126.20
Intel Core i3-560 @ 3.33GHz	2975	989	15.66	\$189.95
Intel Core i3-2100 @ 3.10GHz	3650	804	27.05	\$134.95
Intel Core i3-2100T @ 2.50GHz	2885	1021	16.00	\$180.30*
Intel Core i3-2102 @ 3.10GHz	3817	764	NA	NA
Intel Core i3-2105 @ 3.10GHz	3712	792	25.60	\$145.00
Intel Core i3-2120 @ 3.30GHz	3891	750	40.97	\$95.00
Intel Core i3-2120T @ 2.60GHz	3155	941	25.45	\$124.00
Intel Core i3-2125 @ 3.30GHz	3981	727	23.56	\$169.00
Intel Core i3-2130 @ 3.40GHz	4054	715	27.03	\$150.00
Intel Core i3-2140 @ 3.50GHz	4325	669	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1028	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2417	1155	31.62	\$76.46
Intel Core i3-2312M @ 2.10GHz	2376	1172	NA	NA
Intel Core i3-2328M @ 2.20GHz	2514	1128	NA	NA
Intel Core i3-2330E @ 2.20GHz	3004	979	NA	NA
Intel Core i3-2330M @ 2.20GHz	2528	1120	36.57	\$69.15
Intel Core i3-2332M @ 2.20GHz	2382	1170	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1441	NA	NA
Intel Core i3-2348M @ 2.30GHz	2604	1100	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2350M @ 2.30GHz	2611	1098	62.24	\$41.96
Intel Core i3-2357M @ 1.30GHz	1580	1517	NA	NA
Intel Core i3-2365M @ 1.40GHz	1675	1473	NA	NA
Intel Core i3-2367M @ 1.40GHz	1699	1453	NA	NA
Intel Core i3-2370M @ 2.40GHz	2749	1060	46.60	\$59.00
Intel Core i3-2375M @ 1.50GHz	1772	1415	NA	NA
Intel Core i3-2377M @ 1.50GHz	1820	1394	NA	NA
Intel Core i3-3110M @ 2.40GHz	3061	963	21.87	\$139.95
Intel Core i3-3120M @ 2.50GHz	3213	915	20.08	\$160.00*
Intel Core i3-3130M @ 2.60GHz	3362	878	NA	NA
Intel Core i3-3210 @ 3.20GHz	4016	720	30.43	\$132.00



CPU Name	Passmark CPU Mark (higher is better) ↕	Rank (lower is better) ^	CPU Value (higher is better) ^	Price (USD) ↕
Intel Core i3-3217U @ 1.80GHz	2298	1198	6.62	\$347.12*
Intel Core i3-3217UE @ 1.60GHz	2162	1258	NA	NA
Intel Core i3-3220 @ 3.30GHz	4217	689	42.60	\$99.00
Intel Core i3-3220T @ 2.80GHz	3700	795	28.25	\$130.99
Intel Core i3-3225 @ 3.30GHz	4334	667	16.05	\$270.00
Intel Core i3-3227U @ 1.90GHz	2451	1146	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1676	1472	NA	NA
Intel Core i3-3240 @ 3.40GHz	4301	673	29.66	\$145.00
Intel Core i3-3240T @ 2.90GHz	3668	802	NA	NA
Intel Core i3-3245 @ 3.40GHz	4382	656	35.06	\$125.00
Intel Core i3-3250 @ 3.50GHz	4434	645	29.43	\$150.65
Intel Core i3-3250T @ 3.00GHz	3021	973	NA	NA
Intel Core i3-4000M @ 2.40GHz	3234	911	46.87	\$69.00
Intel Core i3-4005U @ 1.70GHz	2455	1143	NA	NA
Intel Core i3-4010U @ 1.70GHz	2448	1147	19.19	\$127.60
Intel Core i3-4010Y @ 1.30GHz	1852	1384	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2199	1243	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2188	1248	NA	NA
Intel Core i3-4025U @ 1.90GHz	2784	1045	NA	NA
Intel Core i3-4030U @ 1.90GHz	2699	1072	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2471	1141	NA	NA
Intel Core i3-4100M @ 2.50GHz	3443	856	15.75	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	753	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1012	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	966	NA	NA
Intel Core i3-4130 @ 3.40GHz	4775	588	31.84	\$149.99
Intel Core i3-4130T @ 2.90GHz	4093	708	15.16	\$270.00*
Intel Core i3-4150 @ 3.50GHz	4903	569	30.84	\$159.00
Intel Core i3-4150T @ 3.00GHz	4204	691	35.94	\$117.00*
Intel Core i3-4158U @ 2.00GHz	2914	1007	NA	NA
Intel Core i3-4160 @ 3.60GHz	5033	547	39.33	\$128.00
Intel Core i3-4160T @ 3.10GHz	4370	661	NA	NA
Intel Core i3-4170 @ 3.70GHz	5162	533	42.26	\$122.15
Intel Core i3-4170T @ 3.20GHz	4545	630	27.55	\$165.00*
Intel Core i3-4330 @ 3.50GHz	5067	542	29.13	\$173.98
Intel Core i3-4330T @ 3.00GHz	4515	636	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3251	907	NA	NA
Intel Core i3-4340 @ 3.60GHz	5229	522	24.90	\$210.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4350 @ 3.60GHz	4866	574	27.73	\$175.50
Intel Core i3-4350T @ 3.10GHz	4302	672	NA	NA
Intel Core i3-4360 @ 3.70GHz	5464	492	36.32	\$150.46
Intel Core i3-4360T @ 3.20GHz	4630	613	NA	NA
Intel Core i3-4370 @ 3.80GHz	5576	477	23.06	\$241.78*
Intel Core i3-4570T @ 2.90GHz	4934	562	NA	NA
Intel Core i3-5005U @ 2.00GHz	2916	1006	NA	NA
Intel Core i3-5010U @ 2.10GHz	3069	959	9.34	\$328.59
Intel Core i3-5015U @ 2.10GHz	3061	962	NA	NA
Intel Core i3-5020U @ 2.20GHz	3205	923	6.98	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3638	806	NA	NA
Intel Core i3-6006U @ 2.00GHz	3159	937	NA	NA
Intel Core i3-6098P @ 3.60GHz	6032	425	48.87	\$123.44
Intel Core i3-6100 @ 3.70GHz	5464	493	49.68	\$109.99
Intel Core i3-6100E @ 2.70GHz	3694	798	NA	NA
Intel Core i3-6100H @ 2.70GHz	4118	706	NA	NA
Intel Core i3-6100T @ 3.20GHz	4837	579	50.90	\$95.05
Intel Core i3-6100TE @ 2.70GHz	4355	664	NA	NA
Intel Core i3-6100U @ 2.30GHz	3878	752	7.53	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3790	774	NA	NA
Intel Core i3-6300 @ 3.80GHz	5809	449	39.25	\$148.02
Intel Core i3-6300T @ 3.30GHz	5217	524	34.10	\$152.99
Intel Core i3-6320 @ 3.90GHz	6020	428	40.14	\$149.99
Intel Core i3-7100 @ 3.90GHz	5961	436	49.71	\$119.94
Intel Core i3-7100T @ 3.40GHz	5402	502	NA	NA
Intel Core i3-7100U @ 2.40GHz	3869	754	NA	NA
Intel Core i3-7300 @ 4.00GHz	6385	399	42.57	\$149.99
Intel Core i3-7320 @ 4.10GHz	6594	378	41.22	\$159.99
Intel Core i3-7350K @ 4.20GHz	6793	357	39.97	\$169.99
Intel Core i5 750S @ 2.40GHz	2197	1244	8.72	\$252.01
Intel Core i5 E 520 @ 2.40GHz	2486	1137	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3522	834	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	4529	632	NA	NA
Intel Core i5-430M @ 2.27GHz	2106	1277	26.53	\$79.42*
Intel Core i5-430UM @ 1.20GHz	1336	1624	NA	NA
Intel Core i5-450M @ 2.40GHz	2119	1269	66.34	\$31.95*
Intel Core i5-460M @ 2.53GHz	2336	1184	29.22	\$79.95*
Intel Core i5-470UM @ 1.33GHz	1274	1666	NA	NA
Intel Core i5-480M @ 2.67GHz	2425	1151	30.10	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1225	NA	NA
Intel Core i5-520M @ 2.40GHz	2383	1168	23.84	\$99.99
Intel Core i5-520UM @ 1.07GHz	1349	1617	NA	NA
Intel Core i5-540M @ 2.53GHz	2446	1148	12.88	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1389	1595	NA	NA
Intel Core i5-560M @ 2.67GHz	2603	1101	35.55	\$73.23
Intel Core i5-560UM @ 1.33GHz	1727	1438	NA	NA
Intel Core i5-580M @ 2.67GHz	2654	1081	24.14	\$109.95
Intel Core i5-650 @ 3.20GHz	3120	946	24.01	\$130.00
Intel Core i5-655K @ 3.20GHz	3299	890	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-660 @ 3.33GHz	3279	896	13.64	\$240.55
Intel Core i5-661 @ 3.33GHz	3186	928	12.64	\$252.01
Intel Core i5-670 @ 3.47GHz	3332	884	20.20	\$165.00

CPU Name	Passmark CPU Mark (higher is better) ↕	Rank (lower is better) ↑	CPU Value (higher is better) ↑	Price (USD) ↕
Intel Core i5-680 @ 3.60GHz	3502	837	12.88	\$272.01
Intel Core i5-750 @ 2.67GHz	3715	791	16.31	\$227.85
Intel Core i5-760 @ 2.80GHz	3907	747	18.16	\$215.10
Intel Core i5-2300 @ 2.80GHz	5299	512	29.28	\$180.95
Intel Core i5-2310 @ 2.90GHz	5476	490	34.11	\$160.58
Intel Core i5-2320 @ 3.00GHz	5711	464	30.00	\$190.40
Intel Core i5-2380P @ 3.10GHz	5717	463	31.76	\$180.00
Intel Core i5-2390T @ 2.70GHz	4275	676	NA	NA
Intel Core i5-2400 @ 3.10GHz	5882	443	37.95	\$155.00
Intel Core i5-2400S @ 2.50GHz	4906	568	25.55	\$192.00
Intel Core i5-2405S @ 2.50GHz	5004	552	10.61	\$471.59*
Intel Core i5-2410M @ 2.30GHz	3156	939	28.71	\$109.95
Intel Core i5-2415M @ 2.30GHz	3298	891	NA	NA
Intel Core i5-2430M @ 2.40GHz	3275	898	21.92	\$149.48
Intel Core i5-2435M @ 2.40GHz	3287	894	NA	NA
Intel Core i5-2450M @ 2.50GHz	3403	867	26.18	\$130.00
Intel Core i5-2450P @ 3.20GHz	6091	421	28.33	\$214.99*
Intel Core i5-2467M @ 1.60GHz	2328	1188	NA	NA
Intel Core i5-2500 @ 3.30GHz	6254	405	36.46	\$171.51
Intel Core i5-2500K @ 3.30GHz	6460	389	22.35	\$289.00
Intel Core i5-2500S @ 2.70GHz	5253	518	21.71	\$241.95
Intel Core i5-2500T @ 2.30GHz	4680	601	NA	NA
Intel Core i5-2510E @ 2.50GHz	3614	812	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	888	NA	NA
Intel Core i5-2520M @ 2.50GHz	3564	824	12.85	\$277.38*
Intel Core i5-2537M @ 1.40GHz	2105	1278	NA	NA
Intel Core i5-2540M @ 2.60GHz	3759	779	34.19	\$109.95*
Intel Core i5-2550K @ 3.40GHz	6703	362	21.69	\$309.00*
Intel Core i5-2557M @ 1.70GHz	2671	1079	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	781	NA	NA
Intel Core i5-3210M @ 2.50GHz	3796	772	18.52	\$205.00*
Intel Core i5-3230M @ 2.60GHz	3921	745	15.26	\$256.95
Intel Core i5-3317U @ 1.70GHz	3089	954	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4054	714	33.04	\$122.74
Intel Core i5-3330 @ 3.00GHz	5883	442	28.15	\$209.00
Intel Core i5-3330S @ 2.70GHz	5608	473	56.66	\$98.98*
Intel Core i5-3335S @ 2.70GHz	5768	455	NA	NA
Intel Core i5-3337U @ 1.80GHz	3211	919	14.27	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2228	1234	NA	NA
Intel Core i5-3340 @ 3.10GHz	6031	426	23.02	\$262.01
Intel Core i5-3340M @ 2.70GHz	4223	688	121.88	\$34.65*
Intel Core i5-3340S @ 2.80GHz	5709	465	30.05	\$190.00
Intel Core i5-3350P @ 3.10GHz	6100	420	27.48	\$222.01
Intel Core i5-3360M @ 2.80GHz	4382	657	21.26	\$206.12*
Intel Core i5-3380M @ 2.90GHz	4404	652	NA	NA
Intel Core i5-3427U @ 1.80GHz	3543	828	8.44	\$420.05*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3437U @ 1.90GHz	3595	818	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2957	994	NA	NA
Intel Core i5-3450 @ 3.10GHz	6469	388	32.35	\$199.99
Intel Core i5-3450S @ 2.80GHz	6118	416	40.79	\$150.00
Intel Core i5-3470 @ 3.20GHz	6603	377	34.18	\$193.19
Intel Core i5-3470S @ 2.90GHz	6242	407	32.82	\$190.20
Intel Core i5-3470T @ 2.90GHz	4487	641	14.52	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6412	396	29.22	\$219.45*
Intel Core i5-3550 @ 3.30GHz	6845	353	26.48	\$258.48
Intel Core i5-3550S @ 3.00GHz	6845	354	NA	NA
Intel Core i5-3570 @ 3.40GHz	7017	344	50.13	\$140.00
Intel Core i5-3570K @ 3.40GHz	7140	328	25.97	\$275.00
Intel Core i5-3570S @ 3.10GHz	6580	381	23.09	\$285.00
Intel Core i5-3570T @ 2.30GHz	5838	447	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3722	788	NA	NA
Intel Core i5-4200H @ 2.80GHz	4412	651	NA	NA
Intel Core i5-4200M @ 2.50GHz	4031	717	22.40	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3265	902	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2396	1164	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2277	1208	NA	NA
Intel Core i5-4210H @ 2.90GHz	4510	638	NA	NA
Intel Core i5-4210M @ 2.60GHz	4193	694	16.13	\$259.95*
Intel Core i5-4210U @ 1.70GHz	3382	873	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2359	1179	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1215	NA	NA
Intel Core i5-4250U @ 1.30GHz	3432	861	8.58	\$399.99
Intel Core i5-4258U @ 2.40GHz	4079	711	NA	NA
Intel Core i5-4260U @ 1.40GHz	3543	827	NA	NA
Intel Core i5-4278U @ 2.60GHz	4312	671	NA	NA
Intel Core i5-4288U @ 2.60GHz	4429	646	NA	NA
Intel Core i5-4300M @ 2.60GHz	4380	658	NA	NA
Intel Core i5-4300U @ 1.90GHz	3741	784	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2527	1121	NA	NA
Intel Core i5-4302Y @ 1.60GHz	3013	974	NA	NA
Intel Core i5-4308U @ 2.80GHz	4358	663	NA	NA
Intel Core i5-4310M @ 2.70GHz	4527	634	NA	NA
Intel Core i5-4310U @ 2.00GHz	3691	799	NA	NA
Intel Core i5-4330M @ 2.80GHz	4509	639	16.40	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4764	589	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	813	NA	NA
Intel Core i5-4400E @ 2.70GHz	1271	1669	NA	NA
Intel Core i5-4402E @ 1.60GHz	3947	737	NA	NA
Intel Core i5-4430 @ 3.00GHz	6253	406	25.32	\$247.00
Intel Core i5-4430S @ 2.70GHz	5886	441	NA	NA
Intel Core i5-4440 @ 3.10GHz	6439	390	19.22	\$334.97*
Intel Core i5-4440S @ 2.80GHz	6106	418	14.34	\$425.73

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CPU Name	Passmark CPU Mark (higher is better) ↕	Rank (lower is better) ⬆	CPU Value (higher is better) ⬆	Price (USD) ↕
Intel Core i5-4460 @ 3.20GHz	6651	368	35.76	\$186.00
Intel Core i5-4460S @ 2.90GHz	6553	383	NA	NA
Intel Core i5-4460T @ 1.90GHz	4928	566	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4570 @ 3.20GHz	7043	341	26.78	\$263.00
Intel Core i5-4570R @ 2.70GHz	6609	375	NA	NA
Intel Core i5-4570S @ 2.90GHz	6675	366	20.97	\$318.30
Intel Core i5-4570T @ 2.90GHz	4785	586	21.61	\$221.50*
Intel Core i5-4570TE @ 2.70GHz	3861	755	16.14	\$239.24*
Intel Core i5-4590 @ 3.30GHz	7223	324	24.91	\$289.99
Intel Core i5-4590S @ 3.00GHz	6948	349	23.88	\$290.95
Intel Core i5-4590T @ 2.00GHz	5477	488	NA	NA
Intel Core i5-4670 @ 3.40GHz	7368	317	25.50	\$289.00
Intel Core i5-4670K @ 3.40GHz	7613	299	29.86	\$254.98
Intel Core i5-4670K CPT @ 3.40GHz	7411	314	NA	NA
Intel Core i5-4670S @ 3.10GHz	6436	392	NA	NA
Intel Core i5-4670T @ 2.30GHz	6229	408	28.32	\$220.00*
Intel Core i5-4690 @ 3.50GHz	7587	302	25.04	\$302.98
Intel Core i5-4690K @ 3.50GHz	7738	293	30.31	\$255.31*
Intel Core i5-4690S @ 3.20GHz	7367	318	21.68	\$339.81*
Intel Core i5-4690T @ 2.50GHz	6410	397	NA	NA
Intel Core i5-5200U @ 2.20GHz	3501	838	NA	NA
Intel Core i5-5250U @ 1.60GHz	3603	815	8.15	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4366	662	NA	NA
Intel Core i5-5287U @ 2.90GHz	4691	600	NA	NA
Intel Core i5-5300U @ 2.30GHz	3754	780	7.29	\$515.00*
Intel Core i5-5350U @ 1.80GHz	2493	1136	NA	NA
Intel Core i5-5575R @ 2.80GHz	7278	322	NA	NA
Intel Core i5-5675C @ 3.10GHz	8077	267	27.85	\$289.99
Intel Core i5-5675R @ 3.10GHz	7687	296	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4184	697	NA	NA
Intel Core i5-6200U @ 2.30GHz	3952	735	NA	NA
Intel Core i5-6260U @ 1.80GHz	4376	659	8.43	\$518.99*
Intel Core i5-6267U @ 2.90GHz	5003	554	NA	NA
Intel Core i5-6300HQ @ 2.30GHz	6000	429	NA	NA
Intel Core i5-6300U @ 2.40GHz	4372	660	NA	NA
Intel Core i5-6360U @ 2.00GHz	5038	546	NA	NA
Intel Core i5-6400 @ 2.70GHz	6692	365	36.18	\$184.99
Intel Core i5-6400T @ 2.20GHz	5540	480	30.95	\$179.00
Intel Core i5-6402P @ 2.80GHz	7784	285	40.97	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	453	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6624	374	NA	NA
Intel Core i5-6500 @ 3.20GHz	7196	327	35.46	\$202.98
Intel Core i5-6500T @ 2.50GHz	6150	415	NA	NA
Intel Core i5-6500TE @ 2.30GHz	5979	434	NA	NA
Intel Core i5-6600 @ 3.30GHz	7833	282	35.61	\$219.99
Intel Core i5-6600K @ 3.50GHz	7989	273	33.29	\$239.99
Intel Core i5-6600T @ 2.70GHz	7243	323	15.33	\$472.40*
Intel Core i5-7200U @ 2.50GHz	4715	594	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6699	364	NA	NA
Intel Core i5-7300U @ 2.60GHz	5174	530	NA	NA
Intel Core i5-7400 @ 3.00GHz	7449	313	38.20	\$194.99
Intel Core i5-7400T @ 2.40GHz	6779	359	32.52	\$208.49
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7440HQ @ 2.80GHz	7748	290	NA	NA
Intel Core i5-7500 @ 3.40GHz	7888	278	41.11	\$191.87
Intel Core i5-7500T @ 2.70GHz	7057	339	33.62	\$209.95
Intel Core i5-7600 @ 3.50GHz	8948	219	38.91	\$229.99
Intel Core i5-7600K @ 3.80GHz	9258	198	39.23	\$235.99
Intel Core i5-7600T @ 2.80GHz	8455	249	36.92	\$228.99
Intel Core i5-24050S @ 2.50GHz	4928	565	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3955	734	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1327	NA	NA
Intel Core i7-610E @ 2.53GHz	2425	1152	NA	NA
Intel Core i7-620LM @ 2.00GHz	2001	1318	NA	NA
Intel Core i7-620M @ 2.67GHz	2754	1057	25.04	\$110.00
Intel Core i7-620UM @ 1.07GHz	1302	1642	NA	NA
Intel Core i7-640LM @ 2.13GHz	2237	1229	NA	NA
Intel Core i7-640M @ 2.80GHz	2877	1024	18.35	\$156.79
Intel Core i7-640UM @ 1.20GHz	1688	1461	NA	NA
Intel Core i7-660UM @ 1.33GHz	1900	1355	NA	NA
Intel Core i7-680UM @ 1.47GHz	1686	1463	NA	NA
Intel Core i7-720QM @ 1.60GHz	3033	970	31.95	\$94.95*
Intel Core i7-740QM @ 1.73GHz	3208	922	24.79	\$129.43
Intel Core i7-820QM @ 1.73GHz	3244	909	23.34	\$138.99*
Intel Core i7-840QM @ 1.87GHz	3430	862	9.53	\$359.95*
Intel Core i7-860 @ 2.80GHz	5062	544	19.43	\$260.51
Intel Core i7-860S @ 2.53GHz	4776	587	11.32	\$422.01
Intel Core i7-870 @ 2.93GHz	5412	500	33.83	\$160.00
Intel Core i7-870S @ 2.67GHz	4969	560	NA	NA
Intel Core i7-875K @ 2.93GHz	5463	494	11.24	\$486.01
Intel Core i7-880 @ 3.07GHz	5686	466	9.75	\$583.00*
Intel Core i7-920 @ 2.67GHz	4970	559	16.63	\$298.89
Intel Core i7-920XM @ 2.00GHz	3802	770	22.97	\$165.55*
Intel Core i7-930 @ 2.80GHz	5190	528	11.56	\$448.87*
Intel Core i7-940 @ 2.93GHz	5420	498	18.13	\$299.00
Intel Core i7-940XM @ 2.13GHz	3975	730	NA	NA
Intel Core i7-950 @ 3.07GHz	5601	474	20.90	\$267.97
Intel Core i7-960 @ 3.20GHz	5881	444	18.61	\$316.00
Intel Core i7-965 @ 3.20GHz	5893	440	9.08	\$649.00
Intel Core i7-970 @ 3.20GHz	8447	251	14.19	\$595.40*
Intel Core i7-975 @ 3.33GHz	6191	412	12.64	\$489.89

CPU Name	Passmark CPU Mark (higher is better) ↕	Rank (lower is better) ⬆	CPU Value (higher is better) ⬆	Price (USD) ⬆
Intel Core i7-980 @ 3.33GHz	8811	228	7.95	\$1,108.95*
Intel Core i7-980X @ 3.33GHz	8902	223	9.28	\$959.00
Intel Core i7-985 @ 3.47GHz	6641	370	NA	NA
Intel Core i7-990X @ 3.47GHz	9173	203	8.42	\$1,089.95
Intel Core i7-995X @ 3.60GHz	9791	160	NA	NA
Intel Core i7-2600 @ 3.40GHz	8223	260	34.26	\$239.99
Intel Core i7-2600K @ 3.40GHz	8478	246	20.76	\$408.39
Intel Core i7-2600S @ 2.80GHz	7076	337	29.61	\$239.00
Intel Core i7-2610UE @ 1.50GHz	2481	1138	NA	NA
Intel Core i7-2617M @ 1.50GHz	2794	1042	NA	NA
Intel Core i7-2620M @ 2.70GHz	3817	765	23.72	\$160.92
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2630QM @ 2.00GHz	5546	479	29.99	\$184.91*
Intel Core i7-2630UM @ 1.60GHz	3204	925	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5478	487	NA	NA
Intel Core i7-2637M @ 1.70GHz	2896	1015	NA	NA
Intel Core i7-2640M @ 2.80GHz	3929	743	21.13	\$185.96
Intel Core i7-2655LE @ 2.20GHz	3057	964	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5925	439	33.87	\$174.95
Intel Core i7-2675QM @ 2.20GHz	5550	478	NA	NA
Intel Core i7-2677M @ 1.80GHz	2836	1030	NA	NA
Intel Core i7-2700K @ 3.50GHz	8767	230	13.75	\$637.76
Intel Core i7-2710QE @ 2.10GHz	5496	484	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5262	517	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6101	419	35.90	\$169.96
Intel Core i7-2760QM @ 2.40GHz	6630	372	14.19	\$467.40*
Intel Core i7-2820QM @ 2.30GHz	6644	369	15.10	\$439.95*
Intel Core i7-2840QM @ 2.40GHz	6766	360	NA	NA
Intel Core i7-2860QM @ 2.50GHz	7036	342	11.73	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7089	335	11.64	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7219	325	16.83	\$429.00*
Intel Core i7-3517U @ 1.90GHz	3602	816	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3402	868	NA	NA
Intel Core i7-3520M @ 2.90GHz	4514	637	NA	NA
Intel Core i7-3537U @ 2.00GHz	3848	757	NA	NA
Intel Core i7-3540M @ 3.00GHz	4658	604	13.37	\$348.54*
Intel Core i7-3555LE @ 2.50GHz	4130	704	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6193	411	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7460	312	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6340	403	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6822	355	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7133	333	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7377	316	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7595	300	26.77	\$283.69*
Intel Core i7-3632QM @ 2.20GHz	6929	350	19.30	\$359.00*
Intel Core i7-3635QM @ 2.40GHz	6637	371	NA	NA
Intel Core i7-3667U @ 2.00GHz	3973	732	NA	NA
Intel Core i7-3687U @ 2.10GHz	4240	683	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3219	913	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8149	263	21.72	\$375.17*
Intel Core i7-3740QM @ 2.70GHz	8346	255	14.68	\$568.57*
Intel Core i7-3770 @ 3.40GHz	9316	196	33.27	\$280.00
Intel Core i7-3770K @ 3.50GHz	9546	175	26.89	\$355.00
Intel Core i7-3770S @ 3.10GHz	8878	225	25.37	\$349.99
Intel Core i7-3770T @ 2.50GHz	8196	261	24.84	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8991	216	24.75	\$363.35
Intel Core i7-3820QM @ 2.70GHz	8504	245	18.09	\$470.00
Intel Core i7-3840QM @ 2.80GHz	8844	227	16.07	\$550.45*
Intel Core i7-3920XM @ 2.90GHz	9242	200	8.43	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	12029	96	20.81	\$577.94
Intel Core i7-3940XM @ 3.00GHz	9333	192	17.32	\$539.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3960X @ 3.30GHz	12690	87	11.91	\$1,065.76*
Intel Core i7-3970X @ 3.50GHz	12644	88	20.03	\$631.39
Intel Core i7-4500U @ 1.80GHz	3784	776	NA	NA
Intel Core i7-4510U @ 2.00GHz	3928	744	NA	NA
Intel Core i7-4550U @ 1.50GHz	3852	756	NA	NA
Intel Core i7-4558U @ 2.80GHz	4317	670	NA	NA
Intel Core i7-4560U @ 1.60GHz	4137	703	NA	NA
Intel Core i7-4578U @ 3.00GHz	4838	578	NA	NA
Intel Core i7-4600M @ 2.90GHz	4810	584	NA	NA
Intel Core i7-4600U @ 2.10GHz	4118	707	NA	NA
Intel Core i7-4610M @ 3.00GHz	4985	557	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3738	786	NA	NA
Intel Core i7-4650U @ 1.70GHz	4026	718	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7407	315	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7761	289	20.27	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7716	294	26.80	\$287.96
Intel Core i7-4702HQ @ 2.20GHz	7530	305	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7133	332	NA	NA
Intel Core i7-4710HQ @ 2.50GHz	7805	284	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7987	274	29.41	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7482	311	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7139	330	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8019	270	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	269	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8296	257	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8340	256	NA	NA
Intel Core i7-4765T @ 2.00GHz	7300	321	14.34	\$508.95*
Intel Core i7-4770 @ 3.40GHz	9805	159	21.22	\$462.17
Intel Core i7-4770HQ @ 2.20GHz	8935	221	NA	NA
Intel Core i7-4770K @ 3.50GHz	10111	136	25.34	\$399.00

CPU Name	Passmark CPU Mark (higher is better) ↕	Rank (lower is better) ^	CPU Value (higher is better) ^	Price (USD) ↕
Intel Core i7-4770R @ 3.20GHz	9861	155	NA	NA
Intel Core i7-4770S @ 3.10GHz	9321	194	19.88	\$468.81
Intel Core i7-4770T @ 2.50GHz	8680	235	14.23	\$609.95*
Intel Core i7-4770TE @ 2.30GHz	7065	338	NA	NA
Intel Core i7-4771 @ 3.50GHz	9872	153	23.89	\$413.25
Intel Core i7-4785T @ 2.20GHz	7572	303	NA	NA
Intel Core i7-4790 @ 3.60GHz	10002	145	32.16	\$311.00
Intel Core i7-4790K @ 4.00GHz	11186	105	28.53	\$392.14
Intel Core i7-4790S @ 3.20GHz	9596	172	20.77	\$462.15
Intel Core i7-4790T @ 2.70GHz	9052	212	25.22	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8507	244	16.68	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8655	237	13.02	\$664.62*
Intel Core i7-4820K @ 3.70GHz	9737	164	24.53	\$396.99
Intel Core i7-4850HQ @ 2.30GHz	9057	211	20.87	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7933	276	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9293	197	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9334	190	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9057	210	14.87	\$609.29*
Intel Core i7-4910MQ @ 2.90GHz	9404	188	16.41	\$572.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4930K @ 3.40GHz	13066	80	19.70	\$663.35
Intel Core i7-4930MX @ 3.00GHz	9476	180	8.65	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9893	151	9.81	\$1,008.95*
Intel Core i7-4960HQ @ 2.60GHz	9770	161	15.68	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13873	66	5.14	\$2,700.00
Intel Core i7-4980HQ @ 2.80GHz	10044	141	NA	NA
Intel Core i7-5500U @ 2.40GHz	4004	725	NA	NA
Intel Core i7-5550U @ 2.00GHz	4246	682	NA	NA
Intel Core i7-5557U @ 3.10GHz	4928	564	6.89	\$715.00*
Intel Core i7-5600U @ 2.60GHz	4288	674	NA	NA
Intel Core i7-5650U @ 2.20GHz	4162	700	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	262	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	259	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8397	252	NA	NA
Intel Core i7-5775C @ 3.30GHz	11035	110	27.35	\$403.50
Intel Core i7-5775R @ 3.30GHz	10851	115	NA	NA
Intel Core i7-5820K @ 3.30GHz	12990	82	33.31	\$389.99
Intel Core i7-5850HQ @ 2.70GHz	9459	182	NA	NA
Intel Core i7-5930K @ 3.50GHz	13634	72	22.22	\$613.64
Intel Core i7-5950HQ @ 2.90GHz	10892	114	NA	NA
Intel Core i7-5960X @ 3.00GHz	15974	47	14.93	\$1,069.65
Intel Core i7-6498DU @ 2.50GHz	4577	619	NA	NA
Intel Core i7-6500U @ 2.50GHz	4437	644	NA	NA
Intel Core i7-6560U @ 2.20GHz	4822	583	NA	NA
Intel Core i7-6567U @ 3.30GHz	5581	476	NA	NA
Intel Core i7-6600U @ 2.60GHz	4801	585	NA	NA
Intel Core i7-6650U @ 2.20GHz	4907	567	NA	NA
Intel Core i7-6700 @ 3.40GHz	10036	143	34.02	\$294.99
Intel Core i7-6700HQ @ 2.60GHz	8133	265	5.39	\$1,509.00*
Intel Core i7-6700K @ 4.00GHz	11119	108	32.71	\$339.99
Intel Core i7-6700T @ 2.80GHz	9051	213	27.85	\$325.00
Intel Core i7-6700TE @ 2.40GHz	10514	119	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9684	169	9.67	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13592	73	33.98	\$399.99
Intel Core i7-6820EQ @ 2.80GHz	8454	250	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9079	209	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8810	229	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6489	387	NA	NA
Intel Core i7-6850K @ 3.60GHz	14414	56	24.90	\$578.87
Intel Core i7-6900K @ 3.20GHz	17748	25	17.37	\$1,021.97
Intel Core i7-6920HQ @ 2.90GHz	9691	168	NA	NA
Intel Core i7-6950X @ 3.00GHz	19977	15	12.14	\$1,644.99
Intel Core i7-7500U @ 2.70GHz	5237	520	NA	NA
Intel Core i7-7560U @ 2.40GHz	6024	427	NA	NA
Intel Core i7-7567U @ 3.50GHz	6701	363	NA	NA
Intel Core i7-7600U @ 2.80GHz	5380	505	NA	NA
Intel Core i7-7700 @ 3.60GHz	10943	113	34.94	\$313.24
Intel Core i7-7700HQ @ 2.80GHz	8952	218	NA	NA
Intel Core i7-7700K @ 4.20GHz	12270	95	35.78	\$342.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7700T @ 2.90GHz	9536	176	29.80	\$319.99
Intel Core i7-7820HK @ 2.90GHz	10202	133	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9892	152	NA	NA
Intel Core m3-6Y30 @ 0.90GHz	3056	965	NA	NA
Intel Core m3-7Y30 @ 1.00GHz	3682	800	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3298	892	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3212	918	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3553	826	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2735	1066	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2150	1261	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2811	1039	10.01	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2763	1053	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2527	1122	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3029	972	NA	NA
Intel Core M-5Y71 @ 1.20GHz	3069	958	10.92	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	395	2204	NA	NA
Intel Core Solo T1350 @ 1.86GHz	402	2192	NA	NA
Intel Core Solo T1400 @ 1.83GHz	472	2119	NA	NA
Intel Core Solo U1300 @ 1.06GHz	276	2357	NA	NA
Intel Core Solo U1400 @ 1.20GHz	282	2346	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2274	NA	NA
Intel E3000 @ 3.40GHz	2767	1051	NA	NA

CPU Name	Passmark CPU Mark (higher is better) ↕	Rank (lower is better) ⬆	CPU Value (higher is better) ⬆	Price (USD) ↕
Intel Pentium 4 1.40GHz	164	2462	NA	NA
Intel Pentium 4 1.50GHz	131	2477	NA	NA
Intel Pentium 4 1.60GHz	129	2479	NA	NA
Intel Pentium 4 1.70GHz	133	2476	NA	NA
Intel Pentium 4 1.80GHz	160	2465	NA	NA
Intel Pentium 4 1.90GHz	159	2466	NA	NA
Intel Pentium 4 2.00GHz	188	2445	NA	NA
Intel Pentium 4 2.20GHz	210	2428	NA	NA
Intel Pentium 4 2.26GHz	222	2416	NA	NA
Intel Pentium 4 2.40GHz	229	2410	NA	NA
Intel Pentium 4 2.50GHz	245	2395	NA	NA
Intel Pentium 4 2.53GHz	248	2392	NA	NA
Intel Pentium 4 2.60GHz	290	2328	NA	NA
Intel Pentium 4 2.66GHz	255	2381	NA	NA
Intel Pentium 4 2.80GHz	324	2278	NA	NA
Intel Pentium 4 2.93GHz	303	2310	NA	NA
Intel Pentium 4 3.00GHz	354	2253	NA	NA
Intel Pentium 4 3.06GHz	347	2259	NA	NA
Intel Pentium 4 3.20GHz	377	2223	NA	NA
Intel Pentium 4 3.40GHz	398	2200	NA	NA
Intel Pentium 4 3.46GHz	487	2102	NA	NA
Intel Pentium 4 3.60GHz	492	2095	NA	NA
Intel Pentium 4 3.73GHz	486	2104	NA	NA
Intel Pentium 4 3.80GHz	488	2101	NA	NA
Intel Pentium 4 4.00GHz	184	2450	NA	NA
Intel Pentium 4 1300MHz	119	2482	NA	NA
Intel Pentium 4 1400MHz	127	2480	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 1500MHz	125	2481	NA	NA
Intel Pentium 4 1600MHz	193	2442	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2469	NA	NA
Intel Pentium 4 1800MHz	162	2464	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2472	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2438	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2456	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2430	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2457	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2429	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2434	NA	NA
Intel Pentium 5 2.66GHz	705	1981	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	1761	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1161	1727	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	1735	NA	NA
Intel Pentium 987 @ 1.50GHz	1227	1694	NA	NA
Intel Pentium 997 @ 1.60GHz	1457	1568	NA	NA
Intel Pentium 1403 @ 2.60GHz	2747	1061	NA	NA
Intel Pentium 2020M @ 2.40GHz	2298	1199	17.15	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2406	1159	17.96	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1650	1484	12.32	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1833	1390	13.68	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1087	1769	8.12	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2296	1202	NA	NA
Intel Pentium 3556U @ 1.70GHz	1709	1445	NA	NA
Intel Pentium 3558U @ 1.70GHz	1710	1444	NA	NA
Intel Pentium 3560M @ 2.40GHz	2245	1223	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1259	1675	NA	NA
Intel Pentium 3805U @ 1.90GHz	1998	1319	NA	NA
Intel Pentium 3825U @ 1.90GHz	2605	1099	NA	NA
Intel Pentium 4405U @ 2.10GHz	2974	990	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2074	1288	NA	NA
Intel Pentium 4415U @ 2.30GHz	3331	885	NA	NA
Intel Pentium A1018 @ 2.10GHz	1605	1501	NA	NA
Intel Pentium B940 @ 2.00GHz	1725	1439	57.64	\$29.94*
Intel Pentium B950 @ 2.10GHz	1716	1442	NA	NA
Intel Pentium B960 @ 2.20GHz	1862	1380	38.03	\$48.99*
Intel Pentium B970 @ 2.30GHz	1961	1329	38.46	\$50.99*
Intel Pentium B980 @ 2.40GHz	2075	1287	29.67	\$69.95*
Intel Pentium D 805 @ 2.66GHz	532	2066	NA	NA
Intel Pentium D 830 @ 3.00GHz	646	2006	NA	NA
Intel Pentium D 915 @ 2.80GHz	585	2036	NA	NA
Intel Pentium D 940 @ 3.20GHz	710	1978	NA	NA
Intel Pentium D 950 @ 3.40GHz	741	1960	NA	NA
Intel Pentium D 960 @ 3.60GHz	823	1929	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	1903	5.92	\$147.01
Intel Pentium E2160 @ 1.80GHz	996	1823	24.92	\$40.00
Intel Pentium E2180 @ 2.00GHz	1087	1768	13.60	\$80.00
Intel Pentium E2200 @ 2.20GHz	1203	1706	8.78	\$137.05*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E2210 @ 2.20GHz	1174	1717	NA	NA
Intel Pentium E2220 @ 2.40GHz	1335	1625	10.12	\$132.01
Intel Pentium E5200 @ 2.50GHz	1490	1552	15.05	\$99.00
Intel Pentium E5300 @ 2.60GHz	1548	1528	24.14	\$64.15*
Intel Pentium E5400 @ 2.70GHz	1596	1510	29.03	\$55.00*
Intel Pentium E5500 @ 2.80GHz	1637	1490	15.02	\$109.02
Intel Pentium E5700 @ 3.00GHz	1744	1429	23.26	\$74.99*
Intel Pentium E5800 @ 3.20GHz	1909	1352	43.39	\$44.00
Intel Pentium E6300 @ 2.80GHz	1701	1451	42.56	\$39.99*
Intel Pentium E6500 @ 2.93GHz	1759	1420	35.20	\$49.99*
Intel Pentium E6600 @ 3.06GHz	1887	1362	117.98	\$16.00*
Intel Pentium E6700 @ 3.20GHz	1941	1338	24.27	\$79.99
Intel Pentium E6800 @ 3.33GHz	2045	1295	19.78	\$103.43*
Intel Pentium Extreme Edition 955 @ 3.46GHz	905	1888	1.19	\$759.00*



CPU Name	Passmark CPU Mark (higher is better) ↕	Rank (lower is better) ^	CPU Value (higher is better) ^	Price (USD) ↕
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	1841	NA	NA
Intel Pentium G620 @ 2.60GHz	2301	1196	30.22	\$76.15
Intel Pentium G620T @ 2.20GHz	2052	1293	25.66	\$79.99*
Intel Pentium G630 @ 2.70GHz	2372	1174	18.91	\$125.47
Intel Pentium G630T @ 2.30GHz	2113	1274	26.43	\$79.99*
Intel Pentium G640 @ 2.80GHz	2524	1123	14.14	\$178.59*
Intel Pentium G640T @ 2.40GHz	1939	1342	NA	NA
Intel Pentium G645 @ 2.90GHz	2597	1102	13.86	\$187.38*
Intel Pentium G645T @ 2.50GHz	2341	1183	NA	NA
Intel Pentium G840 @ 2.80GHz	2592	1105	43.22	\$59.99
Intel Pentium G850 @ 2.90GHz	2661	1080	26.62	\$100.00
Intel Pentium G860 @ 3.00GHz	2761	1055	36.82	\$74.99
Intel Pentium G870 @ 3.10GHz	2868	1025	13.31	\$215.59*
Intel Pentium G2010 @ 2.80GHz	2617	1094	5.62	\$465.64*
Intel Pentium G2020 @ 2.90GHz	2776	1050	46.31	\$59.95
Intel Pentium G2020T @ 2.50GHz	2459	1142	38.42	\$64.00*
Intel Pentium G2030 @ 3.00GHz	2894	1016	9.87	\$293.29
Intel Pentium G2030T @ 2.60GHz	2442	1149	38.16	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1040	NA	NA
Intel Pentium G2120 @ 3.10GHz	3072	956	27.93	\$109.99*
Intel Pentium G2130 @ 3.20GHz	3213	914	37.81	\$84.99
Intel Pentium G2140 @ 3.30GHz	3395	870	41.37	\$82.08
Intel Pentium G3220 @ 3.00GHz	3157	938	52.62	\$60.00
Intel Pentium G3220T @ 2.60GHz	2616	1095	65.44	\$39.99*
Intel Pentium G3240 @ 3.10GHz	3213	916	31.58	\$101.74
Intel Pentium G3240T @ 2.70GHz	2936	1003	NA	NA
Intel Pentium G3250 @ 3.20GHz	3260	905	33.81	\$96.42
Intel Pentium G3250T @ 2.80GHz	3010	975	NA	NA
Intel Pentium G3258 @ 3.20GHz	3930	742	52.30	\$75.15
Intel Pentium G3260 @ 3.30GHz	3393	871	47.80	\$70.99
Intel Pentium G3260T @ 2.90GHz	2900	1014	NA	NA
Intel Pentium G3320TE @ 2.30GHz	2389	1167	NA	NA
Intel Pentium G3420 @ 3.20GHz	3427	864	13.60	\$252.00*
Intel Pentium G3420T @ 2.70GHz	3008	976	NA	NA
Intel Pentium G3430 @ 3.30GHz	3479	847	29.95	\$116.15*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3440 @ 3.30GHz	3413	866	30.30	\$112.64
Intel Pentium G3440T @ 2.80GHz	3101	950	NA	NA
Intel Pentium G3450 @ 3.40GHz	3737	787	21.30	\$175.48*
Intel Pentium G3450T @ 2.90GHz	2967	991	NA	NA
Intel Pentium G3460 @ 3.50GHz	3582	822	42.00	\$85.31
Intel Pentium G3470 @ 3.60GHz	3702	793	35.50	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3600	817	61.24	\$58.79
Intel Pentium G4400T @ 2.90GHz	3250	908	NA	NA
Intel Pentium G4500 @ 3.50GHz	3979	728	58.75	\$67.75
Intel Pentium G4500T @ 3.00GHz	3490	843	NA	NA
Intel Pentium G4520 @ 3.60GHz	4196	693	47.05	\$89.19
Intel Pentium G4560 @ 3.50GHz	5098	538	63.74	\$79.99*
Intel Pentium G4560T @ 2.90GHz	4186	696	NA	NA
Intel Pentium G4600 @ 3.60GHz	5228	523	59.42	\$87.99
Intel Pentium G4620 @ 3.70GHz	5198	526	55.91	\$92.99
Intel Pentium G6950 @ 2.80GHz	1870	1373	15.90	\$117.69*
Intel Pentium G6951 @ 2.80GHz	2311	1191	NA	NA
Intel Pentium G6960 @ 2.93GHz	2116	1271	NA	NA
Intel Pentium III 933S @ 933MHz	238	2402	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2342	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2354	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2299	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2320	NA	NA
Intel Pentium III 1400S @ 1400MHz	301	2314	NA	NA
Intel Pentium III Mobile 750MHz	103	2485	NA	NA
Intel Pentium III Mobile 800MHz	182	2454	NA	NA
Intel Pentium III Mobile 866MHz	152	2470	NA	NA
Intel Pentium III Mobile 933MHz	218	2419	8.58	\$25.51*
Intel Pentium III Mobile 1000MHz	245	2394	NA	NA
Intel Pentium III Mobile 1066MHz	268	2366	NA	NA
Intel Pentium III Mobile 1133MHz	251	2387	NA	NA
Intel Pentium III Mobile 1200MHz	262	2374	NA	NA
Intel Pentium J2850 @ 2.41GHz	1803	1401	NA	NA
Intel Pentium J2900 @ 2.41GHz	1981	1325	NA	NA
Intel Pentium J3710 @ 1.60GHz	2039	1302	NA	NA
Intel Pentium J4205 @ 1.50GHz	2397	1163	NA	NA
Intel Pentium M 1.10GHz	282	2345	NA	NA
Intel Pentium M 1.20GHz	298	2318	NA	NA
Intel Pentium M 1.30GHz	301	2313	NA	NA
Intel Pentium M 1.40GHz	358	2247	NA	NA
Intel Pentium M 1.50GHz	367	2237	NA	NA
Intel Pentium M 1.60GHz	368	2235	NA	NA
Intel Pentium M 1.70GHz	411	2177	NA	NA
Intel Pentium M 1.73GHz	416	2171	NA	NA
Intel Pentium M 1.80GHz	406	2184	NA	NA
Intel Pentium M 1.86GHz	438	2152	NA	NA
Intel Pentium M 2.00GHz	465	2122	NA	NA
Intel Pentium M 2.10GHz	521	2073	NA	NA
Intel Pentium M 2.13GHz	508	2085	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 2.26GHz	520	2074	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2110	NA	NA
Intel Pentium M 900MHz	220	2417	NA	NA
Intel Pentium M 1000MHz	233	2407	NA	NA
Intel Pentium M 1100MHz	259	2377	NA	NA
Intel Pentium M 1200MHz	237	2403	NA	NA



CPU Name	Passmark CPU Mark (higher is better) ↕	Rank (lower is better) ↕	CPU Value (higher is better) ↕	Price (USD) ↕
Intel Pentium M 1300MHz	303	2307	NA	NA
Intel Pentium M 1400MHz	321	2282	NA	NA
Intel Pentium M 1500MHz	355	2251	NA	NA
Intel Pentium M 1600MHz	351	2255	NA	NA
Intel Pentium M 1700MHz	376	2224	NA	NA
Intel Pentium N3510 @ 1.99GHz	1547	1530	NA	NA
Intel Pentium N3520 @ 2.16GHz	1806	1398	NA	NA
Intel Pentium N3530 @ 2.16GHz	1894	1358	NA	NA
Intel Pentium N3540 @ 2.16GHz	1950	1334	7.78	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1869	1376	7.95	\$234.99*
Intel Pentium N3710 @ 1.60GHz	1869	1375	NA	NA
Intel Pentium N4200 @ 1.10GHz	2042	1297	NA	NA
Intel Pentium P6000 @ 1.87GHz	1248	1679	NA	NA
Intel Pentium P6100 @ 2.00GHz	1329	1628	110.75	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1347	1618	22.46	\$59.99*
Intel Pentium P6300 @ 2.27GHz	1384	1598	NA	NA
Intel Pentium SU2700 @ 1.30GHz	407	2182	NA	NA
Intel Pentium SU4100 @ 1.30GHz	872	1901	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	1914	NA	NA
Intel Pentium T2060 @ 1.60GHz	675	1994	NA	NA
Intel Pentium T2080 @ 1.73GHz	712	1975	4.45	\$159.95*
Intel Pentium T2130 @ 1.86GHz	715	1973	NA	NA
Intel Pentium T2310 @ 1.46GHz	724	1967	NA	NA
Intel Pentium T2330 @ 1.60GHz	833	1924	NA	NA
Intel Pentium T2370 @ 1.73GHz	842	1915	NA	NA
Intel Pentium T2390 @ 1.86GHz	939	1866	NA	NA
Intel Pentium T2410 @ 2.00GHz	980	1831	NA	NA
Intel Pentium T3200 @ 2.00GHz	1032	1796	86.08	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1114	1749	79.63	\$14.00*
Intel Pentium T4200 @ 2.00GHz	1147	1737	95.64	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1247	1681	NA	NA
Intel Pentium T4400 @ 2.20GHz	1281	1658	NA	NA
Intel Pentium T4500 @ 2.30GHz	1339	1623	NA	NA
Intel Pentium U5400 @ 1.20GHz	838	1922	NA	NA
Intel Pentium U5600 @ 1.33GHz	977	1833	NA	NA
Intel T1200 @ 1.50GHz	435	2158	NA	NA
Intel T1400 @ 1.73GHz	935	1871	NA	NA
Intel T1500 @ 1.86GHz	965	1844	NA	NA
Intel T2050 @ 2.00GHz	959	1856	NA	NA
Intel Xeon 2.00GHz	233	2406	NA	NA
Intel XEON 2.20GHz	252	2385	NA	NA
Intel Xeon 2.40GHz	276	2358	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2157	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 2.80GHz	400	2198	NA	NA
Intel Xeon 3.00GHz	391	2210	NA	NA
Intel Xeon 3.06GHz	491	2096	NA	NA
Intel Xeon 3.20GHz	461	2128	NA	NA
Intel Xeon 3.40GHz	478	2113	NA	NA
Intel Xeon 3.60GHz	500	2091	0.59	\$851.00*
Intel Xeon 3.73GHz	1041	1790	NA	NA
Intel Xeon 3.80GHz	604	2028	0.71	\$851.00*
Intel Xeon 1500MHz	193	2441	NA	NA
Intel Xeon 3040 @ 1.86GHz	1281	1659	51.16	\$25.04
Intel Xeon 3050 @ 2.13GHz	1311	1636	52.04	\$25.20
Intel Xeon 3060 @ 2.40GHz	1518	1543	52.94	\$28.69
Intel Xeon 3065 @ 2.33GHz	1504	1547	39.60	\$38.00*
Intel Xeon 3070 @ 2.66GHz	1754	1425	4.29	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1388	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1801	1404	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	1779	54.02	\$19.99
Intel Xeon 5120 @ 1.86GHz	1237	1685	19.80	\$62.50
Intel Xeon 5130 @ 2.00GHz	1379	1602	86.25	\$15.99
Intel Xeon 5133 @ 2.20GHz	1598	1509	NA	NA
Intel Xeon 5140 @ 2.33GHz	1645	1486	109.79	\$14.99
Intel Xeon 5148 @ 2.33GHz	1590	1513	39.78	\$39.99
Intel Xeon 5150 @ 2.66GHz	1741	1431	108.92	\$15.99*
Intel Xeon 5160 @ 3.00GHz	1968	1328	91.56	\$21.50
Intel Xeon D-1518 @ 2.20GHz	4700	598	NA	NA
Intel Xeon D-1520 @ 2.20GHz	6396	398	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	347	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8612	240	NA	NA
Intel Xeon D-1540 @ 2.00GHz	10573	118	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11333	102	NA	NA
Intel Xeon D-1587 @ 1.70GHz	13489	75	NA	NA
Intel Xeon E3-1220 @ 3.10GHz	6038	424	28.56	\$211.45
Intel Xeon E3-1220 V2 @ 3.10GHz	6593	379	29.97	\$219.99
Intel Xeon E3-1220 v3 @ 3.10GHz	6608	376	29.13	\$226.89
Intel Xeon E3-1220 v5 @ 3.00GHz	7588	301	NA	NA
Intel Xeon E3-1220L @ 2.20GHz	3563	825	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	3656	803	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1275	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5946	437	24.37	\$244.00
Intel Xeon E3-1225 V2 @ 3.20GHz	6789	358	25.12	\$270.31
Intel Xeon E3-1225 v3 @ 3.20GHz	7129	334	24.38	\$292.45*
Intel Xeon E3-1225 v5 @ 3.30GHz	7765	288	NA	NA
Intel Xeon E3-1226 v3 @ 3.30GHz	7497	310	32.30	\$232.10
Intel Xeon E3-1230 @ 3.20GHz	7929	277	30.50	\$259.99
Intel Xeon E3-1230 V2 @ 3.30GHz	8847	226	24.87	\$355.77
Intel Xeon E3-1230 v3 @ 3.30GHz	9322	193	22.68	\$411.08
Intel Xeon E3-1230 v5 @ 3.40GHz	9712	166	NA	NA
Intel Xeon E3-1230L v3 @ 1.80GHz	7207	326	NA	NA
Intel Xeon E3-1231 v3 @ 3.40GHz	9629	170	40.12	\$239.99

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 Xeon E3-1235 @ 3.20GHz	7692	295	20.51	\$375.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6352	401	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7996	272	38.26	\$209.00
Intel Xeon E3-1240 V2 @ 3.40GHz	9215	202	30.33	\$303.87
Intel Xeon E3-1240 v3 @ 3.40GHz	9702	167	45.47	\$213.36*
Intel Xeon E3-1240 v5 @ 3.50GHz	10357	123	NA	NA
Intel Xeon E3-1240L v3 @ 2.00GHz	7508	306	NA	NA
Intel Xeon E3-1241 v3 @ 3.50GHz	10042	142	35.61	\$282.00
Intel Xeon E3-1245 @ 3.30GHz	8058	268	23.80	\$338.58
Intel Xeon E3-1245 V2 @ 3.40GHz	9085	208	19.67	\$461.92
Intel Xeon E3-1245 v3 @ 3.40GHz	9548	174	29.84	\$319.99
Intel Xeon E3-1245 v5 @ 3.50GHz	10345	124	NA	NA
Intel Xeon E3-1246 v3 @ 3.50GHz	10028	144	32.56	\$307.98
Intel Xeon E3-1260L @ 2.40GHz	6534	384	11.34	\$576.10*
Intel Xeon E3-1260L v5 @ 2.90GHz	10067	139	NA	NA
Intel Xeon E3-1265L @ 2.40GHz	6054	423	6.59	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7745	292	54.39	\$142.42
Intel Xeon E3-1265L v3 @ 2.50GHz	8691	234	23.66	\$367.29
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	281	NA	NA
Intel Xeon E3-1270 @ 3.40GHz	8241	258	22.33	\$369.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9464	181	32.95	\$287.22
Intel Xeon E3-1270 v3 @ 3.50GHz	9831	158	26.57	\$369.99
Intel Xeon E3-1270 v5 @ 3.60GHz	10098	137	30.46	\$331.55
Intel Xeon E3-1271 v3 @ 3.60GHz	9992	146	27.51	\$363.28
Intel Xeon E3-1275 @ 3.40GHz	8348	254	21.74	\$384.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9334	191	16.21	\$575.73
Intel Xeon E3-1275 v3 @ 3.50GHz	9847	157	17.88	\$550.76
Intel Xeon E3-1275 v5 @ 3.60GHz	10328	125	NA	NA
Intel Xeon E3-1275L v3 @ 2.70GHz	8628	239	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10247	131	28.87	\$354.99
Intel Xeon E3-1280 @ 3.50GHz	8473	247	6.72	\$1,260.74
Intel Xeon E3-1280 V2 @ 3.60GHz	9756	162	15.13	\$644.99*
Intel Xeon E3-1280 v3 @ 3.60GHz	9755	163	12.19	\$800.49*
Intel Xeon E3-1280 v5 @ 3.70GHz	10502	120	NA	NA
Intel Xeon E3-1280 v6 @ 3.90GHz	11104	109	NA	NA
Intel Xeon E3-1281 v3 @ 3.70GHz	10193	134	11.15	\$914.52
Intel Xeon E3-1285 v3 @ 3.60GHz	10252	130	NA	NA
Intel Xeon E3-1285L v3 @ 3.10GHz	9984	147	NA	NA
Intel Xeon E3-1285L v4 @ 3.40GHz	11224	103	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9388	189	11.19	\$839.00*
Intel Xeon E3-1290 @ 3.60GHz	8704	232	9.84	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9862	154	11.14	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	336	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8900	224	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9940	149	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10642	116	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9246	199	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10608	117	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	11031	111	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1410 @ 2.80GHz	7312	320	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	6822	356	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5471	491	33.16	\$164.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	5992	430	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	5375	506	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5782	452	NA	NA
Intel Xeon E5-1607 v2 @ 3.00GHz	5988	431	19.13	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6897	351	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7507	307	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9097	207	28.52	\$318.97
Intel Xeon E5-1620 v2 @ 3.70GHz	9489	178	30.13	\$314.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9722	165	32.41	\$299.99
Intel Xeon E5-1620 v4 @ 3.50GHz	10053	140	NA	NA
Intel Xeon E5-1630 v3 @ 3.70GHz	10229	132	23.84	\$429.14
Intel Xeon E5-1630 v4 @ 3.70GHz	10273	129	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11756	99	67.18	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12576	89	13.71	\$916.99*
Intel Xeon E5-1650 v3 @ 3.50GHz	13560	74	20.54	\$660.09
Intel Xeon E5-1650 v4 @ 3.60GHz	14276	59	NA	NA
Intel Xeon E5-1660 @ 3.30GHz	12521	90	32.52	\$385.00*
Intel Xeon E5-1660 v2 @ 3.70GHz	13735	70	7.59	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14277	58	12.44	\$1,148.12
Intel Xeon E5-1660 v4 @ 3.20GHz	16334	40	NA	NA
Intel Xeon E5-1680 v2 @ 3.00GHz	16990	28	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16673	32	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	16684	30	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18367	22	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3489	844	15.17	\$230.00
Intel Xeon E5-2403 v2 @ 1.80GHz	1797	1405	8.06	\$222.84*
Intel Xeon E5-2407 @ 2.20GHz	3795	773	13.30	\$285.47
Intel Xeon E5-2407 v2 @ 2.40GHz	4677	603	9.82	\$476.31
Intel Xeon E5-2418L @ 2.00GHz	5202	525	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7139	329	18.31	\$390.00
Intel Xeon E5-2420 v2 @ 2.20GHz	8593	242	15.35	\$559.94
Intel Xeon E5-2430 @ 2.20GHz	6878	352	11.81	\$582.28*
Intel Xeon E5-2430 v2 @ 2.50GHz	8608	241	13.72	\$627.49*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	373	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9319	195	18.29	\$509.53
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	185	11.25	\$837.99*
Intel Xeon E5-2450 @ 2.10GHz	10186	135	106.20	\$95.92
Intel Xeon E5-2470 @ 2.30GHz	11149	107	7.53	\$1,479.99*

CPU Name	Passmark CPU Mark (higher is better) ↕	Rank (lower is better) ↑	CPU Value (higher is better) ↑	Price (USD) ↕
Intel Xeon E5-2603 @ 1.80GHz	3518	836	15.45	\$227.69
Intel Xeon E5-2603 v2 @ 1.80GHz	3739	785	19.50	\$191.76
Intel Xeon E5-2603 v3 @ 1.60GHz	5087	539	22.33	\$227.80
Intel Xeon E5-2603 v4 @ 1.70GHz	5247	519	NA	NA
Intel Xeon E5-2609 @ 2.40GHz	4576	620	21.55	\$212.41
Intel Xeon E5-2609 v2 @ 2.50GHz	5013	550	11.83	\$423.64
Intel Xeon E5-2609 v3 @ 1.90GHz	5926	438	20.43	\$290.00
Intel Xeon E5-2609 v4 @ 1.70GHz	6983	346	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2618L v3 @ 2.30GHz	12508	91	NA	NA
Intel Xeon E5-2620 @ 2.00GHz	7971	275	54.95	\$145.06
Intel Xeon E5-2620 v2 @ 2.10GHz	8693	233	21.48	\$404.68
Intel Xeon E5-2620 v3 @ 2.40GHz	9975	148	24.94	\$400.00
Intel Xeon E5-2620 v4 @ 2.10GHz	11369	101	NA	NA
Intel Xeon E5-2623 v3 @ 3.00GHz	9097	206	16.05	\$566.84*
Intel Xeon E5-2623 v4 @ 2.60GHz	8136	264	16.96	\$479.82*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	187	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12844	85	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13041	81	9.56	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	10984	112	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8915	222	12.97	\$687.51
Intel Xeon E5-2630 v2 @ 2.60GHz	10452	121	15.29	\$683.79
Intel Xeon E5-2630 v3 @ 2.40GHz	12814	86	21.54	\$595.00
Intel Xeon E5-2630 v4 @ 2.20GHz	14124	63	NA	NA
Intel Xeon E5-2630L @ 2.00GHz	7868	279	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	7767	287	NA	NA
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	84	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9452	184	8.67	\$1,089.70
Intel Xeon E5-2637 v3 @ 3.50GHz	10281	127	9.89	\$1,040.00
Intel Xeon E5-2637 v4 @ 3.50GHz	9858	156	9.06	\$1,088.10
Intel Xeon E5-2640 @ 2.50GHz	9618	171	54.54	\$176.35
Intel Xeon E5-2640 v2 @ 2.00GHz	9914	150	12.32	\$804.50
Intel Xeon E5-2640 v3 @ 2.60GHz	14117	64	14.48	\$975.24
Intel Xeon E5-2640 v4 @ 2.40GHz	15071	52	NA	NA
Intel Xeon E5-2643 @ 3.30GHz	8467	248	5.06	\$1,672.70
Intel Xeon E5-2643 v2 @ 3.50GHz	11735	100	5.33	\$2,200.00*
Intel Xeon E5-2643 v3 @ 3.40GHz	13852	68	8.61	\$1,609.00*
Intel Xeon E5-2643 v4 @ 3.40GHz	13411	76	NA	NA
Intel Xeon E5-2648L v3 @ 1.80GHz	12332	93	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10275	128	78.80	\$130.40
Intel Xeon E5-2650 v2 @ 2.60GHz	13117	79	20.31	\$645.73
Intel Xeon E5-2650 v3 @ 2.30GHz	14962	54	14.12	\$1,060.00
Intel Xeon E5-2650 v4 @ 2.20GHz	15994	46	NA	NA
Intel Xeon E5-2650L @ 1.80GHz	8676	236	NA	NA
Intel Xeon E5-2650L v3 @ 1.80GHz	13131	78	NA	NA
Intel Xeon E5-2651 v2 @ 1.80GHz	11176	106	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	179	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13875	65	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16511	37	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16290	42	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11219	104	81.82	\$137.12
Intel Xeon E5-2660 v2 @ 2.20GHz	13264	77	13.86	\$956.91*
Intel Xeon E5-2660 v3 @ 2.60GHz	16161	43	12.43	\$1,300.00
Intel Xeon E5-2660 v4 @ 2.00GHz	18816	20	NA	NA
Intel Xeon E5-2663 v3 @ 2.80GHz	13802	69	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11986	97	84.41	\$142.00
Intel Xeon E5-2667 @ 2.90GHz	10380	122	13.28	\$781.96
Intel Xeon E5-2667 v2 @ 3.30GHz	16415	38	5.13	\$3,200.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2667 v3 @ 3.20GHz	16125	44	7.14	\$2,260.00
Intel Xeon E5-2667 v4 @ 3.20GHz	15916	48	NA	NA
Intel Xeon E5-2670 @ 2.60GHz	12325	94	84.89	\$145.20
Intel Xeon E5-2670 v2 @ 2.50GHz	14975	53	8.56	\$1,750.00*
Intel Xeon E5-2670 v3 @ 2.30GHz	16549	35	10.07	\$1,642.68
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	41	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16904	29	NA	NA
Intel Xeon E5-2673 v4 @ 2.30GHz	21129	11	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15172	51	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17795	23	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16618	33	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25236	1	9.34	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12931	83	53.88	\$240.00
Intel Xeon E5-2680 v2 @ 2.80GHz	16341	39	12.04	\$1,357.50
Intel Xeon E5-2680 v3 @ 2.50GHz	18781	21	10.72	\$1,752.65
Intel Xeon E5-2680 v4 @ 2.40GHz	19905	16	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17502	26	8.82	\$1,984.99*
Intel Xeon E5-2685 v3 @ 2.60GHz	14154	62	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	19	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14376	57	16.76	\$857.60
Intel Xeon E5-2687W v2 @ 3.40GHz	16559	34	10.32	\$1,605.00
Intel Xeon E5-2687W v3 @ 3.10GHz	17779	24	8.10	\$2,195.20
Intel Xeon E5-2687W v4 @ 3.00GHz	20130	13	NA	NA
Intel Xeon E5-2689 @ 2.60GHz	13869	67	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19708	17	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	14194	61	24.32	\$583.74
Intel Xeon E5-2690 v2 @ 3.00GHz	16546	36	6.13	\$2,697.01*
Intel Xeon E5-2690 v3 @ 2.60GHz	19362	18	10.14	\$1,909.00
Intel Xeon E5-2690 v4 @ 2.60GHz	21948	6	10.50	\$2,090.00*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	45	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15708	49	8.06	\$1,950.00
Intel Xeon E5-2695 v3 @ 2.30GHz	20614	12	8.38	\$2,460.42
Intel Xeon E5-2695 v4 @ 2.10GHz	20043	14	7.11	\$2,818.74

CPU Name	Passmark CPU Mark (higher is better) ▾	Rank (lower is better) ⬆	CPU Value (higher is better) ⬆	Price (USD) ⬆
Intel Xeon E5-2696 v2 @ 2.50GHz	16681	31	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22349	4	8.95	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	22197	5	NA	NA
Intel Xeon E5-2697 v2 @ 2.70GHz	17321	27	7.25	\$2,389.51
Intel Xeon E5-2697 v3 @ 2.60GHz	21608	8	9.37	\$2,305.00
Intel Xeon E5-2697 v4 @ 2.30GHz	21356	9	7.36	\$2,900.00
Intel Xeon E5-2698 v3 @ 2.30GHz	21334	10	8.02	\$2,660.00*
Intel Xeon E5-2698 v4 @ 2.20GHz	21789	7	6.75	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22520	3	6.60	\$3,410.00*
Intel Xeon E5-2699 v4 @ 2.20GHz	23344	2	13.26	\$1,760.00*
Intel Xeon E5-4603 @ 2.00GHz	5014	549	7.04	\$712.23*
Intel Xeon E5-4627 v3 @ 2.60GHz	14219	60	5.92	\$2,400.00*
Intel Xeon E5-4650 @ 2.70GHz	11960	98	9.97	\$1,200.00
Intel Xeon E3110 @ 3.00GHz	2178	1250	18.39	\$118.50
Intel Xeon E3113 @ 3.00GHz	2427	1150	NA	NA
Intel Xeon E3120 @ 3.16GHz	2241	1226	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5205 @ 1.86GHz	1401	1591	28.03	\$50.00
Intel Xeon E5240 @ 3.00GHz	2424	1153	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1213	45.30	\$50.00
Intel Xeon E5320 @ 1.86GHz	2282	1207	27.66	\$82.50*
Intel Xeon E5335 @ 2.00GHz	2513	1129	27.00	\$93.10*
Intel Xeon E5345 @ 2.33GHz	2951	996	4.23	\$697.00
Intel Xeon E5405 @ 2.00GHz	2906	1011	14.75	\$197.01
Intel Xeon E5410 @ 2.33GHz	3281	895	15.85	\$207.01
Intel Xeon E5420 @ 2.50GHz	3540	829	24.93	\$142.01
Intel Xeon E5430 @ 2.66GHz	3805	769	28.70	\$132.60*
Intel Xeon E5440 @ 2.83GHz	4005	724	89.04	\$44.99*
Intel Xeon E5450 @ 3.00GHz	4248	681	48.71	\$87.22*
Intel Xeon E5462 @ 2.80GHz	3943	739	18.87	\$208.95*
Intel Xeon E5472 @ 3.00GHz	4250	680	19.81	\$214.53*
Intel Xeon E5502 @ 1.87GHz	1381	1600	39.47	\$35.00*
Intel Xeon E5503 @ 2.00GHz	1360	1610	4.74	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2722	1067	45.38	\$60.00*
Intel Xeon E5506 @ 2.13GHz	2995	984	75.17	\$39.85
Intel Xeon E5507 @ 2.27GHz	3154	942	6.86	\$460.00*
Intel Xeon E5520 @ 2.27GHz	4453	643	63.65	\$69.96
Intel Xeon E5530 @ 2.40GHz	4605	616	13.55	\$339.95*
Intel Xeon E5540 @ 2.53GHz	4857	577	152.12	\$31.93
Intel Xeon E5603 @ 1.60GHz	2362	1178	8.26	\$286.01
Intel Xeon E5606 @ 2.13GHz	3093	952	61.87	\$50.00
Intel Xeon E5607 @ 2.27GHz	3459	853	25.62	\$135.00*
Intel Xeon E5620 @ 2.40GHz	4875	572	203.16	\$24.00
Intel Xeon E5630 @ 2.53GHz	5166	532	70.01	\$73.79*
Intel Xeon E5640 @ 2.67GHz	5345	510	103.98	\$51.41
Intel Xeon E5649 @ 2.40GHz	6559	382	83.04	\$79.00
Intel Xeon E5649 @ 2.53GHz	7051	340	155.43	\$45.37
Intel Xeon E7320 @ 2.13GHz	2413	1158	NA	NA
Intel Xeon L3110 @ 3.00GHz	2273	1211	NA	NA
Intel Xeon L3360 @ 2.83GHz	3820	761	40.26	\$94.90*
Intel Xeon L3426 @ 1.87GHz	3837	758	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1391	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1212	20.65	\$109.99
Intel Xeon L5310 @ 1.60GHz	2274	1209	20.22	\$112.50
Intel Xeon L5320 @ 1.86GHz	2135	1265	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1056	102.84	\$26.80*
Intel Xeon L5408 @ 2.13GHz	2965	992	NA	NA
Intel Xeon L5410 @ 2.33GHz	3378	874	100.86	\$33.50
Intel Xeon L5420 @ 2.50GHz	3493	840	38.82	\$89.99
Intel Xeon L5430 @ 2.66GHz	3818	763	26.60	\$143.55*
Intel Xeon L5506 @ 2.13GHz	3715	790	29.73	\$125.00
Intel Xeon L5520 @ 2.27GHz	4387	654	43.87	\$100.00*
Intel Xeon L5530 @ 2.40GHz	4351	665	NA	NA
Intel Xeon L5630 @ 2.13GHz	4420	648	63.15	\$70.00*
Intel Xeon L5638 @ 2.00GHz	5674	468	9.57	\$593.00*
Intel Xeon L5639 @ 2.13GHz	7021	343	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5640 @ 2.27GHz	6514	385	68.58	\$94.99
Intel Xeon L7455 @ 2.13GHz	3836	759	NA	NA
Intel Xeon MV 3.20GHz	683	1990	NA	NA
Intel Xeon W3503 @ 2.40GHz	1783	1410	27.44	\$64.99*
Intel Xeon W3505 @ 2.53GHz	1857	1382	NA	NA
Intel Xeon W3520 @ 2.67GHz	5064	543	12.38	\$408.95*
Intel Xeon W3530 @ 2.80GHz	5367	507	5.37	\$998.99*
Intel Xeon W3540 @ 2.93GHz	5479	486	7.84	\$698.95*
Intel Xeon W3550 @ 3.07GHz	5730	462	24.39	\$235.00*
Intel Xeon W3565 @ 3.20GHz	5964	435	16.52	\$360.95*
Intel Xeon W3570 @ 3.20GHz	6180	414	8.72	\$708.95*
Intel Xeon W3580 @ 3.33GHz	6412	395	29.90	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8370	253	28.38	\$295.00*
Intel Xeon W3680 @ 3.33GHz	9241	201	8.33	\$1,108.95
Intel Xeon W3690 @ 3.47GHz	9455	183	4.33	\$2,185.19*
Intel Xeon W5580 @ 3.20GHz	5836	448	57.25	\$101.95*
Intel Xeon W5590 @ 3.33GHz	6183	413	22.90	\$269.99*
Intel Xeon X3210 @ 2.13GHz	2801	1041	56.04	\$50.00*
Intel Xeon X3220 @ 2.40GHz	3118	947	17.82	\$175.00
Intel Xeon X3230 @ 2.66GHz	3443	855	11.09	\$310.51*
Intel Xeon X3320 @ 2.50GHz	3353	880	14.61	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3194	927	45.00	\$70.99*
Intel Xeon X3330 @ 2.66GHz	3571	823	17.01	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3898	749	64.99	\$59.99
Intel Xeon X3353 @ 2.66GHz	3905	748	53.13	\$73.50

CPU Name	Passmark CPU Mark (higher is better) ↕	Rank (lower is better) ↑	CPU Value (higher is better) ↑	Price (USD) ↕
Intel Xeon X3360 @ 2.83GHz	4024	719	71.02	\$56.67
Intel Xeon X3363 @ 2.83GHz	4080	710	55.07	\$74.10
Intel Xeon X3370 @ 3.00GHz	4346	666	11.89	\$365.50*
Intel Xeon X3380 @ 3.16GHz	4697	599	NA	NA
Intel Xeon X3430 @ 2.40GHz	3371	876	21.07	\$159.99*
Intel Xeon X3440 @ 2.53GHz	4550	627	45.97	\$99.00*
Intel Xeon X3450 @ 2.67GHz	4930	563	19.33	\$255.00
Intel Xeon X3460 @ 2.80GHz	5143	535	68.13	\$75.50*
Intel Xeon X3470 @ 2.93GHz	5195	527	13.78	\$377.00*
Intel Xeon X3480 @ 3.07GHz	5732	461	NA	NA
Intel Xeon X5260 @ 3.33GHz	2473	1140	15.46	\$160.00
Intel Xeon X5270 @ 3.50GHz	2524	1124	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1165	14.51	\$165.00*
Intel Xeon X5355 @ 2.66GHz	3266	901	15.84	\$206.24*
Intel Xeon X5365 @ 3.00GHz	3491	842	17.58	\$198.59
Intel Xeon X5450 @ 3.00GHz	4177	699	67.38	\$62.00*
Intel Xeon X5460 @ 3.16GHz	4413	650	44.68	\$98.78
Intel Xeon X5470 @ 3.33GHz	4677	602	46.80	\$99.95
Intel Xeon X5472 @ 3.00GHz	4127	705	18.34	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4597	618	92.71	\$49.59
Intel Xeon X5492 @ 3.40GHz	4884	571	3.51	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5416	499	87.36	\$62.00*
Intel Xeon X5560 @ 2.80GHz	5426	496	155.06	\$35.00
Intel Xeon X5570 @ 2.93GHz	5679	467	115.91	\$49.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5647 @ 2.93GHz	5980	432	34.17	\$175.00*
Intel Xeon X5650 @ 2.67GHz	7554	304	125.99	\$59.96
Intel Xeon X5660 @ 2.80GHz	7852	280	157.07	\$49.99
Intel Xeon X5667 @ 3.07GHz	4722	592	34.98	\$135.00
Intel Xeon X5670 @ 2.93GHz	8082	266	118.88	\$67.99
Intel Xeon X5672 @ 3.20GHz	6507	386	67.79	\$96.00
Intel Xeon X5675 @ 3.07GHz	8556	243	50.33	\$170.00
Intel Xeon X5677 @ 3.47GHz	6984	345	19.96	\$350.00
Intel Xeon X5679 @ 3.20GHz	8652	238	NA	NA
Intel Xeon X5680 @ 3.33GHz	8767	231	48.84	\$179.52
Intel Xeon X5687 @ 3.60GHz	7138	331	37.06	\$192.63*
Intel Xeon X5690 @ 3.47GHz	9160	204	44.69	\$205.00
Intel Xeon X5698 @ 4.40GHz	4272	677	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	986	NA	NA
Mobile AMD Athlon 4	314	2291	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2246	NA	NA
Mobile AMD Athlon 64 2700+	398	2199	NA	NA
Mobile AMD Athlon 64 2800+	440	2149	NA	NA
Mobile AMD Athlon 64 3000+	450	2138	NA	NA
Mobile AMD Athlon 64 3200+	441	2148	NA	NA
Mobile AMD Athlon 64 3400+	511	2082	NA	NA
Mobile AMD Athlon 64 3700+	363	2242	NA	NA
Mobile AMD Athlon 64 4000+	576	2044	NA	NA
Mobile AMD Athlon 1400+	266	2369	NA	NA
Mobile AMD Athlon 2500+	370	2232	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2370	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2221	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2323	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2094	NA	NA
Mobile AMD Athlon XP	572	2047	48.95	\$11.69*
Mobile AMD Athlon XP-M	512	2081	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2452	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2375	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2378	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2280	NA	NA
Mobile AMD Athlon XP-M 1800+	312	2294	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2266	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2315	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2241	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2262	NA	NA
Mobile AMD Athlon XP-M 2500+	351	2256	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2231	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2239	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2238	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2150	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2103	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2086	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2333	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2322	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M (LV) 2000+	335	2270	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2229	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2117	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2088	NA	NA
Mobile AMD Sempron 2100+	252	2386	NA	NA
Mobile AMD Sempron 2600+	394	2206	NA	NA
Mobile AMD Sempron 2800+	358	2248	NA	NA
Mobile AMD Sempron 3000+	388	2214	NA	NA
Mobile AMD Sempron 3100+	416	2172	NA	NA
Mobile AMD Sempron 3200+	354	2252	NA	NA
Mobile AMD Sempron 3300+	444	2145	NA	NA
Mobile AMD Sempron 3400+	443	2147	NA	NA
Mobile AMD Sempron 3500+	410	2178	NA	NA
Mobile AMD Sempron 3600+	430	2162	NA	NA
Mobile AMD Sempron 3800+	517	2076	NA	NA
Mobile Intel Celeron 1.20GHz	170	2460	NA	NA
Mobile Intel Celeron 1.50GHz	188	2443	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Celeron 1.60GHz	188	2444	NA	NA
Mobile Intel Celeron 1.70GHz	181	2455	NA	NA
Mobile Intel Celeron 1.80GHz	186	2448	NA	NA
Mobile Intel Celeron 2.00GHz	204	2433	NA	NA
Mobile Intel Celeron 2.20GHz	226	2413	NA	NA
Mobile Intel Celeron 2.40GHz	239	2401	NA	NA
Mobile Intel Celeron 2.50GHz	281	2349	NA	NA
Mobile Intel Celeron 1200MHz	294	2324	NA	NA
Mobile Intel Celeron 1333MHz	309	2300	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2355	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2372	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2353	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2289	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2269	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2249	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2151	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2114	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2439	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2459	0.89	\$194.00
Mobile Intel Pentium 4 - M 1.80GHz	186	2447	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2408	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2435	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	211	2426	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2423	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2380	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2292	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2425	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2437	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2390	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2329	NA	NA
Mobile Intel Pentium III - M 1200MHz	263	2373	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2330	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Quad-Core AMD Opteron 1385	3442	858	63.75	\$54.00
Quad-Core AMD Opteron 1389	3046	967	NA	NA
VIA C3 Ezra	100	2486	NA	NA
VIA C7 1500MHz	284	2343	NA	NA
VIA C7-D 1500MHz	287	2338	NA	NA
VIA C7-D 1800MHz	201	2436	NA	NA
VIA C7-D 2000MHz	368	2234	NA	NA
VIA C7-M 1000MHz	164	2463	NA	NA
VIA C7-M 1200MHz	141	2474	NA	NA
VIA C7-M 1600MHz	185	2449	NA	NA
VIA C7-M 6300MHz	222	2415	NA	NA
VIA Eden 800MHz	155	2467	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2112	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	1738	NA	NA
VIA Esther 1000MHz	169	2461	NA	NA
VIA Esther 1300MHz	250	2389	NA	NA
VIA Esther 1500MHz	219	2418	NA	NA
VIA Esther 2000MHz	394	2205	NA	NA
VIA Nano L1900@1400MHz	457	2132	NA	NA
VIA Nano L2007@1600MHz	381	2218	NA	NA
VIA Nano L2100@1800MHz	428	2165	NA	NA
VIA Nano L2207@1600MHz	296	2321	NA	NA
VIA Nano L3025@1600MHz	517	2077	NA	NA
VIA Nano L3050@1800MHz	581	2038	NA	NA
VIA Nano L3600@2000MHz	645	2008	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2222	NA	NA
VIA Nano U2250@1300+MHz	274	2362	NA	NA
VIA Nano U2500@1200MHz	306	2304	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2090	NA	NA
VIA Nano U3300@1200MHz	409	2180	NA	NA
VIA Nano U3500@1000MHz	275	2359	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	639	2011	NA	NA
VIA Nehemiah	155	2468	NA	NA
VIA QuadCore C4650@2.0GHz	1940	1339	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1609	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	1718	NA	NA
VIA Samuel 2	79	2488	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	207	24.17	\$317.40*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	69	14.78	\$1,194.96
[Dual CPU] AMD Athlon 64 FX-72	3163	297	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2947	303	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	346	NA	NA
[Dual CPU] AMD Opteron 246	1130	335	5.19	\$217.90*
[Dual CPU] AMD Opteron 248	1053	336	43.88	\$24.00
[Dual CPU] AMD Opteron 250	1438	332	59.92	\$24.00*
[Dual CPU] AMD Opteron 252	1385	333	10.93	\$126.72
[Dual CPU] AMD Opteron 254	816	341	NA	NA
[Dual CPU] AMD Opteron 256	1853	329	NA	NA
[Dual CPU] AMD Opteron 270	2226	325	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	327	9.79	\$217.90
[Dual CPU] AMD Opteron 280	2514	317	1.58	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	312	NA	NA
[Dual CPU] AMD Opteron 290	2807	309	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	306	NA	NA
[Dual CPU] AMD Opteron 2212	2277	324	94.88	\$24.00



CPU Name	Passmark CPU Mark (higher is better) ↕	Rank (lower is better) ⬆	CPU Value (higher is better) ⬆	Price (USD) ⬆
[Dual CPU] AMD Opteron 2214 HE	2463	319	NA	NA
[Dual CPU] AMD Opteron 2216	2485	318	6.98	\$356.00
[Dual CPU] AMD Opteron 2216 HE	2593	315	NA	NA
[Dual CPU] AMD Opteron 2218	2719	313	21.46	\$126.72
[Dual CPU] AMD Opteron 2218 HE	2514	316	NA	NA
[Dual CPU] AMD Opteron 2220	2850	307	30.20	\$94.38
[Dual CPU] AMD Opteron 2220 SE	2882	305	75.84	\$38.00
[Dual CPU] AMD Opteron 2222	2951	302	0.89	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	295	116.32	\$28.00
[Dual CPU] AMD Opteron 2346 HE	4095	286	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3313	294	7.02	\$471.66*
[Dual CPU] AMD Opteron 2350	4090	287	7.57	\$539.98*
[Dual CPU] AMD Opteron 2354	4566	276	6.94	\$657.56*
[Dual CPU] AMD Opteron 2356	4487	278	32.13	\$139.66*
[Dual CPU] AMD Opteron 2360 SE	5315	261	189.82	\$28.00
[Dual CPU] AMD Opteron 2374 HE	4799	274	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	263	174.60	\$30.00
[Dual CPU] AMD Opteron 2378	5559	258	15.53	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	250	115.08	\$50.00
[Dual CPU] AMD Opteron 2384	5977	246	3.56	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6441	234	NA	NA
[Dual CPU] AMD Opteron 2389	5728	251	10.12	\$566.00*
[Dual CPU] AMD Opteron 2419	5571	257	27.86	\$199.98*
[Dual CPU] AMD Opteron 2425 HE	6209	239	NA	NA
[Dual CPU] AMD Opteron 2427	6044	242	31.76	\$190.28*
[Dual CPU] AMD Opteron 2431	6733	228	90.99	\$74.00
[Dual CPU] AMD Opteron 2435	7241	217	30.07	\$240.80*
[Dual CPU] AMD Opteron 2439 SE	8093	192	44.97	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	288	16.31	\$249.98
[Dual CPU] AMD Opteron 4130	5828	248	9.43	\$617.90
[Dual CPU] AMD Opteron 4170 HE	6254	238	9.20	\$679.90
[Dual CPU] AMD Opteron 4184	7848	200	7.55	\$1,039.90
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 4226	8088	193	8.64	\$936.14*
[Dual CPU] AMD Opteron 4228 HE	7986	196	NA	NA
[Dual CPU] AMD Opteron 4234	9361	165	15.57	\$601.40*
[Dual CPU] AMD Opteron 4276 HE	9681	159	NA	NA
[Dual CPU] AMD Opteron 4280	4525	277	4.96	\$912.88*
[Dual CPU] AMD Opteron 4284	7833	201	10.96	\$714.60*
[Dual CPU] AMD Opteron 4334	9468	163	23.09	\$409.98
[Dual CPU] AMD Opteron 4340	10419	142	NA	NA
[Dual CPU] AMD Opteron 4376 HE	10244	146	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11888	116	15.08	\$788.24*
[Dual CPU] AMD Opteron 6128	6881	226	16.17	\$425.58
[Dual CPU] AMD Opteron 6132 HE	8657	180	NA	NA
[Dual CPU] AMD Opteron 6136	7255	215	10.10	\$718.00
[Dual CPU] AMD Opteron 6164 HE	5109	266	NA	NA
[Dual CPU] AMD Opteron 6168	7741	205	40.68	\$190.28
[Dual CPU] AMD Opteron 6172	7536	210	35.59	\$211.76
[Dual CPU] AMD Opteron 6174	8776	177	59.54	\$147.40
[Dual CPU] AMD Opteron 6180 SE	3114	298	NA	NA
[Dual CPU] AMD Opteron 6204	7134	219	NA	NA
[Dual CPU] AMD Opteron 6212	8955	170	21.37	\$419.00
[Dual CPU] AMD Opteron 6220	10402	144	23.79	\$437.18*
[Dual CPU] AMD Opteron 6234	10504	138	13.13	\$799.98*
[Dual CPU] AMD Opteron 6238	11024	131	5.07	\$2,176.22*
[Dual CPU] AMD Opteron 6272	10026	152	15.42	\$650.00
[Dual CPU] AMD Opteron 6274	10682	135	5.88	\$1,817.90
[Dual CPU] AMD Opteron 6275	9936	155	NA	NA
[Dual CPU] AMD Opteron 6276	10504	139	14.43	\$728.02
[Dual CPU] AMD Opteron 6284 SE	11985	115	NA	NA
[Dual CPU] AMD Opteron 6308	8351	185	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10914	133	17.47	\$624.90
[Dual CPU] AMD Opteron 6328	11704	122	10.45	\$1,120.00
[Dual CPU] AMD Opteron 6344	11178	130	12.19	\$916.94
[Dual CPU] AMD Opteron 6348	11412	128	5.97	\$1,911.56
[Dual CPU] AMD Opteron 6376	10405	143	7.02	\$1,482.76
[Dual CPU] AMD Opteron 6378	2905	304	1.54	\$1,892.04
[Dual CPU] AMD Opteron 6380	14200	95	6.15	\$2,310.00
[Dual CPU] AMD Opteron 6386 SE	10764	134	2.24	\$4,815.02*
[Dual CPU] AMD Opteron 8218	2831	308	0.85	\$3,312.70*
[Dual CPU] AMD Opteron 8222 SE	2792	311	0.52	\$5,377.08
[Dual CPU] AMD Opteron 8354	3223	296	134.29	\$24.00
[Dual CPU] AMD Opteron 8380	5643	253	13.70	\$412.00*
[Dual CPU] AMD Opteron 8381 HE	5210	264	NA	NA
[Dual CPU] AMD Opteron 8389	6517	233	12.23	\$532.82*
[Dual CPU] AMD Opteron 8431	5813	249	20.04	\$290.00*
[Dual CPU] AMD Opteron 8435	7606	208	28.17	\$270.00*
[Dual CPU] AMD Opteron 8439 SE	7810	203	NA	NA
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	334	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	322	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	291	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	8220	190	4.13	\$1,990.00*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	355	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	353	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	349	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	539	351	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	356	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	357	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	354	NA	NA



CPU Name	Passmark CPU Mark (higher is better) ↕	Rank (lower is better) ^	CPU Value (higher is better) ^	Price (USD) ↕
[Dual CPU] Intel Xeon 2.40GHz	482	352	26.48	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	347	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	672	343	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	785	342	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	345	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	859	340	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	893	339	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	921	338	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1857	328	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	996	337	0.59	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2186	326	54.68	\$39.98
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2320	321	18.56	\$125.00
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2617	314	81.83	\$31.98
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	299	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	3001	300	100.10	\$29.98
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	301	37.50	\$79.98
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3465	292	108.35	\$31.98*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3865	289	89.88	\$43.00
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	5988	245	13.02	\$460.00
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7387	212	12.94	\$570.94
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11832	119	15.17	\$780.00
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11725	121	10.47	\$1,119.88
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	100	11.71	\$1,164.56*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	14265	93	11.37	\$1,254.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	109	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	99	71.51	\$191.84
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11876	117	NA	NA
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	79	5.61	\$2,959.98*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	64	5.82	\$3,193.30*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6259	237	13.74	\$455.38
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	232	17.00	\$383.52
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8362	184	18.35	\$455.60
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8802	176	NA	NA
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8206	191	19.32	\$424.82
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8672	179	10.24	\$847.28
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9885	156	17.04	\$580.00
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10966	132	NA	NA
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12569	108	43.32	\$290.12
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13496	103	16.67	\$809.36
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15349	85	19.19	\$800.00
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	17009	75	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	13914	96	12.27	\$1,133.68*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	11690	123	12.18	\$959.64*
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13805	98	10.04	\$1,375.02
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16298	80	11.92	\$1,367.58
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18652	62	15.67	\$1,190.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18597	63	NA	NA
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	10641	137	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	101	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15176	87	NA	NA
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	16247	81	7.45	\$2,179.40
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16734	78	8.05	\$2,080.00
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	17156	73	7.88	\$2,176.20
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14782	89	41.91	\$352.70
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14523	91	9.03	\$1,609.00
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20797	52	10.66	\$1,950.48
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	21597	47	NA	NA
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13491	104	4.03	\$3,345.40
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21447	48	4.87	\$4,400.00*
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	20871	51	6.49	\$3,218.00*
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21756	46	NA	NA
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12233	111	NA	NA
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15158	88	58.12	\$260.80
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19335	60	14.97	\$1,291.46
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20550	53	9.69	\$2,120.00
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	21938	43	NA	NA
[Dual CPU] Intel Xeon E5-2650 v4@ 2.20GHz	23330	34	NA	NA
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	92	NA	NA
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	12577	107	NA	NA
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18096	68	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16985	76	61.93	\$274.24
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18402	65	9.62	\$1,913.82*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	23388	33	9.00	\$2,600.00
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	24110	29	NA	NA
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23075	38	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17648	70	62.14	\$284.00
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	20	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17014	74	10.88	\$1,563.92
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	23157	35	3.62	\$6,400.00*
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23107	37	5.11	\$4,520.00
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	25004	19	NA	NA
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18337	66	63.14	\$290.40
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	22062	42	6.30	\$3,500.00*
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22319	41	6.79	\$3,285.36
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23605	31	NA	NA
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	6	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	20381	55	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21900	44	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	5	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18275	67	38.07	\$480.00
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) ↕
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	23128	36	8.52	\$2,715.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	25287	17	7.21	\$3,505.30
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	26953	13	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21836	45	5.50	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24709	22	6.50	\$3,799.98
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	23025	39	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	25017	18	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	21228	50	12.38	\$1,715.20
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	24501	26	7.63	\$3,210.00
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24631	23	5.61	\$4,390.40
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	27026	12	NA	NA
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	20362	57	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	23547	32	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	20378	56	17.45	\$1,167.48
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	24189	28	4.48	\$5,394.02*
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	26283	14	6.88	\$3,818.00
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27712	10	6.63	\$4,180.00*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20546	54	5.27	\$3,900.00
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	25594	16	5.20	\$4,920.84
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24278	27	4.31	\$5,637.48
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	24548	24	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	29022	7	5.81	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31329	3	NA	NA
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23935	30	5.01	\$4,779.02
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28701	9	6.23	\$4,610.00
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	28990	8	5.00	\$5,800.00
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	26037	15	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29999	4	5.64	\$5,320.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	33192	2	5.14	\$6,452.00*
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	24819	21	3.64	\$6,820.00*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	36122	1	10.26	\$3,520.00*
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	59	NA	NA
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	61	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19753	58	8.23	\$2,400.00
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	11	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	112	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	83	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	40	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	17541	71	2.66	\$6,587.58*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	323	22.79	\$100.00
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3667	290	36.67	\$100.00
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4157	285	25.19	\$165.00*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	269	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4594	275	24.67	\$186.20*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5157	265	3.70	\$1,394.00
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5261	262	13.35	\$394.02
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6090	241	14.71	\$414.02
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6430	235	22.64	\$284.02
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6923	224	26.10	\$265.20*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7258	214	80.66	\$89.98*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7690	206	44.08	\$174.44*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7243	216	17.33	\$417.90*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7865	199	18.33	\$429.06*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2425	320	34.64	\$70.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	310	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4933	270	41.11	\$120.00*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5080	267	63.74	\$79.70
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5584	256	6.07	\$920.00*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7471	211	53.39	\$139.92
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7757	204	11.41	\$679.90*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	8055	194	126.14	\$63.86
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4261	283	7.45	\$572.02
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5594	255	55.94	\$100.00
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	6003	243	22.23	\$270.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8237	189	171.60	\$48.00
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8480	182	57.46	\$147.58*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8907	174	86.63	\$102.82
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10494	140	66.42	\$158.00
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10656	136	117.43	\$90.74
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	259	136.17	\$39.98*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	279	20.32	\$219.98
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	282	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	271	91.25	\$53.60*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	254	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6163	240	91.99	\$67.00
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6541	231	36.34	\$179.98
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6600	230	22.99	\$287.10*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	225	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	7001	223	35.01	\$200.00*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	197	NA	NA
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7052	221	50.37	\$140.00*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	171	7.55	\$1,186.00*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9618	160	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	10036	151	52.83	\$189.98
[Dual CPU] Intel Xeon MP 2.50GHz	550	348	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	350	0.78	\$690.48*
[Dual CPU] Intel Xeon MP 3.00GHz	636	344	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1538	330	NA	NA
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	149	49.58	\$203.90*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10443	141	19.34	\$539.98*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	145	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4826	273	15.08	\$320.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	272	14.82	\$330.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5901	247	14.31	\$412.48*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6352	236	15.99	\$397.18
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7582	209	61.15	\$124.00*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7993	195	40.46	\$197.56
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8292	187	41.48	\$199.90
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7825	202	17.39	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8415	183	84.85	\$99.18
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8928	173	3.21	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	9093	167	73.33	\$124.00*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9136	166	130.51	\$70.00
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9595	161	97.91	\$98.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9939	153	28.40	\$350.00*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11607	126	96.79	\$119.92
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11843	118	118.45	\$99.98
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	175	32.66	\$270.00
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12631	106	92.89	\$135.98
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10125	148	52.73	\$192.00
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12793	105	37.63	\$340.00
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11619	125	16.60	\$700.00
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	102	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13831	97	38.52	\$359.04
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	12101	113	31.41	\$385.26*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	14211	94	34.66	\$410.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8974	169	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6640	229	92.25	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	178	41.21	\$211.60*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	154	18.33	\$542.12
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	124	38.93	\$298.74
[Dual CPU] Quad-Core AMD Opteron 2352	4258	284	98.93	\$43.04
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	268	13.63	\$370.00
[Dual CPU] Quad-Core AMD Opteron 8350	4290	281	9.75	\$440.00
[Dual CPU] Quad-Core AMD Opteron 8356	4376	280	10.27	\$426.00*
[Dual CPU] Quad-Core AMD Opteron 8378	5382	260	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	227	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	252	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5997	244	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	186	NA	NA
[Quad CPU] AMD Opteron 6136	9767	157	6.80	\$1,436.00
[Quad CPU] AMD Opteron 6272	10069	150	7.75	\$1,300.00
[Quad CPU] AMD Opteron 6274	11383	129	3.13	\$3,635.80
[Quad CPU] AMD Opteron 6276	15342	86	10.54	\$1,456.04
[Quad CPU] AMD Opteron 6278	12055	114	4.35	\$2,770.00*
[Quad CPU] AMD Opteron 6376	14681	90	4.95	\$2,965.52
[Quad CPU] AMD Opteron 8360 SE	7915	198	94.23	\$84.00*
[Quad CPU] AMD Opteron 8382	8553	181	101.82	\$84.00
[Quad CPU] AMD Opteron 8425 HE	7359	213	NA	NA
[Quad CPU] AMD Opteron 8431	8252	188	14.23	\$580.00*
[Quad CPU] AMD Opteron 8435	7099	220	13.15	\$540.00*
[Quad CPU] AMD Opteron 8439 SE	8943	172	NA	NA
[Quad CPU] Intel Xeon 3.00GHz	1472	331	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	293	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	77	NA	NA
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24511	25	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	49	4.45	\$4,800.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	82	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	72	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	11752	120	2.59	\$4,538.76
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	222	20.65	\$340.00
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	147	28.32	\$359.96
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9444	164	13.18	\$716.76*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	168	10.76	\$839.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	158	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	162	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12302	110	29.07	\$423.20*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	127	10.60	\$1,084.24
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	15414	84	25.80	\$597.48
[Quad CPU] Quad-Core AMD Opteron 8356	7170	218	8.42	\$852.00*

\* - Last price seen from our affiliates.

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