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CPU Benchmarks

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CPU List

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

Single CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2432	NA	NA
AMD A4 Micro-6400T APU	1544	1625	NA	NA
AMD A4 PRO-3340B	2402	1252	NA	NA
AMD A4 PRO-7300B APU	2342	1271	NA	NA
AMD A4 PRO-7350B	2794	1129	NA	NA
AMD A4-1200 APU	638	2109	NA	NA
AMD A4-1250 APU	610	2122	NA	NA
AMD A4-3300 APU	1510	1641	71.54	\$21.11
AMD A4-3300M APU	1183	1811	39.46	\$29.99*
AMD A4-3305M APU	1223	1792	40.78	\$30.00*
AMD A4-3310MX APU	1299	1740	NA	NA
AMD A4-3320M APU	1247	1779	40.24	\$31.00*
AMD A4-3330MX APU	1217	1795	NA	NA
AMD A4-3400 APU	1597	1605	29.43	\$54.27
AMD A4-3420 APU	1677	1561	NA	NA
AMD A4-4000 APU	1810	1492	36.07	\$50.19
AMD A4-4020 APU	1872	1470	26.80	\$69.88
AMD A4-4300M APU	1613	1596	40.47	\$39.86*
AMD A4-4355M APU	1163	1822	NA	NA
AMD A4-5000 APU	1902	1446	NA	NA
AMD A4-5050 APU	2180	1340	NA	NA
AMD A4-5100 APU	2082	1377	NA	NA
AMD A4-5150M APU	1820	1489	NA	NA
AMD A4-5300 APU	1999	1406	34.08	\$58.66
AMD A4-5300B APU	2070	1383	54.48	\$38.00*
AMD A4-6210 APU	2139	1355	NA	NA
AMD A4-6250J APU	2556	1202	NA	NA
AMD A4-6300 APU	2228	1322	53.71	\$41.49
AMD A4-6300B APU	2098	1372	20.98	\$100.00*
AMD A4-6320 APU	2322	1276	42.31	\$54.90*
AMD A4-7210 APU	2522	1213	NA	NA
AMD A4-7300 APU	2280	1300	54.74	\$41.67



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-9120	1677	1562	NA	NA
AMD A6 Micro-6500T APU	1834	1482	NA	NA
AMD A6 PRO-7050B APU	1549	1622	NA	NA
AMD A6 PRO-7400B	2721	1153	NA	NA
AMD A6-1450 APU	1524	1635	NA	NA
AMD A6-3400M APU	1896	1449	54.25	\$34.96*
AMD A6-3410MX APU	2062	1384	68.79	\$29.99*
AMD A6-3420M APU	2017	1401	NA	NA
AMD A6-3430MX APU	2225	1325	NA	NA
AMD A6-3500 APU	2005	1405	50.14	\$39.99*
AMD A6-3600 APU	2711	1156	18.08	\$149.99*
AMD A6-3620 APU	2822	1120	47.04	\$59.99*
AMD A6-3650 APU	3164	1014	39.80	\$79.50*
AMD A6-3670 APU	3202	1003	30.02	\$106.70*
AMD A6-4400M APU	1627	1590	40.84	\$39.86*
AMD A6-4455M APU	1279	1759	NA	NA
AMD A6-5200 APU	2409	1248	NA	NA
AMD A6-5345M APU	1481	1652	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5350M APU	1911	1441	31.88	\$59.95*
AMD A6-5357M APU	1888	1456	NA	NA
AMD A6-5400B APU	2188	1336	20.83	\$105.04*
AMD A6-5400K APU	2143	1354	30.79	\$69.63
AMD A6-6310 APU	2422	1243	NA	NA
AMD A6-6400B APU	2281	1299	NA	NA
AMD A6-6400K APU	2285	1296	45.28	\$50.46
AMD A6-6420B APU	2612	1181	NA	NA
AMD A6-6420K APU	2282	1298	33.07	\$69.00*
AMD A6-7000	1666	1572	NA	NA
AMD A6-7310 APU	2682	1164	NA	NA
AMD A6-7400K APU	2792	1130	53.66	\$52.04
AMD A6-7470K	2822	1119	44.49	\$63.45
AMD A6-8500P	2183	1339	NA	NA
AMD A6-8550	3104	1031	NA	NA
AMD A6-9210	1936	1433	NA	NA
AMD A6-9220	2315	1279	NA	NA
AMD A6-9230	2486	1224	NA	NA
AMD A6-9500	3219	994	46.67	\$69.00
AMD A8 PRO-7150B APU	2728	1152	NA	NA
AMD A8 PRO-7600B APU	4851	650	NA	NA
AMD A8-3500M APU	1973	1416	28.22	\$69.95
AMD A8-3510MX APU	2387	1257	NA	NA
AMD A8-3520M APU	2184	1338	NA	NA
AMD A8-3530MX APU	2380	1261	NA	NA
AMD A8-3550MX APU	2629	1175	NA	NA
AMD A8-3800 APU	3063	1045	18.02	\$169.99*
AMD A8-3820 APU	3151	1020	25.21	\$124.99*
AMD A8-3850 APU	3481	928	17.41	\$199.99*
AMD A8-3870K APU	3578	903	17.76	\$201.54
AMD A8-4500M APU	2661	1167	NA	NA
AMD A8-4555M APU	2125	1360	NA	NA
AMD A8-5500 APU	3986	810	30.90	\$129.00*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-5500B APU	3933	821	NA	NA
AMD A8-5545M APU	2574	1198	NA	NA
AMD A8-5550M APU	2990	1067	NA	NA
AMD A8-5557M APU	2959	1076	NA	NA
AMD A8-5600K APU	4328	747	41.23	\$105.00
AMD A8-6410 APU	2545	1204	NA	NA
AMD A8-6500 APU	4379	734	27.21	\$160.99*
AMD A8-6500B APU	4591	692	NA	NA
AMD A8-6500T APU	3221	993	NA	NA
AMD A8-6600K APU	4575	697	17.60	\$259.95
AMD A8-7050	1986	1414	NA	NA
AMD A8-7100 APU	2828	1117	NA	NA
AMD A8-7200P	3315	968	NA	NA
AMD A8-7410 APU	2719	1154	NA	NA
AMD A8-7600 APU	5117	608	70.85	\$72.23
AMD A8-7650K	4923	640	50.60	\$97.31
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7670K	5065	614	40.36	\$125.51
AMD A8-8600P	3265	981	NA	NA
AMD A8-8650	5487	559	NA	NA
AMD A8-9600	5086	610	72.67	\$69.99
AMD A9-9400	2209	1328	NA	NA
AMD A9-9410	2610	1182	NA	NA
AMD A9-9420	2408	1250	NA	NA
AMD A10 Micro-6700T APU	1890	1453	NA	NA
AMD A10 PRO-7350B APU	3247	988	NA	NA
AMD A10 PRO-7800B APU	5409	572	NA	NA
AMD A10 PRO-7850B APU	5480	560	NA	NA
AMD A10-4600M APU	3112	1029	NA	NA
AMD A10-4655M APU	2583	1192	NA	NA
AMD A10-4657M APU	2906	1089	NA	NA
AMD A10-5700 APU	4206	765	8.17	\$514.70*
AMD A10-5745M APU	2762	1140	NA	NA
AMD A10-5750M APU	3340	961	NA	NA
AMD A10-5757M APU	3081	1035	NA	NA
AMD A10-5800B APU	4575	696	NA	NA
AMD A10-5800K APU	4638	680	36.81	\$125.99*
AMD A10-6700 APU	4601	689	30.68	\$149.99*
AMD A10-6700T APU	3702	876	26.45	\$139.99
AMD A10-6790K APU	4694	672	22.70	\$206.82*
AMD A10-6800B APU	4999	625	NA	NA
AMD A10-6800K APU	4878	644	23.71	\$205.76*
AMD A10-7300 APU	2916	1087	NA	NA
AMD A10-7400P	3638	888	NA	NA
AMD A10-7700K APU	5144	600	33.43	\$153.89
AMD A10-7800 APU	5021	621	47.83	\$104.99*
AMD A10-7850K APU	5492	556	33.76	\$162.70
AMD A10-7860K	5134	604	53.38	\$96.19
AMD A10-7870K	5489	558	31.57	\$173.89*
AMD A10-7890K	5755	525	31.61	\$182.07*
AMD A10-8700P	3458	934	NA	NA
AMD A10-8750	5167	598	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-8850	5613	542	NA	NA
AMD A10-9600P	3806	849	NA	NA
AMD A10-9620P	3883	830	NA	NA
AMD A10-9630P	4404	731	NA	NA
AMD A10-9700	5534	551	61.50	\$89.99
AMD A12-9700P	3803	850	NA	NA
AMD A12-9720P	4078	789	NA	NA
AMD A12-9730P	4258	756	NA	NA
AMD A12-9800	5659	535	51.46	\$109.99
AMD A12-9800E	5520	553	49.17	\$112.27
AMD Athlon64 X2 Dual Core 3800+	997	1920	NA	NA
AMD Athlon64 X2 Dual Core 4200+	1006	1911	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	1851	NA	NA
AMD Athlon 4	279	2451	4.43	\$63.21
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 2000+	116	2583	NA	NA
AMD Athlon 64 2200+	575	2140	NA	NA
AMD Athlon 64 2600+	374	2325	NA	NA
AMD Athlon 64 2800+	438	2250	4.38	\$99.99*
AMD Athlon 64 3000+	461	2226	5.43	\$84.95
AMD Athlon 64 3200+	491	2194	3.28	\$149.95*
AMD Athlon 64 3300+	576	2139	NA	NA
AMD Athlon 64 3400+	547	2153	NA	NA
AMD Athlon 64 3500+	540	2159	9.15	\$59.00
AMD Athlon 64 3600+	601	2128	NA	NA
AMD Athlon 64 3700+	599	2129	8.69	\$69.00*
AMD Athlon 64 3800+	588	2133	4.21	\$139.95
AMD Athlon 64 4000+	606	2123	7.58	\$79.99*
AMD Athlon 64 FX-25	794	2037	NA	NA
AMD Athlon 64 FX-34	380	2318	NA	NA
AMD Athlon 64 FX-51	437	2253	NA	NA
AMD Athlon 64 FX-53	646	2103	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2067	4.01	\$179.95
AMD Athlon 64 FX-57	730	2061	NA	NA
AMD Athlon 64 FX-59	715	2071	NA	NA
AMD Athlon 64 FX-60 Dual Core	1284	1754	NA	NA
AMD Athlon 64 FX-62 Dual Core	1571	1618	NA	NA
AMD Athlon 64 FX-72	1794	1501	NA	NA
AMD Athlon 64 FX-74	1495	1648	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	1954	NA	NA
AMD Athlon 64 X2 4200+	1285	1753	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1706	3.90	\$349.95*
AMD Athlon 64 X2 Dual Core 3400+	1003	1914	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	972	1936	16.21	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1002	1915	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1041	1886	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	1856	8.46	\$129.95*
AMD Athlon 64 X2 Dual Core 4400+	1146	1835	19.11	\$60.00
AMD Athlon 64 X2 Dual Core 4600+	1223	1790	3.40	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1259	1771	7.87	\$159.95
AMD Athlon 64 X2 Dual Core 5000+	1310	1731	3.95	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	1697	26.03	\$53.09*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core 5400+	1448	1670	27.34	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1476	1654	9.85	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1536	1629	38.89	\$39.50*
AMD Athlon 64 X2 Dual Core 6000+	1603	1602	49.33	\$32.50
AMD Athlon 64 X2 Dual Core 6400+	1794	1500	22.45	\$79.95
AMD Athlon 64 X2 Dual Core BE-230	1095	1859	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	1868	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	1885	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2016	24.03	\$34.95*
AMD Athlon 64 X2 Dual Core TK-55	839	2017	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	1938	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	1995	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual-Core TK-53	812	2031	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	880	1994	12.11	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	921	1975	NA	NA
AMD Athlon 64 X2 QL-60	928	1971	NA	NA
AMD Athlon 64 X2 QL-62	1017	1902	NA	NA
AMD Athlon 64 X2 QL-64	983	1930	NA	NA
AMD Athlon 64 X2 QL-65	1041	1888	NA	NA
AMD Athlon 64 X2 QL-66	945	1960	NA	NA
AMD Athlon 64 X2 QL-67	1006	1910	NA	NA
AMD Athlon 64 X2 TK-55	955	1955	NA	NA
AMD Athlon 64 X2 TK-57	988	1928	NA	NA
AMD Athlon 1500+	294	2424	NA	NA
AMD Athlon 1640B	668	2095	13.36	\$50.00*
AMD Athlon 1700+	349	2354	NA	NA
AMD Athlon 2000+	390	2311	NA	NA
AMD Athlon 2100+	412	2276	NA	NA
AMD Athlon 2200+	363	2341	4.55	\$79.99*
AMD Athlon 2400+	462	2224	NA	NA
AMD Athlon 2500+	374	2324	4.41	\$84.99*
AMD Athlon 2600+	444	2245	4.23	\$104.95*
AMD Athlon 2650e	406	2286	21.38	\$19.00*
AMD Athlon 2800+	447	2242	8.96	\$49.99*
AMD Athlon 2850e	498	2188	NA	NA
AMD Athlon 3100+	485	2205	NA	NA
AMD Athlon 3200+	458	2229	6.01	\$76.25*
AMD Athlon 5000 Dual-Core	1290	1749	12.91	\$99.95*
AMD Athlon 5150 APU	2090	1375	19.36	\$108.00
AMD Athlon 5200 Dual-Core	1236	1783	13.69	\$90.33*
AMD Athlon 5350 APU	2593	1188	12.87	\$201.49
AMD Athlon 5370 APU	2874	1106	45.12	\$63.70*
AMD Athlon 7450 Dual-Core	1428	1677	NA	NA
AMD Athlon 7550 Dual-Core	1459	1664	24.32	\$60.00*
AMD Athlon 7750 Dual-Core	1578	1613	9.88	\$159.76*
AMD Athlon 7850 Dual-Core	1716	1536	8.19	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2434	NA	NA
AMD Athlon Dual Core 4050e	1086	1865	NA	NA
AMD Athlon Dual Core 4450B	1168	1819	68.71	\$17.00*
AMD Athlon Dual Core 4450e	1102	1854	NA	NA
AMD Athlon Dual Core 4850B	1471	1656	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 4850e	1314	1729	33.71	\$39.00*
AMD Athlon Dual Core 5000B	1296	1743	13.65	\$95.00*
AMD Athlon Dual Core 5050e	1345	1716	22.42	\$60.00*
AMD Athlon Dual Core 5200B	1327	1725	NA	NA
AMD Athlon Dual Core 5400B	1407	1686	NA	NA
AMD Athlon Dual Core 5600B	1304	1736	NA	NA
AMD Athlon II 160u	553	2152	18.46	\$29.99*
AMD Athlon II 170u	626	2115	20.91	\$29.95*
AMD Athlon II Dual-Core M300	1116	1841	NA	NA
AMD Athlon II Dual-Core M320	1141	1837	38.06	\$30.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II Dual-Core M340	1032	1892	NA	NA
AMD Athlon II N330 Dual-Core	1154	1827	NA	NA
AMD Athlon II N350 Dual-Core	1247	1778	NA	NA
AMD Athlon II N370 Dual-Core	1559	1620	NA	NA
AMD Athlon II Neo K125	474	2215	NA	NA
AMD Athlon II Neo K145	543	2155	NA	NA
AMD Athlon II Neo K325 Dual-Core	781	2039	30.09	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2007	NA	NA
AMD Athlon II Neo N36L Dual-Core	817	2028	NA	NA
AMD Athlon II P320 Dual-Core	1216	1796	60.97	\$19.95*
AMD Athlon II P340 Dual-Core	1251	1775	25.06	\$49.95*
AMD Athlon II P360 Dual-Core	1319	1728	65.96	\$20.00
AMD Athlon II X2 210e	1486	1650	NA	NA
AMD Athlon II X2 215	1582	1611	131.98	\$11.99*
AMD Athlon II X2 220	1631	1589	50.67	\$32.19
AMD Athlon II X2 225	1526	1634	NA	NA
AMD Athlon II X2 235e	1656	1576	19.69	\$84.11
AMD Athlon II X2 240	1644	1579	47.05	\$34.95
AMD Athlon II X2 240e	1706	1540	48.83	\$34.95*
AMD Athlon II X2 245	1685	1557	48.24	\$34.95*
AMD Athlon II X2 245e	1702	1543	21.28	\$80.00*
AMD Athlon II X2 250	1750	1518	25.03	\$69.95*
AMD Athlon II X2 250e	1949	1425	25.41	\$76.73*
AMD Athlon II X2 250u	1005	1912	25.16	\$39.95
AMD Athlon II X2 255	1841	1478	23.25	\$79.18*
AMD Athlon II X2 260	1878	1464	39.14	\$48.00*
AMD Athlon II X2 260u	1106	1853	13.26	\$83.44*
AMD Athlon II X2 265	1885	1459	22.75	\$82.88*
AMD Athlon II X2 270	1989	1412	19.90	\$99.99*
AMD Athlon II X2 270u	1350	1713	19.96	\$67.67*
AMD Athlon II X2 280	2167	1344	21.68	\$99.99*
AMD Athlon II X2 4300e	1464	1660	NA	NA
AMD Athlon II X2 4400e	1618	1592	NA	NA
AMD Athlon II X2 4450e	1504	1644	NA	NA
AMD Athlon II X2 B22	1711	1537	47.61	\$35.95*
AMD Athlon II X2 B24	1787	1503	44.75	\$39.95
AMD Athlon II X2 B26	1840	1479	52.67	\$34.95
AMD Athlon II X2 B28	2109	1367	49.05	\$43.00*
AMD Athlon II X3 400e	2018	1400	18.79	\$107.43*
AMD Athlon II X3 405e	2036	1392	25.46	\$79.99*
AMD Athlon II X3 415e	2247	1314	29.97	\$75.00*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 420e	2286	1295	19.68	\$116.15*
AMD Athlon II X3 425	2316	1278	55.21	\$41.96*
AMD Athlon II X3 425e	2239	1319	NA	NA
AMD Athlon II X3 435	2473	1229	61.91	\$39.95*
AMD Athlon II X3 440	2571	1201	54.77	\$46.95*
AMD Athlon II X3 445	2579	1195	28.35	\$91.00*
AMD Athlon II X3 450	2624	1176	58.39	\$44.95
AMD Athlon II X3 455	2772	1132	30.83	\$89.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 460	2871	1107	33.79	\$84.99*
AMD Athlon II X4 553	3814	845	NA	NA
AMD Athlon II X4 555	3830	839	NA	NA
AMD Athlon II X4 559	4166	778	NA	NA
AMD Athlon II X4 600e	2388	1256	18.34	\$130.23*
AMD Athlon II X4 605e	2743	1147	26.95	\$101.80*
AMD Athlon II X4 610e	2806	1126	40.10	\$69.99*
AMD Athlon II X4 615e	2891	1097	49.01	\$59.00*
AMD Athlon II X4 620	2946	1080	45.36	\$64.95*
AMD Athlon II X4 620e	2906	1090	NA	NA
AMD Athlon II X4 630	3144	1023	54.22	\$58.00
AMD Athlon II X4 631 Quad-Core	3154	1018	157.79	\$19.99*
AMD Athlon II X4 635	3256	985	46.55	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1004	NA	NA
AMD Athlon II X4 640	3323	967	41.57	\$79.95
AMD Athlon II X4 641 Quad-Core	3364	958	36.77	\$91.50*
AMD Athlon II X4 645	3486	925	34.89	\$99.95*
AMD Athlon II X4 650	3485	926	20.92	\$166.60*
AMD Athlon II X4 651 Quad-Core	3587	901	20.15	\$178.04*
AMD Athlon II X4 655	2880	1104	NA	NA
AMD Athlon II X4 6400e	2594	1187	NA	NA
AMD Athlon L110	306	2403	NA	NA
AMD Athlon LE-1600	561	2149	26.72	\$21.00*
AMD Athlon LE-1620	571	2144	31.75	\$18.00*
AMD Athlon LE-1640	626	2114	NA	NA
AMD Athlon LE-1660	676	2092	NA	NA
AMD Athlon MP	230	2508	4.20	\$54.95*
AMD Athlon MP 1700+	339	2366	NA	NA
AMD Athlon MP 2400+	436	2254	NA	NA
AMD Athlon MP 2800+	497	2190	NA	NA
AMD Athlon Neo MV-40	411	2278	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	1916	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2041	NA	NA
AMD Athlon Neo X2 Dual Core L335	816	2029	NA	NA
AMD Athlon QI-46	473	2216	NA	NA
AMD Athlon TF-20	416	2271	NA	NA
AMD Athlon TF-36	329	2374	NA	NA
AMD Athlon X2 215	1575	1617	NA	NA
AMD Athlon X2 235e	1806	1494	NA	NA
AMD Athlon X2 240	1575	1616	NA	NA
AMD Athlon X2 240e	1670	1566	NA	NA
AMD Athlon X2 250	1674	1563	NA	NA
AMD Athlon X2 255	1627	1591	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 280	2303	1287	13.17	\$174.81*
AMD Athlon X2 340 Dual Core	1889	1455	63.02	\$29.99*
AMD Athlon X2 370K Dual Core	2251	1313	NA	NA
AMD Athlon X2 440	1424	1680	NA	NA
AMD Athlon X2 Dual Core 3250e	771	2045	NA	NA
AMD Athlon X2 Dual Core 6850e	998	1919	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 Dual Core BE-2300	981	1932	NA	NA
AMD Athlon X2 Dual Core BE-2350	1098	1855	NA	NA
AMD Athlon X2 Dual Core BE-2400	1236	1784	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1774	NA	NA
AMD Athlon X2 Dual Core L310	641	2107	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	1909	NA	NA
AMD Athlon X3 425	2191	1334	NA	NA
AMD Athlon X3 435	2574	1199	26.96	\$95.49*
AMD Athlon X3 440	2078	1380	23.62	\$87.99*
AMD Athlon X3 445	2314	1280	NA	NA
AMD Athlon X3 450	3064	1042	38.80	\$78.99*
AMD Athlon X3 455	2401	1253	NA	NA
AMD Athlon X4 605e	2505	1218	NA	NA
AMD Athlon X4 620	2861	1108	44.06	\$64.95
AMD Athlon X4 635	2891	1096	23.71	\$121.99*
AMD Athlon X4 640	3172	1010	NA	NA
AMD Athlon X4 645	3595	898	NA	NA
AMD Athlon X4 740 Quad Core	4008	804	14.47	\$277.00*
AMD Athlon X4 750 Quad Core	4551	705	NA	NA
AMD Athlon X4 750K Quad Core	4238	758	55.05	\$76.99*
AMD Athlon X4 760K Quad Core	4580	695	40.45	\$113.24*
AMD Athlon X4 840	5051	616	64.16	\$78.74*
AMD Athlon X4 845	5423	569	105.77	\$51.28
AMD Athlon X4 860K	5466	564	58.90	\$92.80
AMD Athlon X4 870K	5295	589	64.58	\$82.01*
AMD Athlon X4 880K	5575	546	71.48	\$78.01*
AMD Athlon X4 950	5437	567	90.64	\$59.99
AMD Athlon XP1600+	281	2447	NA	NA
AMD Athlon XP1700+	234	2504	NA	NA
AMD Athlon XP1900+	353	2350	NA	NA
AMD Athlon XP2100+	287	2436	NA	NA
AMD Athlon XP2200+	401	2295	NA	NA
AMD Athlon XP2400+	391	2309	NA	NA
AMD Athlon XP 1500	282	2446	NA	NA
AMD Athlon XP 1500+	257	2478	NA	NA
AMD Athlon XP 1600+	267	2467	NA	NA
AMD Athlon XP 1700	344	2361	NA	NA
AMD Athlon XP 1700+	269	2464	NA	NA
AMD Athlon XP 1800+	300	2415	5.09	\$58.95*
AMD Athlon XP 1900+	312	2393	NA	NA
AMD Athlon XP 2000+	299	2416	12.00	\$24.99*
AMD Athlon XP 2100+	323	2377	NA	NA
AMD Athlon XP 2200+	327	2375	3.86	\$84.95*
AMD Athlon XP 2300+	464	2222	NA	NA
AMD Athlon XP 2400+	360	2343	4.01	\$89.99*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2500+	355	2347	NA	NA
AMD Athlon XP 2600+	372	2328	16.18	\$23.03*
AMD Athlon XP 2700+	393	2305	4.64	\$84.79*
AMD Athlon XP 2800+	398	2299	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2900+	459	2227	NA	NA
AMD Athlon XP 3000+	402	2294	5.15	\$78.00*
AMD Athlon XP 3100+	433	2261	NA	NA
AMD Athlon XP 3200+	432	2263	NA	NA
AMD Athlon XP 3400+	570	2145	NA	NA
AMD Athlon XP Pro3+	367	2335	NA	NA
AMD Athlon XP-M	541	2158	15.48	\$34.95
AMD C-30	310	2396	NA	NA
AMD C-50	463	2223	NA	NA
AMD C-60	448	2239	NA	NA
AMD C-60 APU	543	2156	NA	NA
AMD C-70 APU	569	2147	NA	NA
AMD E1 Micro-6200T APU	960	1952	NA	NA
AMD E1-1200 APU	663	2097	NA	NA
AMD E1-1500 APU	687	2086	NA	NA
AMD E1-2100 APU	628	2113	NA	NA
AMD E1-2200 APU	767	2047	NA	NA
AMD E1-2500 APU	887	1991	NA	NA
AMD E1-6010 APU	850	2009	NA	NA
AMD E1-6015 APU	889	1990	NA	NA
AMD E1-7010 APU	993	1924	NA	NA
AMD E2-1800 APU	820	2026	NA	NA
AMD E2-2000 APU	823	2023	NA	NA
AMD E2-3000 APU	1080	1871	NA	NA
AMD E2-3000M APU	1091	1861	54.57	\$20.00*
AMD E2-3200 APU	1435	1676	NA	NA
AMD E2-3800 APU	1633	1588	NA	NA
AMD E2-6110 APU	1900	1448	NA	NA
AMD E2-7110 APU	2280	1301	NA	NA
AMD E2-9000	1873	1467	NA	NA
AMD E2-9000e	1294	1745	NA	NA
AMD E2-9010	1921	1438	NA	NA
AMD E-240	318	2383	NA	NA
AMD E-300 APU	613	2121	NA	NA
AMD E-350	745	2056	NA	NA
AMD E-350 APU	773	2044	NA	NA
AMD E-350D APU	724	2065	NA	NA
AMD E-450 APU	769	2046	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1519	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2587	1190	NA	NA
AMD Embedded R-Series RX-216GD	2408	1249	NA	NA
AMD Embedded R-Series RX-421BD	4857	649	NA	NA
AMD EPYC 7351P	17991	35	NA	NA
AMD EPYC 7401P	18708	32	NA	NA
AMD FirePro A320 APU	4540	707	NA	NA
AMD FX-670K Quad-Core	4508	714	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-770K Quad-Core	4867	646	NA	NA
AMD FX-870K Quad Core	5143	601	NA	NA
AMD FX-4100 Quad-Core	4055	791	67.58	\$60.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-4130 Quad-Core	4163	781	54.08	\$76.99*
AMD FX-4150 Quad-Core	4587	693	NA	NA
AMD FX-4170 Quad-Core	4842	651	33.72	\$143.61*
AMD FX-4200 Quad-Core	4236	759	18.56	\$228.21*
AMD FX-4300 Quad-Core	4658	677	71.73	\$64.95
AMD FX-4320	5008	624	NA	NA
AMD FX-4330	5196	594	NA	NA
AMD FX-4350 Quad-Core	5313	586	64.02	\$82.99
AMD FX-6100 Six-Core	5416	570	28.51	\$189.99*
AMD FX-6120 Six-Core	5751	526	NA	NA
AMD FX-6130 Six-Core	6215	474	NA	NA
AMD FX-6200 Six-Core	6121	487	53.23	\$115.00
AMD FX-6300 Six-Core	6368	465	79.62	\$79.99
AMD FX-6330 Six-Core	6755	425	NA	NA
AMD FX-6350 Six-Core	6967	410	63.34	\$110.00
AMD FX-7500 APU	3218	996	NA	NA
AMD FX-7600P	4047	794	NA	NA
AMD FX-7600P APU	4627	684	NA	NA
AMD FX-8100 Eight-Core	6006	497	42.30	\$142.00*
AMD FX-8120 Eight-Core	6591	444	36.62	\$179.99*
AMD FX-8140 Eight-Core	5854	511	NA	NA
AMD FX-8150 Eight-Core	7625	358	35.47	\$214.99*
AMD FX-8300 Eight-Core	7697	354	77.05	\$99.90
AMD FX-8310 Eight-Core	7742	351	NA	NA
AMD FX-8320 Eight-Core	8020	332	77.98	\$102.85
AMD FX-8320E Eight-Core	7518	364	77.95	\$96.46
AMD FX-8350 Eight-Core	8945	271	78.47	\$113.99
AMD FX-8370 Eight-Core	9017	266	62.20	\$144.99
AMD FX-8370E Eight-Core	7791	345	39.52	\$197.14
AMD FX-8800P	4188	774	NA	NA
AMD FX-9370 Eight-Core	9512	224	45.39	\$209.58
AMD FX-9590 Eight-Core	10190	178	80.30	\$126.90
AMD FX-9800P	4025	798	NA	NA
AMD FX-9830P	4802	662	NA	NA
AMD FX-B4150 Quad-Core	4611	687	NA	NA
AMD G-T40E	485	2202	NA	NA
AMD G-T40N	516	2175	NA	NA
AMD G-T44R	227	2510	NA	NA
AMD G-T48E	716	2070	NA	NA
AMD G-T52R	303	2410	NA	NA
AMD G-T56E	751	2053	NA	NA
AMD G-T56N	783	2038	NA	NA
AMD Geode NX	264	2470	NA	NA
AMD Geode NX 1750	291	2425	NA	NA
AMD GX-210JA SOC	401	2296	NA	NA
AMD GX-212JC SOC	744	2057	NA	NA
AMD GX-217GA SOC	1106	1852	NA	NA
AMD GX-218GL SOC	1115	1842	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD GX-222GC SOC	1255	1773	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD GX-412HC	1462	1662	NA	NA
AMD GX-415GA SOC	1929	1437	NA	NA
AMD GX-420CA SOC	2299	1290	NA	NA
AMD GX-424CC SOC	2449	1233	NA	NA
AMD K7	403	2289	NA	NA
AMD Opteron 140	396	2300	0.67	\$595.50*
AMD Opteron 142	428	2267	NA	NA
AMD Opteron 144	511	2180	7.87	\$65.00*
AMD Opteron 146	532	2166	8.87	\$59.99*
AMD Opteron 148	603	2127	NA	NA
AMD Opteron 150	604	2125	NA	NA
AMD Opteron 152	658	2098	NA	NA
AMD Opteron 154	703	2079	NA	NA
AMD Opteron 165	899	1987	16.65	\$53.99*
AMD Opteron 170	1097	1857	NA	NA
AMD Opteron 175	1167	1820	NA	NA
AMD Opteron 180	1228	1788	9.45	\$129.95*
AMD Opteron 185	1371	1702	NA	NA
AMD Opteron 246	632	2111	12.64	\$49.99
AMD Opteron 248	476	2213	39.73	\$12.00
AMD Opteron 250	649	2102	59.01	\$11.00
AMD Opteron 252	760	2051	12.00	\$63.36*
AMD Opteron 254	693	2085	NA	NA
AMD Opteron 256	963	1946	NA	NA
AMD Opteron 265	963	1947	6.02	\$159.95*
AMD Opteron 270	1083	1867	1.78	\$607.47*
AMD Opteron 275	1291	1746	11.74	\$109.95
AMD Opteron 280	1272	1763	1.60	\$796.67*
AMD Opteron 285	1470	1657	NA	NA
AMD Opteron 290	1464	1659	10.85	\$135.00*
AMD Opteron 1210	923	1973	NA	NA
AMD Opteron 1210 HE	971	1937	NA	NA
AMD Opteron 1212	1015	1904	3.50	\$290.00*
AMD Opteron 1212 HE	1308	1732	NA	NA
AMD Opteron 1214	1191	1807	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1739	NA	NA
AMD Opteron 1216	1352	1712	24.66	\$54.85*
AMD Opteron 1216 HE	1172	1816	NA	NA
AMD Opteron 1218	1468	1658	NA	NA
AMD Opteron 1218 HE	1444	1672	NA	NA
AMD Opteron 1220	1653	1577	NA	NA
AMD Opteron 1222	1757	1516	NA	NA
AMD Opteron 1352	2368	1265	17.42	\$135.99*
AMD Opteron 1354	2608	1183	8.41	\$309.97*
AMD Opteron 1356	2765	1138	30.73	\$89.99*
AMD Opteron 1381	3065	1041	NA	NA
AMD Opteron 2212	1270	1765	105.89	\$12.00
AMD Opteron 2214	1358	1711	2.39	\$569.00*
AMD Opteron 2214 HE	1415	1683	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)
AMD Opteron 2216	1518	1640	8.53	\$178.00*
AMD Opteron 2218	1594	1607	49.18	\$32.42*
AMD Opteron 2220	1701	1547	1.15	\$1,475.16
AMD Opteron 2220 SE	1398	1689	73.58	\$19.00
AMD Opteron 2222	1843	1477	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1439	NA	NA
AMD Opteron 2350	2820	1122	10.45	\$269.99*
AMD Opteron 2356	2814	1123	188.25	\$14.95
AMD Opteron 2374 HE	2951	1077	15.53	\$189.99*
AMD Opteron 2376	2283	1297	152.20	\$15.00*
AMD Opteron 2378	3179	1008	17.76	\$179.00*
AMD Opteron 2380	2640	1171	105.64	\$25.00*
AMD Opteron 2384	3538	912	4.21	\$840.00*
AMD Opteron 2386 SE	3538	913	NA	NA
AMD Opteron 2393 SE	2246	1315	NA	NA
AMD Opteron 2427	3069	1039	32.26	\$95.14*
AMD Opteron 2431	4516	711	122.07	\$37.00
AMD Opteron 2435	4708	669	39.11	\$120.40*
AMD Opteron 3260 HE	3259	984	NA	NA
AMD Opteron 3280	5330	584	19.51	\$273.18*
AMD Opteron 3320 EE	2675	1165	NA	NA
AMD Opteron 3350 HE	4009	803	NA	NA
AMD Opteron 3365	5877	508	NA	NA
AMD Opteron 3380	6384	464	7.89	\$809.00*
AMD Opteron 4122	2942	1081	11.32	\$259.95
AMD Opteron 4162 EE	3166	1013	NA	NA
AMD Opteron 4184	4418	726	8.50	\$519.95*
AMD Opteron 4280	6430	459	14.09	\$456.44*
AMD Opteron 4284	6660	435	18.64	\$357.30*
AMD Opteron 4332 HE	5401	573	NA	NA
AMD Opteron 4365 EE	5025	620	NA	NA
AMD Opteron 6128	4542	706	62.17	\$73.06*
AMD Opteron 6134	2938	1082	4.93	\$595.95
AMD Opteron 6136	4631	683	12.90	\$359.00
AMD Opteron 6164 HE	5351	580	NA	NA
AMD Opteron 6174	6171	479	4.08	\$1,514.20
AMD Opteron 6212	5776	520	27.57	\$209.50*
AMD Opteron 6234	5979	499	14.95	\$399.99*
AMD Opteron 6238	7316	381	6.72	\$1,088.11*
AMD Opteron 6272	6748	426	35.71	\$189.00
AMD Opteron 6274	4865	648	5.35	\$908.95
AMD Opteron 6276	9011	267	36.93	\$244.00
AMD Opteron 6282 SE	9116	255	8.36	\$1,089.99*
AMD Opteron 6287 SE	9671	216	NA	NA
AMD Opteron 6328	7813	344	15.32	\$509.99
AMD Opteron 6366 HE	7503	366	NA	NA
AMD Opteron 6376	9414	233	13.86	\$679.48
AMD Opteron 6378	2152	1350	5.40	\$399.00
AMD Opteron 6380	10082	186	25.86	\$389.86
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6386 SE	10748	156	4.46	\$2,407.51*
AMD Opteron 8354	2255	1311	187.96	\$12.00
AMD Opteron 8439 SE	3813	846	NA	NA
AMD Opteron X3216 APU	2313	1281	NA	NA
AMD Opteron X3421 APU	5012	623	NA	NA
AMD Phenom 2 X4 12000	3005	1061	NA	NA
AMD Phenom 7950 Quad-Core	2991	1066	NA	NA
AMD Phenom 8250 Triple-Core	1644	1580	NA	NA
AMD Phenom 8250e Triple-Core	1602	1603	34.10	\$46.99*
AMD Phenom 8400 Triple-Core	1643	1581	NA	NA
AMD Phenom 8450 Triple-Core	1885	1460	62.96	\$29.95*
AMD Phenom 8450e Triple-Core	2035	1393	NA	NA
AMD Phenom 8600 Triple-Core	1697	1549	32.04	\$52.99*
AMD Phenom 8600B Triple-Core	1945	1428	36.71	\$52.99*
AMD Phenom 8650 Triple-Core	1992	1411	39.85	\$49.99*
AMD Phenom 8750 Triple-Core	2078	1379	NA	NA
AMD Phenom 8750B Triple-Core	2077	1381	NA	NA
AMD Phenom 8850 Triple-Core	2109	1366	NA	NA
AMD Phenom 8850B Triple-Core	2080	1378	NA	NA
AMD Phenom 9100e Quad-Core	1836	1481	45.96	\$39.95*
AMD Phenom 9150e Quad-Core	2124	1361	53.19	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1277	2.16	\$1,072.11
AMD Phenom 9450e Quad-Core	2621	1177	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2212	1326	24.60	\$89.96*
AMD Phenom 9550 Quad-Core	2542	1206	63.63	\$39.95*
AMD Phenom 9600 Quad-Core	2303	1285	25.65	\$89.80
AMD Phenom 9600B Quad-Core	2577	1197	17.51	\$147.19*
AMD Phenom 9650 Quad-Core	2639	1172	48.04	\$54.95
AMD Phenom 9750 Quad-Core	2828	1118	47.18	\$59.95
AMD Phenom 9750B Quad-Core	2709	1157	NA	NA
AMD Phenom 9850 Quad-Core	2894	1095	57.88	\$50.00*
AMD Phenom 9850B Quad-Core	3160	1017	NA	NA
AMD Phenom 9950 Quad-Core	3022	1056	16.79	\$179.98*
AMD Phenom FX-5000 Quad-Core	2518	1214	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1079	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	892	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	924	NA	NA
AMD Phenom II N620 Dual-Core	1677	1560	42.10	\$39.86*
AMD Phenom II N640 Dual-Core	1736	1525	26.74	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1475	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1168	NA	NA
AMD Phenom II N830 Triple-Core	1886	1458	NA	NA
AMD Phenom II N850 Triple-Core	1938	1432	77.56	\$25.00*
AMD Phenom II N870 Triple-Core	1969	1417	NA	NA
AMD Phenom II N930 Quad-Core	2268	1307	22.72	\$99.86*
AMD Phenom II N950 Quad-Core	2493	1222	22.14	\$112.60*
AMD Phenom II N970 Quad-Core	2516	1215	16.78	\$149.99*
AMD Phenom II P650 Dual-Core	1603	1601	45.81	\$35.00*
AMD Phenom II P820 Triple-Core	1611	1597	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II P840 Triple-Core	1731	1527	NA	NA
AMD Phenom II P860 Triple-Core	1759	1514	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II P920 Quad-Core	1881	1463	25.08	\$75.00*
AMD Phenom II P940 Quad-Core	1808	1493	NA	NA
AMD Phenom II P960 Quad-Core	2100	1371	75.00	\$28.00*
AMD Phenom II X2 511	2104	1368	NA	NA
AMD Phenom II X2 521	2093	1374	NA	NA
AMD Phenom II X2 545	1905	1445	38.16	\$49.95*
AMD Phenom II X2 550	2026	1396	15.19	\$133.39*
AMD Phenom II X2 555	2037	1391	6.79	\$299.95*
AMD Phenom II X2 560	2038	1389	18.54	\$109.95*
AMD Phenom II X2 565	2198	1332	17.60	\$124.95*
AMD Phenom II X2 570	1960	1421	NA	NA
AMD Phenom II X2 B53	1670	1568	NA	NA
AMD Phenom II X2 B55	1918	1440	39.96	\$48.00*
AMD Phenom II X2 B57	1884	1461	NA	NA
AMD Phenom II X2 B59	2154	1349	43.14	\$49.95*
AMD Phenom II X3 700e	2266	1308	NA	NA
AMD Phenom II X3 705e	2227	1324	14.63	\$152.34*
AMD Phenom II X3 710	2449	1234	28.97	\$84.53*
AMD Phenom II X3 715	2649	1169	31.17	\$84.99*
AMD Phenom II X3 720	2689	1163	35.86	\$74.99*
AMD Phenom II X3 740	3002	1062	33.75	\$88.99*
AMD Phenom II X3 B73	2749	1145	36.66	\$75.00*
AMD Phenom II X3 B75	2949	1078	NA	NA
AMD Phenom II X3 B77	3067	1040	NA	NA
AMD Phenom II X4 805	2999	1063	17.24	\$173.99*
AMD Phenom II X4 810	3134	1025	27.02	\$115.99*
AMD Phenom II X4 820	3426	943	38.08	\$89.99*
AMD Phenom II X4 830	3462	933	43.31	\$79.95*
AMD Phenom II X4 840	3512	917	39.05	\$89.95*
AMD Phenom II X4 840T	3617	891	45.24	\$79.95*
AMD Phenom II X4 850	3548	910	31.83	\$111.49*
AMD Phenom II X4 900e	2853	1110	NA	NA
AMD Phenom II X4 905e	3105	1030	14.62	\$212.38*
AMD Phenom II X4 910	3268	979	32.68	\$100.00*
AMD Phenom II X4 910e	3298	974	21.01	\$156.99*
AMD Phenom II X4 920	3409	948	48.71	\$69.99
AMD Phenom II X4 925	3433	942	21.46	\$159.99*
AMD Phenom II X4 940	3611	894	30.10	\$119.99*
AMD Phenom II X4 945	3685	880	12.80	\$287.89*
AMD Phenom II X4 955	3953	815	30.37	\$130.16*
AMD Phenom II X4 960T	3806	848	28.20	\$134.99*
AMD Phenom II X4 965	4210	764	64.82	\$64.95
AMD Phenom II X4 970	4366	739	25.40	\$171.91*
AMD Phenom II X4 973	3759	862	NA	NA
AMD Phenom II X4 975	4515	712	34.74	\$129.99*
AMD Phenom II X4 977	3750	864	NA	NA
AMD Phenom II X4 980	4510	713	33.01	\$136.64*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 8700e	2377	1262	NA	NA
AMD Phenom II X4 B05e	2781	1131	NA	NA
AMD Phenom II X4 B15e	2736	1150	NA	NA
AMD Phenom II X4 B25	3439	940	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B35	3443	936	NA	NA
AMD Phenom II X4 B40	3422	944	NA	NA
AMD Phenom II X4 B45	3481	927	NA	NA
AMD Phenom II X4 B50	3709	871	NA	NA
AMD Phenom II X4 B55	3878	831	NA	NA
AMD Phenom II X4 B60	4053	792	NA	NA
AMD Phenom II X4 B65	4177	777	NA	NA
AMD Phenom II X4 B70	4261	755	NA	NA
AMD Phenom II X4 B93	3358	959	NA	NA
AMD Phenom II X4 B95	3733	867	51.18	\$72.95*
AMD Phenom II X4 B97	3909	827	48.90	\$79.95*
AMD Phenom II X4 B99	4166	780	NA	NA
AMD Phenom II X6 1035T	4688	673	24.81	\$189.00*
AMD Phenom II X6 1045T	4840	652	27.66	\$175.00*
AMD Phenom II X6 1055T	4993	626	26.99	\$185.00*
AMD Phenom II X6 1065T	5085	611	NA	NA
AMD Phenom II X6 1075T	5372	576	20.66	\$259.99*
AMD Phenom II X6 1090T	5613	541	14.17	\$396.08*
AMD Phenom II X6 1100T	5769	521	24.66	\$233.99*
AMD Phenom II X620 Dual-Core	2189	1335	NA	NA
AMD Phenom II X640 Dual-Core	2021	1399	NA	NA
AMD Phenom II X920 Quad-Core	2638	1173	NA	NA
AMD Phenom II X940 Quad-Core	2695	1160	NA	NA
AMD Phenom Ultra X4 24500	3945	819	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1551	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1330	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1517	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1812	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1675	NA	NA
AMD Phenom X3 8550	1930	1435	11.36	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1515	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1409	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1320	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2812	1124	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1155	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1162	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1799	NA	NA
AMD PRO A4-3350B APU	2833	1116	NA	NA
AMD PRO A4-8350B	2881	1103	NA	NA
AMD PRO A6-8500B	2516	1216	NA	NA
AMD PRO A6-8530B	2435	1238	NA	NA
AMD PRO A6-8550B	3042	1051	NA	NA
AMD PRO A6-8570	3049	1050	NA	NA
AMD PRO A6-8570E	2906	1091	NA	NA
AMD PRO A6-9500	3262	982	44.09	\$74.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A6-9500B	2382	1258	NA	NA
AMD PRO A6-9500E	2752	1144	37.20	\$74.00*
AMD PRO A8-8600B	3850	834	NA	NA
AMD PRO A8-8650B	5457	565	NA	NA
AMD PRO A8-9600	5342	582	44.89	\$119.00*
AMD PRO A8-9600B	4021	800	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A10-8700B	3630	889	NA	NA
AMD PRO A10-8730B	4006	806	NA	NA
AMD PRO A10-8750B	5653	536	NA	NA
AMD PRO A10-8770	5742	528	NA	NA
AMD PRO A10-8770E	4881	643	NA	NA
AMD PRO A10-8850B	5852	513	NA	NA
AMD PRO A10-9700	5742	527	33.98	\$169.00*
AMD PRO A10-9700E	5083	612	36.57	\$139.00*
AMD PRO A12-8800B	4201	767	NA	NA
AMD PRO A12-8830B	4109	785	NA	NA
AMD PRO A12-8870	6177	478	NA	NA
AMD PRO A12-8870E	4814	659	NA	NA
AMD PRO A12-9800	6199	475	36.68	\$169.00*
AMD PRO A12-9800B	4428	722	NA	NA
AMD PRO A12-9800E	4812	660	28.47	\$169.00*
AMD QC-4000	1642	1582	NA	NA
AMD R-260H APU	1576	1614	NA	NA
AMD R-460L APU	1954	1422	NA	NA
AMD R-464L APU	2976	1070	NA	NA
AMD RX-427BB	4470	717	NA	NA
AMD Ryzen 3 1200	6808	423	61.90	\$109.99
AMD Ryzen 3 1300X	7336	380	56.44	\$129.99
AMD Ryzen 3 PRO 1200	7185	390	NA	NA
AMD Ryzen 3 PRO 1300	8173	315	NA	NA
AMD Ryzen 5 1400	8435	302	56.99	\$148.00
AMD Ryzen 5 1500X	10476	164	61.63	\$169.99
AMD Ryzen 5 1600	12349	122	61.75	\$199.99
AMD Ryzen 5 1600X	13353	105	60.70	\$219.99
AMD Ryzen 5 PRO 1500	10784	155	NA	NA
AMD Ryzen 5 PRO 1600	12213	127	NA	NA
AMD Ryzen 7 1700	13766	97	48.30	\$284.99
AMD Ryzen 7 1700X	14628	79	41.80	\$349.99
AMD Ryzen 7 1800X	15438	68	35.10	\$439.89
AMD Ryzen 7 PRO 1700	14793	75	NA	NA
AMD Ryzen 7 PRO 1700X	15433	69	NA	NA
AMD Ryzen Threadripper 1900X	16416	53	29.85	\$549.99
AMD Ryzen Threadripper 1920X	19665	24	26.40	\$745.00
AMD Ryzen Threadripper 1950X	22096	10	22.78	\$969.99
AMD Sempron 130	656	2100	26.29	\$24.99*
AMD Sempron 140	739	2059	18.67	\$39.59*
AMD Sempron 145	810	2033	8.54	\$94.92
AMD Sempron 150	701	2081	15.60	\$44.95
AMD Sempron 200U	267	2466	3.08	\$87.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 210U	382	2315	NA	NA
AMD Sempron 2100+	392	2307	NA	NA
AMD Sempron 2200+	281	2450	9.38	\$29.99*
AMD Sempron 2300+	318	2384	7.07	\$45.00*
AMD Sempron 2400+	313	2392	11.62	\$27.00*
AMD Sempron 2500+	335	2368	4.20	\$79.95*
AMD Sempron 2600+	374	2326	12.49	\$29.95
AMD Sempron 2650 APU	935	1970	24.32	\$38.46



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2800+	384	2314	6.41	\$59.95
AMD Sempron 3000+	408	2282	20.43	\$20.00
AMD Sempron 3100+	452	2237	7.53	\$60.00*
AMD Sempron 3200+	402	2292	30.99	\$13.00
AMD Sempron 3300+	484	2207	16.14	\$30.00
AMD Sempron 3400+	455	2235	32.51	\$14.00
AMD Sempron 3500+	384	2313	2.31	\$166.80*
AMD Sempron 3600+	489	2197	40.78	\$12.00
AMD Sempron 3800+	554	2151	26.39	\$21.00
AMD Sempron 3850 APU	1701	1544	25.80	\$65.97
AMD Sempron Dual Core 2100	869	2000	22.29	\$39.00*
AMD Sempron Dual Core 2200	995	1922	NA	NA
AMD Sempron Dual Core 2300	982	1931	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	1957	NA	NA
AMD Sempron Dual Core 4900	1081	1869	NA	NA
AMD Sempron LE-250	490	2196	NA	NA
AMD Sempron LE-1100	436	2255	NA	NA
AMD Sempron LE-1150	434	2259	NA	NA
AMD Sempron LE-1200	526	2169	NA	NA
AMD Sempron LE-1250	539	2160	18.59	\$28.99*
AMD Sempron LE-1300	617	2118	51.46	\$12.00
AMD Sempron LE-1600	535	2164	NA	NA
AMD Sempron LE-1620	635	2110	NA	NA
AMD Sempron LE-1640	759	2052	NA	NA
AMD Sempron M100	554	2150	46.22	\$12.00
AMD Sempron M120	574	2141	NA	NA
AMD Sempron SI-40	437	2251	36.49	\$12.00
AMD Sempron SI-42	455	2234	37.95	\$12.00
AMD Sempron X2 180	1222	1793	17.62	\$69.40*
AMD Sempron X2 190	1529	1633	18.33	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1684	NA	NA
AMD Turion 64 Mobile MK-36	466	2219	NA	NA
AMD Turion 64 Mobile MK-38	512	2178	NA	NA
AMD Turion 64 Mobile ML-28	390	2310	NA	NA
AMD Turion 64 Mobile ML-30	402	2291	NA	NA
AMD Turion 64 Mobile ML-32	410	2279	NA	NA
AMD Turion 64 Mobile ML-34	425	2269	NA	NA
AMD Turion 64 Mobile ML-37	447	2243	2.28	\$196.50*
AMD Turion 64 Mobile ML-40	520	2172	NA	NA
AMD Turion 64 Mobile ML-42	615	2119	NA	NA
AMD Turion 64 Mobile ML-44	591	2131	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 MT-28	419	2270	NA	NA
AMD Turion 64 Mobile MT-30	378	2319	NA	NA
AMD Turion 64 Mobile MT-32	426	2268	NA	NA
AMD Turion 64 Mobile MT-34	429	2265	NA	NA
AMD Turion 64 Mobile MT-37	484	2206	NA	NA
AMD Turion 64 Mobile MT-40	536	2162	NA	NA
AMD Turion 64 X2 Mobile TL-50	750	2055	15.01	\$49.99*
AMD Turion 64 X2 Mobile TL-52	762	2049	NA	NA
AMD Turion 64 X2 Mobile TL-56	882	1993	44.12	\$20.00*
AMD Turion 64 X2 Mobile TL-58	947	1958	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 X2 Mobile TL-60	987	1929	54.70	\$18.05*
AMD Turion 64 X2 Mobile TL-62	1093	1860	3.52	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1109	1849	28.16	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1112	1844	2.94	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1149	1831	12.77	\$90.00*
AMD Turion Dual-Core RM-70	895	1989	59.70	\$15.00*
AMD Turion Dual-Core RM-72	860	2003	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	1903	NA	NA
AMD Turion Dual-Core RM-75	961	1949	34.41	\$27.95*
AMD Turion II Dual-Core Mobile M500	1298	1741	NA	NA
AMD Turion II Dual-Core Mobile M520	1307	1734	18.92	\$69.10*
AMD Turion II Dual-Core Mobile M540	1307	1733	NA	NA
AMD Turion II N530 Dual-Core	1583	1610	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1637	NA	NA
AMD Turion II Neo K625 Dual-Core	973	1935	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	1809	NA	NA
AMD Turion II Neo N40L Dual-Core	916	1979	NA	NA
AMD Turion II Neo N54L Dual-Core	1378	1699	NA	NA
AMD Turion II P520 Dual-Core	1359	1710	NA	NA
AMD Turion II P540 Dual-Core	1449	1669	29.02	\$49.96*
AMD Turion II P560 Dual-Core	1508	1643	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1400	1688	51.12	\$27.40*
AMD Turion II Ultra Dual-Core Mobile M620	1423	1681	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1569	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1631	NA	NA
AMD Turion Neo X2 Dual Core L625	822	2025	NA	NA
AMD Turion X2 Dual Core L510	871	1998	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	939	1967	7.08	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1041	1889	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	990	1926	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1087	1864	4.85	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1055	1880	42.29	\$24.95*
AMD Turion X2 Dual-Core Mobile RM-75	1148	1832	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1230	1787	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1010	1908	77.73	\$13.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1071	1873	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1212	1797	94.46	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1232	1786	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1279	1758	42.72	\$29.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1344	1718	33.66	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	988	1927	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1112	1845	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1668	NA	NA
AMD V105	274	2460	NA	NA
AMD V120	631	2112	NA	NA
AMD V140	641	2108	49.31	\$13.00*
AMD V160	680	2090	NA	NA
AMD Z-01	523	2170	NA	NA
AMD Z-60 APU	485	2203	NA	NA
AMD-K6 3D	90	2587	NA	NA
AMD-K6-III	108	2584	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD-K7	403	2290	NA	NA
Athlon 64 Dual Core 3800+	1234	1785	NA	NA
Athlon 64 Dual Core 4200+	1156	1825	NA	NA
Athlon 64 Dual Core 4800+	1370	1704	NA	NA
Athlon 64 Dual Core 5000+	1497	1647	NA	NA
Athlon 64 Dual Core 5400+	1614	1594	NA	NA
Athlon 64 Dual Core 5600+	1548	1624	NA	NA
Athlon Dual Core 4050e	968	1941	NA	NA
Athlon Dual Core 4450e	1081	1870	NA	NA
Athlon Dual Core 4850e	1327	1724	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1112	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1084	1866	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1179	1813	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1208	1800	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1282	1755	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1801	NA	NA
HP Hexa-Core 2.0GHz	2178	1341	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2005	NA	NA
Intel 1400 @ 1.83GHz	980	1933	NA	NA
Intel 1500 @ 2.00GHz	1024	1899	NA	NA
Intel Atom 230 @ 1.60GHz	307	2401	NA	NA
Intel Atom 330 @ 1.60GHz	591	2130	NA	NA
Intel Atom C2338 @ 1.74GHz	898	1988	NA	NA
Intel Atom C2358 @ 1.74GHz	961	1951	NA	NA
Intel Atom C2550 @ 2.40GHz	2329	1274	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1343	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3800	851	16.38	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	960	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1016	14.72	\$214.86*
Intel Atom D410 @ 1.66GHz	310	2397	0.49	\$635.99*
Intel Atom D425 @ 1.80GHz	340	2364	0.34	\$992.98*
Intel Atom D510 @ 1.66GHz	652	2101	6.72	\$97.16*
Intel Atom D525 @ 1.80GHz	702	2080	NA	NA
Intel Atom D2500 @ 1.86GHz	406	2285	NA	NA
Intel Atom D2550 @ 1.86GHz	672	2094	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2072	NA	NA
Intel Atom D2700 @ 2.13GHz	844	2013	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D2701 @ 2.13GHz	720	2068	NA	NA
Intel Atom E660 @ 1.30GHz	271	2462	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2358	NA	NA
Intel Atom E3815 @ 1.46GHz	362	2342	2.79	\$129.99
Intel Atom E3825 @ 1.33GHz	564	2148	8.03	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2198	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2010	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	1823	NA	NA
Intel Atom E3845 @ 1.91GHz	1474	1655	NA	NA
Intel Atom E3950 @ 1.60GHz	2034	1394	NA	NA
Intel Atom K510 @ 1.66GHz	658	2099	NA	NA
Intel Atom N270 @ 1.60GHz	270	2463	NA	NA
Intel Atom N280 @ 1.66GHz	286	2437	NA	NA
Intel Atom N435 @ 1.33GHz	236	2503	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N450 @ 1.66GHz	297	2419	NA	NA
Intel Atom N455 @ 1.66GHz	286	2438	NA	NA
Intel Atom N470 @ 1.83GHz	307	2402	NA	NA
Intel Atom N475 @ 1.83GHz	314	2389	NA	NA
Intel Atom N550 @ 1.50GHz	522	2171	6.08	\$86.00*
Intel Atom N570 @ 1.66GHz	573	2142	6.67	\$86.00*
Intel Atom N2100 @ 1.60GHz	309	2398	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2168	NA	NA
Intel Atom N2800 @ 1.86GHz	619	2117	NA	NA
Intel Atom S1260 @ 2.00GHz	916	1978	14.32	\$64.00*
Intel Atom x5-E3930 @ 1.30GHz	811	2032	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1609	1598	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1200	1803	9.02	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1012	1905	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1001	1917	NA	NA
Intel Atom x5-Z8500 @ 1.44GHz	1692	1553	27.04	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1873	1468	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1910	1443	25.94	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1892	1450	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2539	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2519	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2521	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2449	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2355	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2316	NA	NA
Intel Atom Z670 @ 1.50GHz	249	2490	NA	NA
Intel Atom Z2760 @ 1.80GHz	570	2146	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	1980	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	1972	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	909	1983	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	1981	NA	NA
Intel Atom Z3736F @ 1.33GHz	920	1976	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	1877	NA	NA
Intel Atom Z3740D @ 1.33GHz	1020	1901	NA	NA
Intel Atom Z3745 @ 1.33GHz	1071	1875	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3745D @ 1.33GHz	1058	1879	NA	NA
Intel Atom Z3770 @ 1.46GHz	1241	1781	8.31	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2035	NA	NA
Intel Atom Z3775 @ 1.46GHz	1249	1776	35.70	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1760	NA	NA
Intel Atom Z3795 @ 1.60GHz	1772	1508	NA	NA
Intel Celeron 1.70GHz	130	2578	NA	NA
Intel Celeron 1.80GHz	136	2575	NA	NA
Intel Celeron 2.00GHz	184	2549	NA	NA
Intel Celeron 2.10GHz	244	2496	NA	NA
Intel Celeron 2.13GHz	210	2525	NA	NA
Intel Celeron 2.20GHz	213	2523	NA	NA
Intel Celeron 2.26GHz	223	2513	NA	NA
Intel Celeron 2.30GHz	227	2511	NA	NA
Intel Celeron 2.40GHz	218	2520	NA	NA
Intel Celeron 2.50GHz	253	2483	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.53GHz	245	2494	NA	NA
Intel Celeron 2.60GHz	238	2500	NA	NA
Intel Celeron 2.66GHz	251	2487	NA	NA
Intel Celeron 2.70GHz	245	2495	NA	NA
Intel Celeron 2.80GHz	254	2481	NA	NA
Intel Celeron 2.93GHz	285	2440	NA	NA
Intel Celeron 3.06GHz	285	2439	NA	NA
Intel Celeron 3.20GHz	289	2429	NA	NA
Intel Celeron 3.33GHz	333	2371	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2379	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2382	NA	NA
Intel Celeron 420 @ 1.60GHz	452	2236	13.01	\$34.78*
Intel Celeron 430 @ 1.80GHz	491	2193	6.15	\$79.95
Intel Celeron 440 @ 2.00GHz	537	2161	7.17	\$74.99
Intel Celeron 450 @ 2.20GHz	624	2116	NA	NA
Intel Celeron 530 @ 1.73GHz	468	2218	20.36	\$23.00*
Intel Celeron 540 @ 1.86GHz	511	2181	NA	NA
Intel Celeron 550 @ 2.00GHz	498	2189	38.38	\$13.00*
Intel Celeron 560 @ 2.13GHz	536	2163	6.71	\$79.95
Intel Celeron 570 @ 2.26GHz	526	2167	NA	NA
Intel Celeron 600MHz	147	2572	NA	NA
Intel Celeron 723 @ 1.20GHz	408	2281	NA	NA
Intel Celeron 743 @ 1.30GHz	433	2262	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2054	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2331	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2120	NA	NA
Intel Celeron 847 @ 1.10GHz	940	1965	2.99	\$315.00*
Intel Celeron 847E @ 1.10GHz	1026	1897	NA	NA
Intel Celeron 857 @ 1.20GHz	1172	1817	NA	NA
Intel Celeron 867 @ 1.30GHz	1199	1804	NA	NA
Intel Celeron 877 @ 1.40GHz	1290	1747	NA	NA
Intel Celeron 887 @ 1.50GHz	1297	1742	NA	NA
Intel Celeron 900 @ 2.20GHz	678	2091	23.41	\$28.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 925 @ 2.30GHz	697	2084	NA	NA
Intel Celeron 1000M @ 1.80GHz	1668	1570	NA	NA
Intel Celeron 1000MHz	241	2498	NA	NA
Intel Celeron 1005M @ 1.90GHz	1833	1483	NA	NA
Intel Celeron 1007U @ 1.50GHz	1397	1690	7.56	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1541	1627	NA	NA
Intel Celeron 1019Y @ 1.00GHz	941	1962	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1321	NA	NA
Intel Celeron 1037U @ 1.80GHz	1732	1526	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1808	NA	NA
Intel Celeron 1066MHz	259	2475	NA	NA
Intel Celeron 1100MHz	174	2557	NA	NA
Intel Celeron 1133MHz	282	2443	NA	NA
Intel Celeron 1200MHz	244	2497	NA	NA
Intel Celeron 1300MHz	288	2433	NA	NA
Intel Celeron 1333MHz	290	2426	NA	NA
Intel Celeron 1400MHz	302	2411	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1266	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2950M @ 2.00GHz	2008	1404	NA	NA
Intel Celeron 2955U @ 1.40GHz	1441	1673	NA	NA
Intel Celeron 2957U @ 1.40GHz	1457	1665	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	1847	NA	NA
Intel Celeron 2970M @ 2.20GHz	2304	1284	NA	NA
Intel Celeron 2980U @ 1.60GHz	1563	1619	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1615	NA	NA
Intel Celeron 3205U @ 1.50GHz	1544	1626	6.16	\$250.73*
Intel Celeron 3215U @ 1.70GHz	1657	1575	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1542	NA	NA
Intel Celeron 3765U @ 1.90GHz	2038	1390	NA	NA
Intel Celeron 3855U @ 1.60GHz	1718	1534	NA	NA
Intel Celeron 3865U @ 1.80GHz	1679	1558	NA	NA
Intel Celeron 3955U @ 2.00GHz	1728	1528	NA	NA
Intel Celeron @ 1.30GHz	965	1943	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2545	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2030	NA	NA
Intel Celeron B800 @ 1.50GHz	1286	1752	NA	NA
Intel Celeron B810 @ 1.60GHz	1385	1695	NA	NA
Intel Celeron B815 @ 1.60GHz	1376	1700	NA	NA
Intel Celeron B820 @ 1.70GHz	1425	1679	36.28	\$39.29*
Intel Celeron B830 @ 1.80GHz	1531	1632	NA	NA
Intel Celeron B840 @ 1.90GHz	1724	1532	NA	NA
Intel Celeron D 347 @ 3.06GHz	276	2455	NA	NA
Intel Celeron D 352 @ 3.20GHz	305	2405	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2386	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2370	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2288	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2209	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2134	NA	NA
Intel Celeron E1200 @ 1.60GHz	861	2002	21.55	\$39.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron E1400 @ 2.00GHz	1035	1891	12.96	\$79.95
Intel Celeron E1500 @ 2.20GHz	1155	1826	18.28	\$63.25*
Intel Celeron E1600 @ 2.40GHz	1260	1769	NA	NA
Intel Celeron E3200 @ 2.40GHz	1386	1694	26.66	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1389	1693	19.86	\$70.00
Intel Celeron E3400 @ 2.60GHz	1436	1674	18.78	\$76.47*
Intel Celeron E3500 @ 2.70GHz	1454	1667	46.91	\$31.00
Intel Celeron G440 @ 1.60GHz	698	2083	5.59	\$125.00
Intel Celeron G460 @ 1.80GHz	1028	1894	15.83	\$65.00
Intel Celeron G465 @ 1.90GHz	1054	1881	13.19	\$80.00
Intel Celeron G470 @ 2.00GHz	1306	1735	NA	NA
Intel Celeron G530 @ 2.40GHz	2145	1353	30.65	\$69.99
Intel Celeron G530T @ 2.00GHz	1604	1600	NA	NA
Intel Celeron G540 @ 2.50GHz	2206	1329	26.91	\$81.99
Intel Celeron G540T @ 2.10GHz	2114	1364	NA	NA
Intel Celeron G550 @ 2.60GHz	2291	1293	114.63	\$19.99
Intel Celeron G550T @ 2.20GHz	2073	1382	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1242	22.03	\$109.99
Intel Celeron G1101 @ 2.27GHz	1727	1530	20.33	\$85.00*
Intel Celeron G1610 @ 2.60GHz	2498	1221	99.98	\$24.99



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1610T @ 2.30GHz	2322	1275	58.01	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2581	1193	31.14	\$82.92
Intel Celeron G1620T @ 2.40GHz	2353	1270	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2488	1223	38.87	\$64.01
Intel Celeron G1820 @ 2.70GHz	2771	1133	33.02	\$83.94*
Intel Celeron G1820T @ 2.40GHz	2502	1219	59.58	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1357	NA	NA
Intel Celeron G1830 @ 2.80GHz	2583	1191	36.39	\$70.99*
Intel Celeron G1840 @ 2.80GHz	2884	1101	30.92	\$93.29
Intel Celeron G1840T @ 2.50GHz	2605	1184	NA	NA
Intel Celeron G1850 @ 2.90GHz	2879	1105	35.99	\$80.00
Intel Celeron G3900 @ 2.80GHz	3058	1046	72.87	\$41.98
Intel Celeron G3900E @ 2.40GHz	2707	1158	NA	NA
Intel Celeron G3900T @ 2.60GHz	2902	1093	NA	NA
Intel Celeron G3920 @ 2.90GHz	3412	947	74.03	\$46.09
Intel Celeron G3930 @ 2.90GHz	3053	1047	NA	NA
Intel Celeron G3950 @ 3.00GHz	3334	964	26.46	\$126.03*
Intel Celeron J1750 @ 2.41GHz	1037	1890	NA	NA
Intel Celeron J1800 @ 2.41GHz	1031	1893	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1595	NA	NA
Intel Celeron J1900 @ 1.99GHz	1863	1471	NA	NA
Intel Celeron J3060 @ 1.60GHz	969	1939	NA	NA
Intel Celeron J3160 @ 1.60GHz	1796	1499	NA	NA
Intel Celeron J3355 @ 2.00GHz	1290	1750	NA	NA
Intel Celeron J3455 @ 1.50GHz	2167	1345	9.28	\$233.52*
Intel Celeron M 1.00GHz	207	2531	6.73	\$30.80
Intel Celeron M 1.30GHz	316	2385	NA	NA
Intel Celeron M 1.50GHz	346	2357	NA	NA
Intel Celeron M 1.60GHz	365	2338	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 1.70GHz	393	2306	NA	NA
Intel Celeron M 360 1.40GHz	327	2376	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2387	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2365	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2334	NA	NA
Intel Celeron M 440 @ 1.86GHz	414	2275	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2482	NA	NA
Intel Celeron M 450 @ 2.00GHz	455	2233	NA	NA
Intel Celeron M 520 @ 1.60GHz	434	2260	NA	NA
Intel Celeron M 530 @ 1.73GHz	459	2228	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2157	NA	NA
Intel Celeron M 600MHz	151	2570	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2232	NA	NA
Intel Celeron M 900MHz	207	2530	NA	NA
Intel Celeron M 1200MHz	275	2459	NA	NA
Intel Celeron M 1300MHz	303	2408	NA	NA
Intel Celeron M 1500MHz	332	2372	NA	NA
Intel Celeron M ULV 800MHz	184	2551	NA	NA
Intel Celeron N2805 @ 1.46GHz	457	2230	NA	NA
Intel Celeron N2806 @ 1.60GHz	779	2040	NA	NA
Intel Celeron N2807 @ 1.58GHz	855	2008	NA	NA
Intel Celeron N2808 @ 1.58GHz	936	1969	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2810 @ 2.00GHz	774	2043	4.14	\$186.99
Intel Celeron N2815 @ 1.86GHz	859	2004	NA	NA
Intel Celeron N2820 @ 2.13GHz	961	1950	6.87	\$140.00
Intel Celeron N2830 @ 2.16GHz	950	1956	NA	NA
Intel Celeron N2840 @ 2.16GHz	1010	1906	NA	NA
Intel Celeron N2910 @ 1.60GHz	1219	1794	NA	NA
Intel Celeron N2920 @ 1.86GHz	1509	1642	NA	NA
Intel Celeron N2930 @ 1.83GHz	1642	1583	NA	NA
Intel Celeron N2940 @ 1.83GHz	1741	1523	NA	NA
Intel Celeron N3000 @ 1.04GHz	907	1985	NA	NA
Intel Celeron N3010 @ 1.04GHz	962	1948	NA	NA
Intel Celeron N3050 @ 1.60GHz	882	1992	3.15	\$279.99
Intel Celeron N3060 @ 1.60GHz	991	1925	NA	NA
Intel Celeron N3150 @ 1.60GHz	1664	1573	NA	NA
Intel Celeron N3160 @ 1.60GHz	1694	1552	NA	NA
Intel Celeron N3350 @ 1.10GHz	1122	1839	NA	NA
Intel Celeron N3450 @ 1.10GHz	1780	1505	NA	NA
Intel Celeron P4500 @ 1.87GHz	1152	1829	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	1923	NA	NA
Intel Celeron P4600 @ 2.00GHz	1349	1715	NA	NA
Intel Celeron SU2300 @ 1.20GHz	776	2042	NA	NA
Intel Celeron T1600 @ 1.66GHz	945	1961	47.30	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	1878	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1541	NA	NA
Intel Celeron U3400 @ 1.07GHz	727	2064	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2087	NA	NA
Intel Celeron U3600 @ 1.20GHz	805	2034	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E4300 @ 1.80GHz	1047	1882	6.63	\$157.95
Intel Core2 Duo E4400 @ 2.00GHz	1159	1824	7.34	\$157.95
Intel Core2 Duo E4500 @ 2.20GHz	1275	1761	8.07	\$157.95
Intel Core2 Duo E4600 @ 2.40GHz	1385	1696	8.77	\$157.95
Intel Core2 Duo E4700 @ 2.60GHz	1483	1651	14.83	\$100.00*
Intel Core2 Duo E6300 @ 1.86GHz	1111	1846	7.04	\$157.95
Intel Core2 Duo E6320 @ 1.86GHz	1192	1806	NA	NA
Intel Core2 Duo E6400 @ 2.13GHz	1296	1744	8.21	\$157.95
Intel Core2 Duo E6420 @ 2.13GHz	1361	1709	8.62	\$157.95
Intel Core2 Duo E6540 @ 2.33GHz	1464	1661	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1646	124.86	\$12.00
Intel Core2 Duo E6600 @ 2.40GHz	1554	1621	9.84	\$157.95
Intel Core2 Duo E6700 @ 2.66GHz	1697	1550	14.63	\$115.99
Intel Core2 Duo E6750 @ 2.66GHz	1718	1535	27.73	\$61.99*
Intel Core2 Duo E6850 @ 3.00GHz	1951	1423	29.80	\$65.50
Intel Core2 Duo E7200 @ 2.53GHz	1635	1586	10.35	\$157.95
Intel Core2 Duo E7300 @ 2.66GHz	1728	1529	78.58	\$21.99*
Intel Core2 Duo E7400 @ 2.80GHz	1778	1506	11.26	\$157.95
Intel Core2 Duo E7500 @ 2.93GHz	1876	1465	134.14	\$13.99
Intel Core2 Duo E7600 @ 3.06GHz	1997	1408	13.32	\$149.95*
Intel Core2 Duo E8135 @ 2.40GHz	1523	1636	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1765	1512	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1888	1457	11.95	\$157.95
Intel Core2 Duo E8235 @ 2.80GHz	1945	1426	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8290 @ 2.83GHz	2353	1269	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1999	1407	142.89	\$13.99
Intel Core2 Duo E8335 @ 2.66GHz	1810	1491	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1358	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2158	1348	110.68	\$19.50
Intel Core2 Duo E8435 @ 3.06GHz	2127	1359	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2290	1294	114.59	\$19.99
Intel Core2 Duo E8600 @ 3.33GHz	2411	1247	104.91	\$22.99
Intel Core2 Duo E8700 @ 3.50GHz	2212	1327	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	727	2063	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2088	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	841	2015	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2012	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	964	1945	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	965	1944	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	1840	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1069	1876	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1336	1720	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1299	1738	65.03	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1301	1737	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1425	1678	35.66	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	1959	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1520	1638	6.61	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1447	1671	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	1900	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P8400 @ 2.26GHz	1457	1666	4.91	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1538	1628	31.29	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1635	1585	43.06	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1749	1520	30.70	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1586	1609	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1769	1510	1.77	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1772	1509	17.90	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1873	1469	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2009	1403	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2132	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1266	1768	5.00	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1672	1564	5.89	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	940	1966	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	835	2020	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	828	2022	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	820	2027	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	937	1968	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	907	1984	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	909	1982	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	921	1974	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1046	1883	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1027	1895	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	1003	1913	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1090	1862	109.15	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1110	1848	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1186	1810	74.63	\$15.90*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5870 @ 2.00GHz	1145	1836	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	1798	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1225	1789	81.73	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1288	1751	85.94	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1260	1770	32.74	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1371	1703	72.55	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1364	1707	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1010	1907	45.97	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	1821	11.68	\$99.95
Intel Core2 Duo T7250 @ 2.00GHz	1108	1850	5.50	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1194	1805	38.53	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1243	1780	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1274	1762	29.64	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1367	1705	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1418	1682	30.18	\$46.99*
Intel Core2 Duo T7800 @ 2.60GHz	1615	1593	2.66	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1290	1748	1.29	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1479	1653	6.91	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1667	1571	28.76	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1737	1524	34.06	\$51.00*
Intel Core2 Duo T9500 @ 2.60GHz	1825	1486	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1797	1498	6.01	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1929	1436	29.69	\$64.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T9800 @ 2.93GHz	2012	1402	4.75	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2149	1352	5.39	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	872	1997	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	579	2137	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	663	2096	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	711	2073	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	857	2006	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1132	1838	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1554	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	885	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3659	884	2.45	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3494	920	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1889	1454	7.17	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1495	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1723	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1679	1559	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1892	1451	NA	NA
Intel Core2 Extreme X9100 @ 3.06GHz	2044	1388	2.40	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4199	769	4.62	\$909.00*
Intel Core2 Extreme X9750 @ 3.16GHz	4597	690	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4622	686	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	679	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2967	1073	18.79	\$157.95
Intel Core2 Quad Q6700 @ 2.66GHz	3300	973	143.58	\$22.99
Intel Core2 Quad Q8200 @ 2.33GHz	2821	1121	134.44	\$20.99
Intel Core2 Quad Q8300 @ 2.50GHz	2994	1065	19.32	\$155.00
Intel Core2 Quad Q8400 @ 2.66GHz	3189	1005	63.80	\$50.00*
Intel Core2 Quad Q9000 @ 2.00GHz	2528	1208	6.50	\$389.00*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q9100 @ 2.26GHz	3238	991	8.39	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3169	1012	137.88	\$22.99
Intel Core2 Quad Q9400 @ 2.66GHz	3370	956	124.87	\$26.99
Intel Core2 Quad Q9450 @ 2.66GHz	3771	858	11.25	\$335.25*
Intel Core2 Quad Q9500 @ 2.83GHz	3591	899	105.65	\$33.99
Intel Core2 Quad Q9505 @ 2.83GHz	3601	897	18.95	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3994	809	85.00	\$46.99
Intel Core2 Quad Q9650 @ 3.00GHz	4198	770	16.21	\$259.00
Intel Core2 Quad Q9705 @ 3.16GHz	3947	816	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	303	2407	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2395	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2273	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	466	2220	NA	NA
Intel Core 330 @ 1.60GHz	643	2106	NA	NA
Intel Core 860 @ 2.80GHz	4555	703	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2069	NA	NA
Intel Core Duo L2400 @ 1.66GHz	708	2077	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	2062	NA	NA
Intel Core Duo T2050 @ 1.60GHz	700	2082	NA	NA
Intel Core Duo T2250 @ 1.73GHz	761	2050	NA	NA
Intel Core Duo T2300 @ 1.66GHz	732	2060	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo T2350 @ 1.86GHz	764	2048	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2036	49.69	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	832	2021	NA	NA
Intel Core Duo T2500 @ 2.00GHz	875	1996	7.30	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	941	1963	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	1898	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2154	NA	NA
Intel Core Duo U2500 @ 1.20GHz	515	2176	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1434	NA	NA
Intel Core i3-330M @ 2.13GHz	1793	1502	36.92	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1071	1874	NA	NA
Intel Core i3-350M @ 2.27GHz	1901	1447	14.63	\$130.00*
Intel Core i3-370M @ 2.40GHz	2022	1398	8.24	\$245.40*
Intel Core i3-380M @ 2.53GHz	2101	1369	42.90	\$49.00
Intel Core i3-380UM @ 1.33GHz	1168	1818	NA	NA
Intel Core i3-390M @ 2.67GHz	2162	1346	55.52	\$38.95*
Intel Core i3-530 @ 2.93GHz	2580	1194	39.71	\$64.99
Intel Core i3-540 @ 3.07GHz	2691	1161	59.82	\$44.99
Intel Core i3-550 @ 3.20GHz	2836	1113	34.25	\$82.80
Intel Core i3-560 @ 3.33GHz	2960	1075	16.45	\$179.95
Intel Core i3-2100 @ 3.10GHz	3670	883	64.41	\$56.99
Intel Core i3-2100T @ 2.50GHz	2903	1092	16.10	\$180.30*
Intel Core i3-2102 @ 3.10GHz	3817	844	NA	NA
Intel Core i3-2105 @ 3.10GHz	3728	868	31.60	\$118.00
Intel Core i3-2120 @ 3.30GHz	3905	828	68.54	\$56.99
Intel Core i3-2120T @ 2.60GHz	3146	1022	27.85	\$113.00
Intel Core i3-2125 @ 3.30GHz	3996	808	29.60	\$135.00
Intel Core i3-2130 @ 3.40GHz	4052	793	38.41	\$105.50
Intel Core i3-2140 @ 3.50GHz	4325	749	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1111	12.62	\$225.00*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2310M @ 2.10GHz	2428	1239	53.97	\$44.99
Intel Core i3-2312M @ 2.10GHz	2381	1260	NA	NA
Intel Core i3-2328M @ 2.20GHz	2525	1210	NA	NA
Intel Core i3-2330E @ 2.20GHz	3073	1037	NA	NA
Intel Core i3-2330M @ 2.20GHz	2529	1207	50.64	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1259	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1533	NA	NA
Intel Core i3-2348M @ 2.30GHz	2612	1180	NA	NA
Intel Core i3-2350M @ 2.30GHz	2614	1179	62.31	\$41.97
Intel Core i3-2357M @ 1.30GHz	1580	1612	NA	NA
Intel Core i3-2365M @ 1.40GHz	1670	1567	NA	NA
Intel Core i3-2367M @ 1.40GHz	1701	1546	NA	NA
Intel Core i3-2370M @ 2.40GHz	2757	1141	46.73	\$59.00*
Intel Core i3-2375M @ 1.50GHz	1782	1504	NA	NA
Intel Core i3-2377M @ 1.50GHz	1817	1490	NA	NA
Intel Core i3-3110M @ 2.40GHz	3070	1038	21.94	\$139.95
Intel Core i3-3120M @ 2.50GHz	3212	998	20.08	\$160.00*
Intel Core i3-3130M @ 2.60GHz	3374	955	NA	NA
Intel Core i3-3210 @ 3.20GHz	4023	799	33.81	\$119.01
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	1291	6.62	\$347.12*
Intel Core i3-3217UE @ 1.60GHz	2162	1347	NA	NA
Intel Core i3-3220 @ 3.30GHz	4227	762	62.18	\$67.99
Intel Core i3-3220T @ 2.80GHz	3694	878	18.37	\$201.11
Intel Core i3-3225 @ 3.30GHz	4333	744	16.44	\$263.50
Intel Core i3-3227U @ 1.90GHz	2458	1231	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1686	1556	NA	NA
Intel Core i3-3240 @ 3.40GHz	4310	750	63.41	\$67.99
Intel Core i3-3240T @ 2.90GHz	3653	886	NA	NA
Intel Core i3-3245 @ 3.40GHz	4431	720	35.75	\$123.95
Intel Core i3-3250 @ 3.50GHz	4434	719	10.01	\$443.10*
Intel Core i3-3250T @ 3.00GHz	3021	1057	NA	NA
Intel Core i3-4000M @ 2.40GHz	3236	992	16.18	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2447	1236	NA	NA
Intel Core i3-4010U @ 1.70GHz	2446	1237	19.68	\$124.31
Intel Core i3-4010Y @ 1.30GHz	1883	1462	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2186	1337	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2203	1331	NA	NA
Intel Core i3-4025U @ 1.90GHz	2766	1137	NA	NA
Intel Core i3-4030U @ 1.90GHz	2704	1159	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2482	1227	NA	NA
Intel Core i3-4100M @ 2.50GHz	3451	935	15.79	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	833	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1094	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1049	NA	NA
Intel Core i3-4130 @ 3.40GHz	4792	663	27.28	\$175.70
Intel Core i3-4130T @ 2.90GHz	4119	784	46.29	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4897	642	39.19	\$124.99
Intel Core i3-4150T @ 3.00GHz	4204	766	18.29	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1088	NA	NA
Intel Core i3-4160 @ 3.60GHz	5042	617	39.39	\$128.00
Intel Core i3-4160T @ 3.10GHz	4371	738	30.79	\$141.99*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4170 @ 3.70GHz	5178	596	39.86	\$129.93
Intel Core i3-4170T @ 3.20GHz	4560	701	27.64	\$165.00*
Intel Core i3-4330 @ 3.50GHz	5081	613	12.70	\$400.00
Intel Core i3-4330T @ 3.00GHz	4482	716	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3133	1026	NA	NA
Intel Core i3-4340 @ 3.60GHz	5240	590	24.95	\$210.00*
Intel Core i3-4350 @ 3.60GHz	4915	641	39.01	\$125.99*
Intel Core i3-4350T @ 3.10GHz	4302	752	NA	NA
Intel Core i3-4360 @ 3.70GHz	5472	562	15.55	\$352.00*
Intel Core i3-4360T @ 3.20GHz	4636	682	NA	NA
Intel Core i3-4370 @ 3.80GHz	5589	543	23.12	\$241.78*
Intel Core i3-4570T @ 2.90GHz	4934	634	NA	NA
Intel Core i3-5005U @ 2.00GHz	2919	1086	NA	NA
Intel Core i3-5010U @ 2.10GHz	3064	1044	8.45	\$362.48
Intel Core i3-5015U @ 2.10GHz	3032	1053	NA	NA
Intel Core i3-5020U @ 2.20GHz	3178	1009	6.93	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	882	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-6006U @ 2.00GHz	3138	1024	NA	NA
Intel Core i3-6098P @ 3.60GHz	5565	547	41.61	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5490	557	43.23	\$127.00
Intel Core i3-6100E @ 2.70GHz	3769	859	NA	NA
Intel Core i3-6100H @ 2.70GHz	4162	782	NA	NA
Intel Core i3-6100T @ 3.20GHz	4830	656	48.79	\$99.00
Intel Core i3-6100TE @ 2.70GHz	4334	743	NA	NA
Intel Core i3-6100U @ 2.30GHz	3572	905	6.94	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3828	840	NA	NA
Intel Core i3-6300 @ 3.80GHz	5846	515	39.62	\$147.56
Intel Core i3-6300T @ 3.30GHz	5229	591	31.35	\$166.82
Intel Core i3-6320 @ 3.90GHz	6054	493	37.84	\$159.99
Intel Core i3-7100 @ 3.90GHz	5849	514	53.18	\$109.99
Intel Core i3-7100H @ 3.00GHz	5038	619	22.39	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5172	597	NA	NA
Intel Core i3-7100U @ 2.40GHz	3699	877	NA	NA
Intel Core i3-7101TE @ 3.40GHz	4927	639	42.12	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4495	715	16.00	\$281.00*
Intel Core i3-7300 @ 4.00GHz	6474	452	40.47	\$159.99*
Intel Core i3-7300T @ 3.50GHz	5366	578	NA	NA
Intel Core i3-7320 @ 4.10GHz	6591	443	38.55	\$170.99*
Intel Core i3-7350K @ 4.20GHz	6718	430	48.33	\$139.00
Intel Core i3-8100 @ 3.60GHz	8092	324	62.79	\$128.89
Intel Core i3-8350K @ 4.00GHz	9733	210	42.32	\$229.99
Intel Core i5 750S @ 2.40GHz	2197	1333	8.72	\$252.01
Intel Core i5 E 520 @ 2.40GHz	2486	1226	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3648	887	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3706	874	NA	NA
Intel Core i5-430M @ 2.27GHz	2101	1370	19.10	\$109.99*
Intel Core i5-430UM @ 1.20GHz	1336	1721	NA	NA
Intel Core i5-450M @ 2.40GHz	2115	1363	66.21	\$31.95*
Intel Core i5-460M @ 2.53GHz	2333	1272	29.19	\$79.95*
Intel Core i5-470UM @ 1.33GHz	1270	1766	NA	NA
Intel Core i5-480M @ 2.67GHz	2418	1244	30.01	\$80.60*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-520 @ 2.40GHz	2244	1316	NA	NA
Intel Core i5-520M @ 2.40GHz	2376	1263	39.61	\$60.00
Intel Core i5-520UM @ 1.07GHz	1349	1714	NA	NA
Intel Core i5-540M @ 2.53GHz	2447	1235	12.88	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1410	1685	NA	NA
Intel Core i5-560M @ 2.67GHz	2592	1189	16.21	\$159.95*
Intel Core i5-560UM @ 1.33GHz	1664	1574	NA	NA
Intel Core i5-580M @ 2.67GHz	2637	1174	23.99	\$109.95*
Intel Core i5-650 @ 3.20GHz	3113	1028	28.97	\$107.50
Intel Core i5-655K @ 3.20GHz	3401	949	NA	NA
Intel Core i5-660 @ 3.33GHz	3255	986	31.63	\$102.90
Intel Core i5-661 @ 3.33GHz	3181	1007	12.62	\$252.01
Intel Core i5-670 @ 3.47GHz	3312	970	13.15	\$252.01
Intel Core i5-680 @ 3.60GHz	3508	918	31.89	\$109.99
Intel Core i5-750 @ 2.67GHz	3709	872	15.75	\$235.50
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-760 @ 2.80GHz	3899	829	16.96	\$229.95
Intel Core i5-2300 @ 2.80GHz	5338	583	53.39	\$99.99
Intel Core i5-2310 @ 2.90GHz	5509	555	28.96	\$190.25*
Intel Core i5-2320 @ 3.00GHz	5741	529	35.89	\$160.00
Intel Core i5-2380P @ 3.10GHz	5677	534	31.54	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4276	753	42.81	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5917	504	82.18	\$72.00
Intel Core i5-2400S @ 2.50GHz	4933	635	33.90	\$145.55
Intel Core i5-2405S @ 2.50GHz	4980	627	10.56	\$471.59*
Intel Core i5-2410M @ 2.30GHz	3163	1015	30.15	\$104.95*
Intel Core i5-2415M @ 2.30GHz	3311	971	NA	NA
Intel Core i5-2430M @ 2.40GHz	3274	976	21.83	\$150.00*
Intel Core i5-2435M @ 2.40GHz	3269	978	NA	NA
Intel Core i5-2450M @ 2.50GHz	3400	950	26.16	\$130.00*
Intel Core i5-2450P @ 3.20GHz	6132	485	28.53	\$214.99*
Intel Core i5-2467M @ 1.60GHz	2331	1273	NA	NA
Intel Core i5-2500 @ 3.30GHz	6305	469	36.03	\$175.00
Intel Core i5-2500K @ 3.30GHz	6468	455	21.49	\$300.97
Intel Core i5-2500S @ 2.70GHz	5296	588	31.21	\$169.70
Intel Core i5-2500T @ 2.30GHz	4680	674	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	881	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	969	NA	NA
Intel Core i5-2520M @ 2.50GHz	3578	904	21.10	\$169.60
Intel Core i5-2537M @ 1.40GHz	2083	1376	NA	NA
Intel Core i5-2540M @ 2.60GHz	3771	857	53.92	\$69.95
Intel Core i5-2550K @ 3.40GHz	6692	431	35.41	\$189.00*
Intel Core i5-2557M @ 1.70GHz	2643	1170	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	863	NA	NA
Intel Core i5-3210M @ 2.50GHz	3809	847	18.58	\$205.00*
Intel Core i5-3230M @ 2.60GHz	3927	822	15.28	\$256.95*
Intel Core i5-3317U @ 1.70GHz	3089	1034	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4077	790	33.22	\$122.74*
Intel Core i5-3330 @ 3.00GHz	5904	506	45.77	\$129.00
Intel Core i5-3330S @ 2.70GHz	5648	537	41.84	\$134.99
Intel Core i5-3335S @ 2.70GHz	5768	522	NA	NA
Intel Core i5-3337U @ 1.80GHz	3212	999	14.28	\$225.00*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3339Y @ 1.50GHz	2228	1323	NA	NA
Intel Core i5-3340 @ 3.10GHz	6052	494	30.41	\$199.01
Intel Core i5-3340M @ 2.70GHz	4233	760	52.96	\$79.95
Intel Core i5-3340S @ 2.80GHz	5794	518	18.11	\$320.00
Intel Core i5-3350P @ 3.10GHz	6122	486	20.97	\$292.01
Intel Core i5-3360M @ 2.80GHz	4417	727	20.80	\$212.35*
Intel Core i5-3380M @ 2.90GHz	4406	729	NA	NA
Intel Core i5-3427U @ 1.80GHz	3539	911	8.43	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3613	893	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2890	1098	NA	NA
Intel Core i5-3450 @ 3.10GHz	6491	449	31.82	\$204.01
Intel Core i5-3450S @ 2.80GHz	6158	481	41.21	\$149.45
Intel Core i5-3470 @ 3.20GHz	6644	436	50.03	\$132.81
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3470S @ 2.90GHz	6280	471	36.96	\$169.90
Intel Core i5-3470T @ 2.90GHz	4530	708	14.67	\$308.95
Intel Core i5-3475S @ 2.90GHz	6471	454	75.34	\$85.90*
Intel Core i5-3550 @ 3.30GHz	6890	416	23.89	\$288.40
Intel Core i5-3550S @ 3.00GHz	6837	419	19.54	\$350.00
Intel Core i5-3570 @ 3.40GHz	7055	404	31.05	\$227.20
Intel Core i5-3570K @ 3.40GHz	7156	394	26.02	\$275.00
Intel Core i5-3570S @ 3.10GHz	6681	434	23.44	\$285.00
Intel Core i5-3570T @ 2.30GHz	5877	509	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3722	869	NA	NA
Intel Core i5-4200H @ 2.80GHz	4429	721	NA	NA
Intel Core i5-4200M @ 2.50GHz	4039	796	22.44	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3276	975	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1251	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2254	1312	NA	NA
Intel Core i5-4210H @ 2.90GHz	4526	710	NA	NA
Intel Core i5-4210M @ 2.60GHz	4194	772	13.53	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3393	951	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2360	1268	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1310	NA	NA
Intel Core i5-4250U @ 1.30GHz	3442	939	6.76	\$509.00
Intel Core i5-4258U @ 2.40GHz	4093	786	NA	NA
Intel Core i5-4260U @ 1.40GHz	3560	908	NA	NA
Intel Core i5-4278U @ 2.60GHz	4332	745	NA	NA
Intel Core i5-4288U @ 2.60GHz	4404	730	NA	NA
Intel Core i5-4300M @ 2.60GHz	4410	728	NA	NA
Intel Core i5-4300U @ 1.90GHz	3739	865	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2527	1209	NA	NA
Intel Core i5-4302Y @ 1.60GHz	3013	1058	NA	NA
Intel Core i5-4308U @ 2.80GHz	4084	788	NA	NA
Intel Core i5-4310M @ 2.70GHz	4565	699	NA	NA
Intel Core i5-4310U @ 2.00GHz	3692	879	NA	NA
Intel Core i5-4330M @ 2.80GHz	4564	700	16.60	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4754	665	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	895	NA	NA
Intel Core i5-4400E @ 2.70GHz	1271	1764	NA	NA
Intel Core i5-4402E @ 1.60GHz	3947	817	NA	NA
Intel Core i5-4430 @ 3.00GHz	6289	470	24.19	\$259.97*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4430S @ 2.70GHz	5854	512	43.37	\$134.99*
Intel Core i5-4440 @ 3.10GHz	6468	456	19.31	\$334.97*
Intel Core i5-4440S @ 2.80GHz	6145	483	13.13	\$468.18*
Intel Core i5-4460 @ 3.20GHz	6683	433	35.18	\$189.97
Intel Core i5-4460S @ 2.90GHz	6367	466	NA	NA
Intel Core i5-4460T @ 1.90GHz	4930	636	NA	NA
Intel Core i5-4570 @ 3.20GHz	7080	401	23.61	\$299.95
Intel Core i5-4570R @ 2.70GHz	6689	432	NA	NA
Intel Core i5-4570S @ 2.90GHz	6725	429	16.41	\$409.95
Intel Core i5-4570T @ 2.90GHz	4807	661	11.76	\$408.95
Intel Core i5-4570TE @ 2.70GHz	4008	805	14.93	\$268.42*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4590 @ 3.30GHz	7247	385	29.51	\$245.60
Intel Core i5-4590S @ 3.00GHz	6970	409	23.31	\$299.00*
Intel Core i5-4590T @ 2.00GHz	5530	552	NA	NA
Intel Core i5-4670 @ 3.40GHz	7396	376	20.55	\$359.95
Intel Core i5-4670K @ 3.40GHz	7623	359	29.32	\$259.99
Intel Core i5-4670K CPT @ 3.40GHz	7411	374	NA	NA
Intel Core i5-4670S @ 3.10GHz	6436	458	NA	NA
Intel Core i5-4670T @ 2.30GHz	6234	473	28.34	\$220.00*
Intel Core i5-4690 @ 3.50GHz	7609	360	20.71	\$367.50
Intel Core i5-4690K @ 3.50GHz	7780	346	30.04	\$259.01*
Intel Core i5-4690S @ 3.20GHz	7391	377	11.86	\$623.00*
Intel Core i5-4690T @ 2.50GHz	6392	463	NA	NA
Intel Core i5-5200U @ 2.20GHz	3497	919	NA	NA
Intel Core i5-5250U @ 1.60GHz	3620	890	8.19	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4393	732	NA	NA
Intel Core i5-5287U @ 2.90GHz	4653	678	NA	NA
Intel Core i5-5300U @ 2.30GHz	3768	860	7.86	\$479.49*
Intel Core i5-5350U @ 1.80GHz	3024	1055	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	371	NA	NA
Intel Core i5-5675C @ 3.10GHz	8151	318	26.66	\$305.77
Intel Core i5-5675R @ 3.10GHz	8061	325	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4184	775	NA	NA
Intel Core i5-6200U @ 2.30GHz	4009	802	NA	NA
Intel Core i5-6260U @ 1.80GHz	4374	736	8.43	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4940	633	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	666	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6050	495	NA	NA
Intel Core i5-6300U @ 2.40GHz	4378	735	NA	NA
Intel Core i5-6360U @ 2.00GHz	4836	654	NA	NA
Intel Core i5-6400 @ 2.70GHz	6739	428	35.56	\$189.52
Intel Core i5-6400T @ 2.20GHz	5583	545	33.04	\$169.00
Intel Core i5-6402P @ 2.80GHz	7422	372	39.07	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	519	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6747	427	NA	NA
Intel Core i5-6500 @ 3.20GHz	7228	387	35.27	\$204.99
Intel Core i5-6500T @ 2.50GHz	6198	476	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6483	450	NA	NA
Intel Core i5-6600 @ 3.30GHz	7741	352	33.82	\$228.91
Intel Core i5-6600K @ 3.50GHz	8028	330	33.45	\$239.99
Intel Core i5-6600T @ 2.70GHz	7249	384	15.35	\$472.40*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7200U @ 2.50GHz	4676	675	NA	NA
Intel Core i5-7260U @ 2.20GHz	5762	524	NA	NA
Intel Core i5-7267U @ 3.10GHz	5350	581	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6861	418	NA	NA
Intel Core i5-7300U @ 2.60GHz	5136	603	NA	NA
Intel Core i5-7360U @ 2.30GHz	6080	492	NA	NA
Intel Core i5-7400 @ 3.00GHz	7419	373	44.97	\$165.00
Intel Core i5-7400T @ 2.40GHz	6575	445	41.35	\$159.00
Intel Core i5-7440HQ @ 2.80GHz	8118	322	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7500 @ 3.40GHz	8102	323	50.96	\$159.00
Intel Core i5-7500T @ 2.70GHz	7180	391	33.09	\$216.99
Intel Core i5-7600 @ 3.50GHz	8894	274	40.43	\$219.99
Intel Core i5-7600K @ 3.80GHz	9232	247	40.16	\$229.89
Intel Core i5-7600T @ 2.80GHz	8239	310	32.26	\$255.44
Intel Core i5-7640X @ 4.00GHz	9054	263	39.54	\$229.00
Intel Core i5-8250U @ 1.60GHz	7672	357	NA	NA
Intel Core i5-8400 @ 2.80GHz	11446	134	37.04	\$309.00*
Intel Core i5-8600K @ 3.60GHz	13107	107	50.80	\$258.00*
Intel Core i5-24050S @ 2.50GHz	4928	638	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3946	818	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1418	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1205	NA	NA
Intel Core i7-620LM @ 2.00GHz	1939	1431	NA	NA
Intel Core i7-620M @ 2.67GHz	2739	1149	24.91	\$110.01
Intel Core i7-620UM @ 1.07GHz	1323	1727	NA	NA
Intel Core i7-640LM @ 2.13GHz	2241	1318	NA	NA
Intel Core i7-640M @ 2.80GHz	2853	1109	17.84	\$159.95*
Intel Core i7-640UM @ 1.20GHz	1672	1565	NA	NA
Intel Core i7-660UM @ 1.33GHz	1821	1488	NA	NA
Intel Core i7-680UM @ 1.47GHz	1686	1555	NA	NA
Intel Core i7-720QM @ 1.60GHz	3027	1054	38.83	\$77.97
Intel Core i7-740QM @ 1.73GHz	3203	1002	20.03	\$159.95*
Intel Core i7-820QM @ 1.73GHz	3250	987	23.38	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3420	945	9.27	\$368.90*
Intel Core i7-860 @ 2.80GHz	5042	618	25.93	\$194.43
Intel Core i7-860S @ 2.53GHz	4623	685	10.96	\$422.01
Intel Core i7-870 @ 2.93GHz	5388	575	25.19	\$213.89
Intel Core i7-870S @ 2.67GHz	4969	628	NA	NA
Intel Core i7-875K @ 2.93GHz	5470	563	14.03	\$389.99
Intel Core i7-880 @ 3.07GHz	5681	532	9.74	\$583.00*
Intel Core i7-920 @ 2.67GHz	4951	630	20.41	\$242.65
Intel Core i7-920XM @ 2.00GHz	3818	843	23.06	\$165.55*
Intel Core i7-930 @ 2.80GHz	5166	599	10.15	\$508.95*
Intel Core i7-940 @ 2.93GHz	5395	574	18.05	\$299.00
Intel Core i7-940XM @ 2.13GHz	3975	812	NA	NA
Intel Core i7-950 @ 3.07GHz	5585	544	31.38	\$178.00
Intel Core i7-960 @ 3.20GHz	5863	510	19.88	\$295.00
Intel Core i7-965 @ 3.20GHz	5883	507	16.39	\$359.00
Intel Core i7-970 @ 3.20GHz	8430	303	15.33	\$550.00
Intel Core i7-975 @ 3.33GHz	6152	482	9.38	\$656.01
Intel Core i7-980 @ 3.33GHz	8747	283	12.50	\$699.99



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-980X @ 3.33GHz	8850	278	11.06	\$799.99
Intel Core i7-985 @ 3.47GHz	6641	437	NA	NA
Intel Core i7-990X @ 3.47GHz	9138	253	7.62	\$1,199.99
Intel Core i7-995X @ 3.60GHz	9791	205	NA	NA
Intel Core i7-2600 @ 3.40GHz	8213	312	39.11	\$209.99
Intel Core i7-2600K @ 3.40GHz	8468	301	20.40	\$415.00
Intel Core i7-2600S @ 2.80GHz	7067	402	33.82	\$209.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2610UE @ 1.50GHz	2481	1228	NA	NA
Intel Core i7-2617M @ 1.50GHz	2803	1127	NA	NA
Intel Core i7-2620M @ 2.70GHz	3830	838	21.37	\$179.21
Intel Core i7-2630QM @ 2.00GHz	5543	549	29.98	\$184.91*
Intel Core i7-2630UM @ 1.60GHz	3204	1001	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5442	566	NA	NA
Intel Core i7-2637M @ 1.70GHz	2889	1099	NA	NA
Intel Core i7-2640M @ 2.80GHz	3921	824	19.53	\$200.78
Intel Core i7-2655LE @ 2.20GHz	3122	1027	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5915	505	42.56	\$139.00
Intel Core i7-2675QM @ 2.20GHz	5538	550	NA	NA
Intel Core i7-2677M @ 1.80GHz	2834	1115	NA	NA
Intel Core i7-2700K @ 3.50GHz	8749	282	28.32	\$309.00
Intel Core i7-2710QE @ 2.10GHz	5768	523	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	579	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6102	489	35.90	\$169.97*
Intel Core i7-2760QM @ 2.40GHz	6609	442	47.23	\$139.95*
Intel Core i7-2820QM @ 2.30GHz	6621	441	18.40	\$359.95*
Intel Core i7-2840QM @ 2.40GHz	6766	424	NA	NA
Intel Core i7-2860QM @ 2.50GHz	7032	405	11.72	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7085	399	11.64	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7187	389	12.24	\$587.19*
Intel Core i7-3517U @ 1.90GHz	3586	902	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3337	962	NA	NA
Intel Core i7-3520M @ 2.90GHz	4528	709	19.27	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3842	835	NA	NA
Intel Core i7-3540M @ 3.00GHz	4638	681	10.79	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	4130	783	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6472	453	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7465	370	18.66	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6428	460	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6814	422	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7133	396	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7375	379	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7590	362	31.76	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6926	414	19.29	\$359.00*
Intel Core i7-3635QM @ 2.40GHz	6629	439	NA	NA
Intel Core i7-3667U @ 2.00GHz	3966	813	NA	NA
Intel Core i7-3687U @ 2.10GHz	4214	763	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3219	995	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8136	320	24.31	\$334.72*
Intel Core i7-3740QM @ 2.70GHz	8342	306	41.72	\$199.95
Intel Core i7-3770 @ 3.40GHz	9308	244	30.03	\$310.00
Intel Core i7-3770K @ 3.50GHz	9540	222	21.68	\$439.99



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3770S @ 3.10GHz	8876	275	41.50	\$213.90
Intel Core i7-3770T @ 2.50GHz	8190	314	24.82	\$329.99*
Intel Core i7-3820 @ 3.60GHz	9001	268	9.88	\$911.12*
Intel Core i7-3820QM @ 2.70GHz	8494	298	17.44	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8809	280	21.75	\$405.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3920XM @ 2.90GHz	9144	252	8.34	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	12023	130	19.69	\$610.75
Intel Core i7-3940XM @ 3.00GHz	9309	243	17.27	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12655	117	15.91	\$795.50
Intel Core i7-3970X @ 3.50GHz	12641	118	9.17	\$1,377.90
Intel Core i7-4500U @ 1.80GHz	3791	855	NA	NA
Intel Core i7-4510U @ 2.00GHz	3936	820	NA	NA
Intel Core i7-4550U @ 1.50GHz	3826	841	NA	NA
Intel Core i7-4558U @ 2.80GHz	4346	741	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	746	NA	NA
Intel Core i7-4578U @ 3.00GHz	4719	668	NA	NA
Intel Core i7-4600M @ 2.90GHz	4832	655	NA	NA
Intel Core i7-4600U @ 2.10GHz	4092	787	NA	NA
Intel Core i7-4610M @ 3.00GHz	4967	629	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3738	866	NA	NA
Intel Core i7-4650U @ 1.70GHz	4012	801	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7229	386	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7752	348	20.24	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7703	353	40.76	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7499	367	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7128	397	NA	NA
Intel Core i7-4710HQ @ 2.50GHz	7743	349	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7987	335	29.41	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7507	365	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7157	393	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8026	331	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	328	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8263	308	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8340	307	NA	NA
Intel Core i7-4765T @ 2.00GHz	7299	383	27.03	\$269.99*
Intel Core i7-4770 @ 3.40GHz	9793	204	26.05	\$375.90
Intel Core i7-4770HQ @ 2.20GHz	8947	270	NA	NA
Intel Core i7-4770K @ 3.50GHz	10106	183	25.33	\$399.00
Intel Core i7-4770R @ 3.20GHz	9832	203	NA	NA
Intel Core i7-4770S @ 3.10GHz	9322	241	26.79	\$348.00
Intel Core i7-4770T @ 2.50GHz	8665	290	28.04	\$308.99*
Intel Core i7-4770TE @ 2.30GHz	7065	403	NA	NA
Intel Core i7-4771 @ 3.50GHz	9865	201	23.43	\$420.99
Intel Core i7-4785T @ 2.20GHz	7596	361	NA	NA
Intel Core i7-4790 @ 3.60GHz	9998	193	30.22	\$330.87
Intel Core i7-4790K @ 4.00GHz	11191	141	29.27	\$382.37
Intel Core i7-4790S @ 3.20GHz	9587	220	23.17	\$413.84
Intel Core i7-4790T @ 2.70GHz	9052	264	25.21	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8495	297	18.47	\$459.95
Intel Core i7-4810MQ @ 2.80GHz	8659	291	20.38	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9737	209	24.35	\$399.99



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4850HQ @ 2.30GHz	9077	260	20.92	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7897	339	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9220	248	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4870HQ @ 2.50GHz	9342	239	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9070	261	14.89	\$609.29*
Intel Core i7-4910MQ @ 2.90GHz	9458	231	18.55	\$509.95*
Intel Core i7-4930K @ 3.40GHz	13061	108	22.95	\$569.18
Intel Core i7-4930MX @ 3.00GHz	9528	223	8.69	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9940	196	9.85	\$1,008.95*
Intel Core i7-4960HQ @ 2.60GHz	9768	207	15.68	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13852	94	5.94	\$2,333.64
Intel Core i7-4980HQ @ 2.80GHz	10137	182	NA	NA
Intel Core i7-5500U @ 2.40GHz	3966	814	NA	NA
Intel Core i7-5550U @ 2.00GHz	4254	757	NA	NA
Intel Core i7-5557U @ 3.10GHz	4942	631	7.01	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4310	751	NA	NA
Intel Core i7-5650U @ 2.20GHz	4190	773	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	316	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	309	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8379	304	NA	NA
Intel Core i7-5775C @ 3.30GHz	11046	148	25.08	\$440.44
Intel Core i7-5775R @ 3.30GHz	10960	150	NA	NA
Intel Core i7-5820K @ 3.30GHz	13001	111	28.28	\$459.77
Intel Core i7-5850HQ @ 2.70GHz	9459	230	NA	NA
Intel Core i7-5930K @ 3.50GHz	13645	99	21.00	\$649.81
Intel Core i7-5950HQ @ 2.90GHz	10951	151	NA	NA
Intel Core i7-5960X @ 3.00GHz	15994	64	14.90	\$1,073.52
Intel Core i7-6498DU @ 2.50GHz	4551	704	NA	NA
Intel Core i7-6500U @ 2.50GHz	4424	724	NA	NA
Intel Core i7-6560U @ 2.20GHz	4824	657	NA	NA
Intel Core i7-6567U @ 3.30GHz	5620	540	NA	NA
Intel Core i7-6600U @ 2.60GHz	4816	658	NA	NA
Intel Core i7-6650U @ 2.20GHz	4942	632	NA	NA
Intel Core i7-6700 @ 3.40GHz	10014	192	38.52	\$259.99
Intel Core i7-6700HQ @ 2.60GHz	8141	319	5.40	\$1,509.00*
Intel Core i7-6700K @ 4.00GHz	11110	144	33.17	\$334.99
Intel Core i7-6700T @ 2.80GHz	9060	262	30.51	\$297.00
Intel Core i7-6700TE @ 2.40GHz	9094	258	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9706	215	9.69	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13616	101	41.90	\$324.99
Intel Core i7-6820EQ @ 2.80GHz	8824	279	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9115	256	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8796	281	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6262	472	NA	NA
Intel Core i7-6850K @ 3.60GHz	14397	82	41.73	\$344.99
Intel Core i7-6900K @ 3.20GHz	17707	38	17.74	\$998.00
Intel Core i7-6920HQ @ 2.90GHz	9603	219	NA	NA
Intel Core i7-6950X @ 3.00GHz	19972	22	13.32	\$1,499.89
Intel Core i7-7500U @ 2.70GHz	5212	592	NA	NA
Intel Core i7-7560U @ 2.40GHz	5968	500	NA	NA
Intel Core i7-7567U @ 3.50GHz	6532	448	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7600U @ 2.80GHz	5624	538	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7660U @ 2.50GHz	6105	488	NA	NA
Intel Core i7-7700 @ 3.60GHz	10807	153	36.27	\$297.99
Intel Core i7-7700HQ @ 2.80GHz	8931	272	NA	NA
Intel Core i7-7700K @ 4.20GHz	12105	128	38.43	\$315.00
Intel Core i7-7700T @ 2.90GHz	9274	245	32.09	\$289.00
Intel Core i7-7740X @ 4.30GHz	12278	125	37.21	\$329.99
Intel Core i7-7800X @ 3.50GHz	14733	77	38.77	\$379.99
Intel Core i7-7820HK @ 2.90GHz	10094	184	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9408	234	NA	NA
Intel Core i7-7820X @ 3.60GHz	18754	31	32.96	\$568.99
Intel Core i7-7900X @ 3.30GHz	18803	29	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	10161	180	NA	NA
Intel Core i7-8550U @ 1.80GHz	7968	336	NA	NA
Intel Core i7-8700 @ 3.20GHz	15520	66	34.09	\$455.28
Intel Core i7-8700K @ 3.70GHz	16416	54	39.57	\$414.89
Intel Core i9-7900X @ 3.30GHz	22599	8	23.30	\$969.99
Intel Core i9-7920X @ 2.90GHz	23500	5	19.90	\$1,180.78
Intel Core i9-7940X @ 3.10GHz	25859	3	18.48	\$1,399.00
Intel Core i9-7960X @ 2.80GHz	26346	2	15.50	\$1,700.02
Intel Core i9-7980XE @ 2.60GHz	27559	1	13.12	\$2,099.99*
Intel Core m3-6Y30 @ 0.90GHz	3051	1048	NA	NA
Intel Core m3-7Y30 @ 1.00GHz	3532	915	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3527	916	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3325	966	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3238	990	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3550	909	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2741	1148	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2150	1351	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2811	1125	10.01	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2763	1139	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2551	1203	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3009	1059	NA	NA
Intel Core M-5Y71 @ 1.20GHz	3064	1043	10.91	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	395	2302	NA	NA
Intel Core Solo T1350 @ 1.86GHz	402	2293	NA	NA
Intel Core Solo T1400 @ 1.83GHz	472	2217	NA	NA
Intel Core Solo U1300 @ 1.06GHz	276	2456	NA	NA
Intel Core Solo U1400 @ 1.20GHz	282	2445	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2373	NA	NA
Intel E3000 @ 3.40GHz	2767	1136	NA	NA
Intel Pentium 4 1.40GHz	164	2561	NA	NA
Intel Pentium 4 1.50GHz	131	2577	NA	NA
Intel Pentium 4 1.60GHz	129	2579	NA	NA
Intel Pentium 4 1.70GHz	133	2576	NA	NA
Intel Pentium 4 1.80GHz	161	2564	NA	NA
Intel Pentium 4 1.90GHz	159	2565	NA	NA
Intel Pentium 4 2.00GHz	189	2542	NA	NA
Intel Pentium 4 2.20GHz	210	2526	NA	NA
Intel Pentium 4 2.26GHz	221	2515	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.40GHz	228	2509	NA	NA
Intel Pentium 4 2.50GHz	245	2493	NA	NA
Intel Pentium 4 2.53GHz	248	2491	NA	NA
Intel Pentium 4 2.60GHz	288	2431	NA	NA
Intel Pentium 4 2.66GHz	254	2480	NA	NA
Intel Pentium 4 2.80GHz	322	2380	NA	NA
Intel Pentium 4 2.93GHz	303	2409	NA	NA
Intel Pentium 4 3.00GHz	353	2351	NA	NA
Intel Pentium 4 3.06GHz	347	2356	NA	NA
Intel Pentium 4 3.20GHz	375	2323	NA	NA
Intel Pentium 4 3.40GHz	396	2301	NA	NA
Intel Pentium 4 3.46GHz	487	2199	NA	NA
Intel Pentium 4 3.60GHz	491	2195	NA	NA
Intel Pentium 4 3.73GHz	486	2201	NA	NA
Intel Pentium 4 3.80GHz	485	2204	NA	NA
Intel Pentium 4 4.00GHz	184	2548	NA	NA
Intel Pentium 4 1300MHz	119	2582	NA	NA
Intel Pentium 4 1400MHz	127	2580	NA	NA
Intel Pentium 4 1500MHz	125	2581	NA	NA
Intel Pentium 4 1600MHz	193	2541	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2568	NA	NA
Intel Pentium 4 1800MHz	162	2563	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2571	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2537	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2554	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2529	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2556	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2527	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2533	NA	NA
Intel Pentium 5 2.66GHz	705	2078	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	1858	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1153	1828	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	1833	NA	NA
Intel Pentium 987 @ 1.50GHz	1223	1791	NA	NA
Intel Pentium 997 @ 1.60GHz	1460	1663	NA	NA
Intel Pentium 1403 @ 2.60GHz	2747	1146	NA	NA
Intel Pentium 2020M @ 2.40GHz	2293	1292	17.12	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2415	1245	18.03	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1651	1578	12.33	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1829	1484	13.65	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1044	1884	7.80	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2303	1286	NA	NA
Intel Pentium 3556U @ 1.70GHz	1710	1538	NA	NA
Intel Pentium 3558U @ 1.70GHz	1698	1548	NA	NA
Intel Pentium 3560M @ 2.40GHz	2275	1302	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1767	NA	NA
Intel Pentium 3805U @ 1.90GHz	1993	1410	NA	NA
Intel Pentium 3825U @ 1.90GHz	2573	1200	NA	NA
Intel Pentium 4405U @ 2.10GHz	2975	1071	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4405Y @ 1.50GHz	2058	1385	NA	NA
Intel Pentium 4415U @ 2.30GHz	3218	997	NA	NA
Intel Pentium A1018 @ 2.10GHz	1605	1599	NA	NA
Intel Pentium B940 @ 2.00GHz	1725	1531	57.62	\$29.94*
Intel Pentium B950 @ 2.10GHz	1709	1539	NA	NA
Intel Pentium B960 @ 2.20GHz	1856	1473	37.90	\$48.99*
Intel Pentium B970 @ 2.30GHz	1965	1420	38.54	\$50.99*
Intel Pentium B980 @ 2.40GHz	2049	1387	29.29	\$69.95*
Intel Pentium D 805 @ 2.66GHz	534	2165	NA	NA
Intel Pentium D 830 @ 3.00GHz	644	2105	NA	NA
Intel Pentium D 915 @ 2.80GHz	584	2135	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2074	NA	NA
Intel Pentium D 950 @ 3.40GHz	741	2058	NA	NA
Intel Pentium D 960 @ 3.60GHz	823	2024	NA	NA
Intel Pentium E2140 @ 1.60GHz	870	1999	57.30	\$15.20
Intel Pentium E2160 @ 1.80GHz	998	1918	24.97	\$40.00
Intel Pentium E2180 @ 2.00GHz	1088	1863	8.38	\$129.95
Intel Pentium E2200 @ 2.20GHz	1204	1802	7.63	\$157.95
Intel Pentium E2210 @ 2.20GHz	1174	1814	NA	NA
Intel Pentium E2220 @ 2.40GHz	1333	1722	8.44	\$157.95
Intel Pentium E5200 @ 2.50GHz	1489	1649	15.04	\$99.00
Intel Pentium E5300 @ 2.60GHz	1548	1623	62.05	\$24.95
Intel Pentium E5400 @ 2.70GHz	1596	1606	10.11	\$157.95
Intel Pentium E5500 @ 2.80GHz	1634	1587	10.35	\$157.95
Intel Pentium E5700 @ 3.00GHz	1743	1522	124.63	\$13.99
Intel Pentium E5800 @ 3.20GHz	1911	1442	43.44	\$44.00
Intel Pentium E6300 @ 2.80GHz	1701	1545	113.84	\$14.95*
Intel Pentium E6500 @ 2.93GHz	1762	1513	11.16	\$157.95
Intel Pentium E6600 @ 3.06GHz	1875	1466	133.99	\$14.00
Intel Pentium E6700 @ 3.20GHz	1950	1424	37.58	\$51.90
Intel Pentium E6800 @ 3.33GHz	2032	1395	2.44	\$831.38*
Intel Pentium Extreme Edition 955 @ 3.46GHz	905	1986	1.19	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	1940	NA	NA
Intel Pentium G620 @ 2.60GHz	2302	1288	92.15	\$24.99
Intel Pentium G620T @ 2.20GHz	2052	1386	25.66	\$79.99*
Intel Pentium G630 @ 2.70GHz	2369	1264	94.80	\$24.99
Intel Pentium G630T @ 2.30GHz	2123	1362	26.54	\$79.99*
Intel Pentium G640 @ 2.80GHz	2525	1211	101.07	\$24.99
Intel Pentium G640T @ 2.40GHz	1906	1444	NA	NA
Intel Pentium G645 @ 2.90GHz	2602	1185	27.39	\$95.00*
Intel Pentium G645T @ 2.50GHz	2313	1282	NA	NA
Intel Pentium G840 @ 2.80GHz	2578	1196	42.98	\$59.99*
Intel Pentium G850 @ 2.90GHz	2663	1166	95.17	\$27.99
Intel Pentium G860 @ 3.00GHz	2755	1143	91.88	\$29.99
Intel Pentium G870 @ 3.10GHz	2836	1114	29.24	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2618	1178	72.76	\$35.99
Intel Pentium G2020 @ 2.90GHz	2768	1134	46.18	\$59.95
Intel Pentium G2020T @ 2.50GHz	2486	1225	38.85	\$64.00*
Intel Pentium G2030 @ 3.00GHz	2883	1102	70.34	\$40.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2030T @ 2.60GHz	2470	1230	38.60	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1128	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2120 @ 3.10GHz	3074	1036	19.34	\$158.95*
Intel Pentium G2130 @ 3.20GHz	3210	1000	35.67	\$89.99
Intel Pentium G2140 @ 3.30GHz	3387	952	40.33	\$84.00
Intel Pentium G3220 @ 3.00GHz	3151	1019	30.71	\$102.60
Intel Pentium G3220T @ 2.60GHz	2599	1186	65.01	\$39.99*
Intel Pentium G3240 @ 3.10GHz	3183	1006	44.92	\$70.88*
Intel Pentium G3240T @ 2.70GHz	2936	1084	NA	NA
Intel Pentium G3250 @ 3.20GHz	3260	983	36.66	\$88.95
Intel Pentium G3250T @ 2.80GHz	2970	1072	64.59	\$45.99*
Intel Pentium G3258 @ 3.20GHz	3911	826	39.19	\$99.79
Intel Pentium G3260 @ 3.30GHz	3381	953	41.23	\$82.03
Intel Pentium G3260T @ 2.90GHz	2919	1085	29.20	\$99.99
Intel Pentium G3320TE @ 2.30GHz	2389	1255	NA	NA
Intel Pentium G3420 @ 3.20GHz	3419	946	16.98	\$201.41*
Intel Pentium G3420T @ 2.70GHz	3008	1060	39.98	\$75.25*
Intel Pentium G3430 @ 3.30GHz	3475	930	29.92	\$116.15*
Intel Pentium G3440 @ 3.30GHz	3329	965	18.99	\$175.31
Intel Pentium G3440T @ 2.80GHz	3101	1032	NA	NA
Intel Pentium G3450 @ 3.40GHz	3707	873	21.13	\$175.48*
Intel Pentium G3450T @ 2.90GHz	2967	1074	NA	NA
Intel Pentium G3460 @ 3.50GHz	3603	896	12.50	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3702	875	35.50	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3589	900	66.97	\$53.60
Intel Pentium G4400T @ 2.90GHz	3243	989	NA	NA
Intel Pentium G4500 @ 3.50GHz	3799	852	50.88	\$74.68
Intel Pentium G4500T @ 3.00GHz	3471	931	NA	NA
Intel Pentium G4520 @ 3.60GHz	4195	771	46.10	\$91.00
Intel Pentium G4560 @ 3.50GHz	4929	637	49.30	\$99.99*
Intel Pentium G4560T @ 2.90GHz	4181	776	NA	NA
Intel Pentium G4600 @ 3.60GHz	5134	605	59.03	\$86.99
Intel Pentium G4600T @ 3.00GHz	4328	748	NA	NA
Intel Pentium G4620 @ 3.70GHz	5318	585	53.19	\$99.99*
Intel Pentium G6950 @ 2.80GHz	1843	1476	14.75	\$125.00*
Intel Pentium G6951 @ 2.80GHz	2311	1283	24.59	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2097	1373	NA	NA
Intel Pentium III 933S @ 933MHz	238	2501	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2441	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2453	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2399	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2418	NA	NA
Intel Pentium III 1400S @ 1400MHz	301	2413	NA	NA
Intel Pentium III Mobile 750MHz	103	2585	NA	NA
Intel Pentium III Mobile 800MHz	182	2552	NA	NA
Intel Pentium III Mobile 866MHz	152	2569	NA	NA
Intel Pentium III Mobile 933MHz	218	2518	8.58	\$25.51*
Intel Pentium III Mobile 1000MHz	245	2492	NA	NA
Intel Pentium III Mobile 1066MHz	268	2465	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III Mobile 1133MHz	251	2486	NA	NA
Intel Pentium III Mobile 1200MHz	262	2473	NA	NA
Intel Pentium J2850 @ 2.41GHz	1826	1485	NA	NA
Intel Pentium J2900 @ 2.41GHz	1977	1415	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium J3710 @ 1.60GHz	1987	1413	NA	NA
Intel Pentium J4205 @ 1.50GHz	2300	1289	NA	NA
Intel Pentium M 1.10GHz	282	2444	NA	NA
Intel Pentium M 1.20GHz	298	2417	NA	NA
Intel Pentium M 1.30GHz	301	2412	NA	NA
Intel Pentium M 1.40GHz	345	2360	NA	NA
Intel Pentium M 1.50GHz	367	2333	NA	NA
Intel Pentium M 1.60GHz	364	2340	NA	NA
Intel Pentium M 1.70GHz	405	2287	NA	NA
Intel Pentium M 1.73GHz	415	2274	NA	NA
Intel Pentium M 1.80GHz	406	2284	NA	NA
Intel Pentium M 1.86GHz	437	2252	NA	NA
Intel Pentium M 2.00GHz	465	2221	NA	NA
Intel Pentium M 2.10GHz	448	2240	NA	NA
Intel Pentium M 2.13GHz	509	2182	NA	NA
Intel Pentium M 2.26GHz	509	2183	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2208	NA	NA
Intel Pentium M 900MHz	220	2516	NA	NA
Intel Pentium M 1000MHz	233	2506	NA	NA
Intel Pentium M 1100MHz	259	2476	NA	NA
Intel Pentium M 1200MHz	237	2502	NA	NA
Intel Pentium M 1300MHz	303	2406	NA	NA
Intel Pentium M 1400MHz	321	2381	NA	NA
Intel Pentium M 1500MHz	354	2348	NA	NA
Intel Pentium M 1600MHz	342	2362	NA	NA
Intel Pentium M 1700MHz	376	2322	NA	NA
Intel Pentium N3510 @ 1.99GHz	1535	1630	NA	NA
Intel Pentium N3520 @ 2.16GHz	1798	1497	NA	NA
Intel Pentium N3530 @ 2.16GHz	1890	1452	NA	NA
Intel Pentium N3540 @ 2.16GHz	1944	1429	7.75	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1851	1474	4.16	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1945	1427	NA	NA
Intel Pentium N4200 @ 1.10GHz	2024	1397	NA	NA
Intel Pentium P6000 @ 1.87GHz	1257	1772	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	1726	110.54	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1345	1717	22.42	\$59.99*
Intel Pentium P6300 @ 2.27GHz	1395	1692	NA	NA
Intel Pentium SU2700 @ 1.30GHz	407	2283	NA	NA
Intel Pentium SU4100 @ 1.30GHz	864	2001	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2014	NA	NA
Intel Pentium T2060 @ 1.60GHz	672	2093	NA	NA
Intel Pentium T2080 @ 1.73GHz	710	2075	4.44	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2076	NA	NA
Intel Pentium T2310 @ 1.46GHz	723	2066	NA	NA
Intel Pentium T2330 @ 1.60GHz	835	2019	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2370 @ 1.73GHz	847	2011	24.21	\$35.00
Intel Pentium T2390 @ 1.86GHz	940	1964	NA	NA
Intel Pentium T2410 @ 2.00GHz	996	1921	NA	NA
Intel Pentium T3200 @ 2.00GHz	1026	1896	85.57	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1113	1843	79.56	\$14.00
Intel Pentium T4200 @ 2.00GHz	1149	1830	95.79	\$12.00



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T4300 @ 2.10GHz	1241	1782	NA	NA
Intel Pentium T4400 @ 2.20GHz	1281	1756	NA	NA
Intel Pentium T4500 @ 2.30GHz	1336	1719	NA	NA
Intel Pentium U5400 @ 1.20GHz	838	2018	NA	NA
Intel Pentium U5600 @ 1.33GHz	977	1934	NA	NA
Intel T1200 @ 1.50GHz	435	2257	NA	NA
Intel T1400 @ 1.73GHz	917	1977	NA	NA
Intel T1500 @ 1.86GHz	965	1942	NA	NA
Intel T2050 @ 2.00GHz	959	1953	NA	NA
Intel Xeon 2.00GHz	233	2505	NA	NA
Intel XEON 2.20GHz	252	2484	NA	NA
Intel Xeon 2.40GHz	276	2457	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2256	NA	NA
Intel Xeon 2.80GHz	400	2297	NA	NA
Intel Xeon 3.00GHz	391	2308	NA	NA
Intel Xeon 3.06GHz	491	2192	NA	NA
Intel Xeon 3.20GHz	461	2225	NA	NA
Intel Xeon 3.40GHz	478	2211	NA	NA
Intel Xeon 3.60GHz	500	2187	0.59	\$851.00*
Intel Xeon 3.73GHz	1041	1887	NA	NA
Intel Xeon 3.80GHz	604	2126	0.71	\$851.00*
Intel Xeon 1500MHz	193	2540	NA	NA
Intel Xeon 3040 @ 1.86GHz	1281	1757	51.16	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1311	1730	52.04	\$25.20*
Intel Xeon 3060 @ 2.40GHz	1518	1639	52.94	\$28.69*
Intel Xeon 3065 @ 2.33GHz	1504	1645	71.99	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1776	1507	4.34	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1480	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1801	1496	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	1872	110.30	\$9.79*
Intel Xeon 5120 @ 1.86GHz	1249	1777	127.60	\$9.79*
Intel Xeon 5130 @ 2.00GHz	1378	1698	140.79	\$9.79*
Intel Xeon 5133 @ 2.20GHz	1598	1604	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1584	45.55	\$35.99*
Intel Xeon 5148 @ 2.33GHz	1590	1608	39.78	\$39.99*
Intel Xeon 5150 @ 2.66GHz	1743	1521	109.05	\$15.99*
Intel Xeon 5160 @ 3.00GHz	1965	1419	134.66	\$14.60*
Intel Xeon D-1518 @ 2.20GHz	4700	670	NA	NA
Intel Xeon D-1520 @ 2.20GHz	6396	462	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	408	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8612	294	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	211	27.96	\$348.00*
Intel Xeon D-1540 @ 2.00GHz	10573	159	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1541 @ 2.10GHz	11344	137	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	327	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14693	78	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14063	88	NA	NA
Intel Xeon E3-1220 @ 3.10GHz	6086	491	11.94	\$509.95
Intel Xeon E3-1220 V2 @ 3.10GHz	6637	438	20.17	\$329.10
Intel Xeon E3-1220 v3 @ 3.10GHz	6958	413	29.71	\$234.22
Intel Xeon E3-1220 v5 @ 3.00GHz	7684	355	29.01	\$264.91



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1220L @ 2.20GHz	3563	907	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4427	723	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1365	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5930	503	12.80	\$463.46
Intel Xeon E3-1225 V2 @ 3.20GHz	6834	420	20.11	\$339.95*
Intel Xeon E3-1225 v3 @ 3.20GHz	7166	392	18.68	\$383.62
Intel Xeon E3-1225 v5 @ 3.30GHz	7824	343	33.31	\$234.89
Intel Xeon E3-1225 v6 @ 3.30GHz	8157	317	33.16	\$245.98
Intel Xeon E3-1226 v3 @ 3.30GHz	7550	363	17.96	\$420.52*
Intel Xeon E3-1230 @ 3.20GHz	7939	338	18.54	\$428.35
Intel Xeon E3-1230 V2 @ 3.30GHz	8864	276	24.63	\$359.95
Intel Xeon E3-1230 v3 @ 3.30GHz	9330	240	35.28	\$264.48
Intel Xeon E3-1230 v5 @ 3.40GHz	9707	213	37.34	\$259.99*
Intel Xeon E3-1230 v6 @ 3.50GHz	11081	147	41.04	\$269.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7207	388	24.94	\$289.00
Intel Xeon E3-1231 v3 @ 3.40GHz	9631	218	29.47	\$326.87
Intel Xeon E3-1235 @ 3.20GHz	7680	356	26.76	\$287.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6352	467	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	8002	333	38.29	\$209.00
Intel Xeon E3-1240 V2 @ 3.40GHz	9210	250	30.31	\$303.87
Intel Xeon E3-1240 v3 @ 3.40GHz	9707	214	32.36	\$299.99*
Intel Xeon E3-1240 v5 @ 3.50GHz	10372	167	31.71	\$327.12
Intel Xeon E3-1240 v6 @ 3.70GHz	10869	152	35.41	\$306.98
Intel Xeon E3-1240L v3 @ 2.00GHz	7487	368	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7824	342	28.15	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10047	189	11.40	\$881.37
Intel Xeon E3-1245 @ 3.30GHz	8044	329	30.94	\$260.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9101	257	19.70	\$461.92*
Intel Xeon E3-1245 v3 @ 3.40GHz	9583	221	18.77	\$510.70
Intel Xeon E3-1245 v5 @ 3.50GHz	10331	170	29.52	\$349.92
Intel Xeon E3-1245 v6 @ 3.70GHz	10196	177	32.07	\$317.98
Intel Xeon E3-1246 v3 @ 3.50GHz	9907	199	11.70	\$847.05*
Intel Xeon E3-1260L @ 2.40GHz	6534	447	20.22	\$323.17*
Intel Xeon E3-1260L v5 @ 2.90GHz	10067	187	31.15	\$323.17*
Intel Xeon E3-1265L @ 2.40GHz	6038	496	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7779	347	54.62	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	8713	286	12.27	\$709.95
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	341	NA	NA
Intel Xeon E3-1270 @ 3.40GHz	8239	311	22.33	\$369.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9482	228	39.35	\$240.99
Intel Xeon E3-1270 v3 @ 3.50GHz	9854	202	26.64	\$369.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1270 v5 @ 3.60GHz	10260	173	28.11	\$364.99
Intel Xeon E3-1270 v6 @ 3.80GHz	11153	142	30.56	\$364.98
Intel Xeon E3-1271 v3 @ 3.60GHz	10090	185	16.37	\$616.53*
Intel Xeon E3-1275 @ 3.40GHz	8348	305	22.87	\$364.99*
Intel Xeon E3-1275 V2 @ 3.50GHz	9343	238	23.36	\$399.99
Intel Xeon E3-1275 v3 @ 3.50GHz	9868	200	24.61	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10357	169	28.77	\$359.99*
Intel Xeon E3-1275 v6 @ 3.80GHz	11106	145	29.62	\$374.98
Intel Xeon E3-1275L v3 @ 2.70GHz	8722	285	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10221	176	22.51	\$454.11*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1280 @ 3.50GHz	8473	300	9.96	\$851.20
Intel Xeon E3-1280 V2 @ 3.60GHz	9663	217	14.98	\$644.99*
Intel Xeon E3-1280 v3 @ 3.60GHz	9720	212	13.94	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10667	158	16.29	\$654.99*
Intel Xeon E3-1280 v6 @ 3.90GHz	11262	139	NA	NA
Intel Xeon E3-1281 v3 @ 3.70GHz	10359	168	11.80	\$877.75
Intel Xeon E3-1285 v3 @ 3.60GHz	10252	174	NA	NA
Intel Xeon E3-1285L v3 @ 3.10GHz	9934	197	24.29	\$409.00
Intel Xeon E3-1285L v4 @ 3.40GHz	11224	140	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9388	236	11.19	\$839.00*
Intel Xeon E3-1290 @ 3.60GHz	8704	287	9.84	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9744	208	11.01	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	400	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8983	269	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9981	195	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10509	162	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9246	246	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10791	154	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10529	160	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10708	157	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10483	163	NA	NA
Intel Xeon E5-1410 @ 2.80GHz	7312	382	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	6822	421	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5519	554	33.45	\$164.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6090	490	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6325	468	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5819	517	211.61	\$27.50*
Intel Xeon E5-1607 v2 @ 3.00GHz	6143	484	19.63	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6966	411	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7401	375	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9094	259	24.87	\$365.72
Intel Xeon E5-1620 v2 @ 3.70GHz	9505	225	24.90	\$381.70
Intel Xeon E5-1620 v3 @ 3.50GHz	9780	206	27.61	\$354.25*
Intel Xeon E5-1620 v4 @ 3.50GHz	10030	190	32.46	\$308.99
Intel Xeon E5-1630 v3 @ 3.70GHz	10245	175	17.14	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10294	171	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11767	133	67.24	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12684	116	19.53	\$649.53
Intel Xeon E5-1650 v3 @ 3.50GHz	13573	103	20.44	\$663.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1650 v4 @ 3.60GHz	14253	84	22.62	\$629.99*
Intel Xeon E5-1660 @ 3.30GHz	12418	120	10.12	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13786	96	7.62	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14378	83	8.90	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16243	59	NA	NA
Intel Xeon E5-1680 v2 @ 3.00GHz	17102	42	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16673	47	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	16959	44	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18282	33	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3475	929	8.92	\$389.69
Intel Xeon E5-2403 v2 @ 1.80GHz	3492	922	15.67	\$222.84*
Intel Xeon E5-2407 @ 2.20GHz	3795	853	11.33	\$335.02*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2407 v2 @ 2.40GHz	4575	698	9.61	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	593	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7139	395	18.31	\$390.00
Intel Xeon E5-2420 v2 @ 2.20GHz	8646	293	17.30	\$499.70
Intel Xeon E5-2430 @ 2.20GHz	6878	417	15.42	\$446.02
Intel Xeon E5-2430 v2 @ 2.50GHz	8608	295	33.33	\$258.28
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	440	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9319	242	28.30	\$329.35
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	232	14.50	\$650.20*
Intel Xeon E5-2450 @ 2.10GHz	10186	179	20.23	\$503.50*
Intel Xeon E5-2450L @ 1.80GHz	7389	378	113.68	\$65.00*
Intel Xeon E5-2470 @ 2.30GHz	10061	188	6.80	\$1,479.99*
Intel Xeon E5-2603 @ 1.80GHz	3570	906	8.62	\$414.46*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	861	11.28	\$333.95*
Intel Xeon E5-2603 v3 @ 1.60GHz	5140	602	23.37	\$219.95
Intel Xeon E5-2603 v4 @ 1.70GHz	5621	539	24.44	\$229.99*
Intel Xeon E5-2609 @ 2.40GHz	4594	691	41.40	\$110.98
Intel Xeon E5-2609 v2 @ 2.50GHz	5091	609	12.57	\$405.01
Intel Xeon E5-2609 v3 @ 1.90GHz	5934	502	20.47	\$290.00
Intel Xeon E5-2609 v4 @ 1.70GHz	6896	415	21.55	\$319.99*
Intel Xeon E5-2618L v3 @ 2.30GHz	12508	119	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	80	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7957	337	20.07	\$396.50
Intel Xeon E5-2620 v2 @ 2.10GHz	8682	288	19.22	\$451.79
Intel Xeon E5-2620 v3 @ 2.40GHz	9992	194	23.24	\$429.99*
Intel Xeon E5-2620 v4 @ 2.10GHz	11357	136	26.41	\$429.98
Intel Xeon E5-2623 v3 @ 3.00GHz	9133	254	17.94	\$509.00
Intel Xeon E5-2623 v4 @ 2.60GHz	8061	326	14.68	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	235	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12405	121	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13041	109	9.56	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	10984	149	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8898	273	55.61	\$160.01
Intel Xeon E5-2630 v2 @ 2.60GHz	10454	165	18.67	\$559.99
Intel Xeon E5-2630 v3 @ 2.40GHz	12841	113	18.75	\$684.99
Intel Xeon E5-2630 v4 @ 2.20GHz	13994	92	20.34	\$688.13
Intel Xeon E5-2630L @ 2.00GHz	7868	340	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2630L v3 @ 1.80GHz	9216	249	12.26	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	112	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9476	229	8.70	\$1,089.70*
Intel Xeon E5-2637 v3 @ 3.50GHz	10281	172	7.93	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10029	191	8.83	\$1,136.00*
Intel Xeon E5-2640 @ 2.50GHz	9496	226	120.21	\$79.00
Intel Xeon E5-2640 v2 @ 2.00GHz	9914	198	11.14	\$889.99*
Intel Xeon E5-2640 v3 @ 2.60GHz	13965	93	14.32	\$975.24*
Intel Xeon E5-2640 v4 @ 2.40GHz	15334	70	15.05	\$1,018.87
Intel Xeon E5-2643 @ 3.30GHz	8492	299	15.99	\$531.10
Intel Xeon E5-2643 v2 @ 3.50GHz	12324	124	5.60	\$2,200.00*
Intel Xeon E5-2643 v3 @ 3.40GHz	13852	95	5.52	\$2,509.99*
Intel Xeon E5-2643 v4 @ 3.40GHz	13395	104	7.67	\$1,746.43
Intel Xeon E5-2648L v3 @ 1.80GHz	12332	123	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2648L v4 @ 1.80GHz	14026	90	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10155	181	85.19	\$119.20
Intel Xeon E5-2650 v2 @ 2.60GHz	13006	110	19.63	\$662.45
Intel Xeon E5-2650 v3 @ 2.30GHz	14924	74	15.55	\$960.00
Intel Xeon E5-2650 v4 @ 2.20GHz	16142	61	13.80	\$1,169.99*
Intel Xeon E5-2650L @ 1.80GHz	8676	289	54.26	\$159.90*
Intel Xeon E5-2650L v3 @ 1.80GHz	13248	106	13.12	\$1,010.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	138	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	227	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	87	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	56	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16290	57	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11118	143	101.07	\$110.00
Intel Xeon E5-2660 v2 @ 2.20GHz	13577	102	25.74	\$527.50*
Intel Xeon E5-2660 v3 @ 2.60GHz	16161	60	12.43	\$1,300.00
Intel Xeon E5-2660 v4 @ 2.00GHz	18816	28	12.55	\$1,498.77*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	91	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11802	132	83.41	\$141.50*
Intel Xeon E5-2667 @ 2.90GHz	10380	166	55.32	\$187.65*
Intel Xeon E5-2667 v2 @ 3.30GHz	16546	50	21.80	\$759.00
Intel Xeon E5-2667 v3 @ 3.20GHz	16101	62	7.12	\$2,259.95*
Intel Xeon E5-2667 v4 @ 3.20GHz	16654	48	7.87	\$2,115.10
Intel Xeon E5-2670 @ 2.60GHz	12254	126	49.02	\$249.97
Intel Xeon E5-2670 v2 @ 2.50GHz	15060	73	29.59	\$508.98
Intel Xeon E5-2670 v3 @ 2.30GHz	16619	49	10.01	\$1,660.93
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	55	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16982	43	24.26	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21463	14	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15164	72	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17795	37	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	45	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25236	4	9.34	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12798	114	53.34	\$239.93
Intel Xeon E5-2680 v2 @ 2.80GHz	16248	58	26.09	\$622.87
Intel Xeon E5-2680 v3 @ 2.50GHz	18782	30	12.44	\$1,510.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2680 v4 @ 2.40GHz	19946	23	11.31	\$1,762.90
Intel Xeon E5-2682 v4 @ 2.50GHz	15333	71	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17407	40	8.77	\$1,984.99*
Intel Xeon E5-2685 v3 @ 2.60GHz	14154	86	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	27	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14403	81	28.45	\$506.31*
Intel Xeon E5-2687W v2 @ 3.40GHz	16538	51	6.78	\$2,440.01
Intel Xeon E5-2687W v3 @ 3.10GHz	17815	36	8.13	\$2,190.00*
Intel Xeon E5-2687W v4 @ 3.00GHz	20107	21	9.09	\$2,211.95*
Intel Xeon E5-2689 @ 2.60GHz	13747	98	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19521	25	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	14052	89	37.47	\$375.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16447	52	7.61	\$2,160.00
Intel Xeon E5-2690 v3 @ 2.60GHz	19295	26	10.11	\$1,909.00
Intel Xeon E5-2690 v4 @ 2.60GHz	21351	16	10.01	\$2,133.99
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	63	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2695 v2 @ 2.40GHz	15912	65	8.97	\$1,774.85
Intel Xeon E5-2695 v3 @ 2.30GHz	20374	19	8.28	\$2,460.00
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	20	8.03	\$2,521.84
Intel Xeon E5-2696 v2 @ 2.50GHz	16681	46	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22542	9	9.02	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21446	15	12.54	\$1,710.00
Intel Xeon E5-2697 v2 @ 2.70GHz	17388	41	7.78	\$2,235.01
Intel Xeon E5-2697 v3 @ 2.60GHz	21502	13	9.39	\$2,290.00
Intel Xeon E5-2697 v4 @ 2.30GHz	21830	11	7.78	\$2,805.00
Intel Xeon E5-2698 v3 @ 2.30GHz	21149	18	7.48	\$2,826.57*
Intel Xeon E5-2698 v4 @ 2.20GHz	21789	12	6.75	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22645	7	5.95	\$3,805.02*
Intel Xeon E5-2699 v4 @ 2.20GHz	23362	6	10.58	\$2,209.00
Intel Xeon E5-4603 @ 2.00GHz	5014	622	7.04	\$712.23*
Intel Xeon E5-4617 @ 2.90GHz	8855	277	98.51	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	321	2.31	\$3,519.97*
Intel Xeon E5-4627 v3 @ 2.60GHz	14219	85	5.92	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	67	NA	NA
Intel Xeon E5-4640 @ 2.40GHz	10523	161	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	115	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	146	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	12085	129	24.57	\$491.80
Intel Xeon E5-4650L @ 2.60GHz	11821	131	1.36	\$8,684.50*
Intel Xeon E5-4660 v3 @ 2.10GHz	18007	34	3.75	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	100	NA	NA
Intel Xeon E3110 @ 3.00GHz	2169	1342	8.75	\$248.00*
Intel Xeon E3113 @ 3.00GHz	2427	1240	NA	NA
Intel Xeon E3120 @ 3.16GHz	2241	1317	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1687	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1241	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1309	8.71	\$259.95*
Intel Xeon E5320 @ 1.86GHz	2272	1305	14.39	\$157.95*
Intel Xeon E5335 @ 2.00GHz	2513	1217	224.63	\$11.19*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5345 @ 2.33GHz	2937	1083	8.70	\$337.84*
Intel Xeon E5405 @ 2.00GHz	2886	1100	82.51	\$34.99*
Intel Xeon E5410 @ 2.33GHz	3272	977	57.41	\$57.00
Intel Xeon E5420 @ 2.50GHz	3537	914	17.51	\$202.01*
Intel Xeon E5430 @ 2.66GHz	3795	854	106.91	\$35.50
Intel Xeon E5440 @ 2.83GHz	3999	807	25.46	\$157.12*
Intel Xeon E5450 @ 3.00GHz	4233	761	77.01	\$54.98
Intel Xeon E5462 @ 2.80GHz	3920	825	143.62	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4199	768	97.21	\$43.20
Intel Xeon E5502 @ 1.87GHz	1375	1701	14.48	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1691	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2734	1151	109.36	\$25.00
Intel Xeon E5506 @ 2.13GHz	2995	1064	59.94	\$49.98*
Intel Xeon E5507 @ 2.27GHz	3147	1021	6.89	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4453	718	221.55	\$20.10*
Intel Xeon E5530 @ 2.40GHz	4605	688	120.23	\$38.31*
Intel Xeon E5540 @ 2.53GHz	4778	664	121.28	\$39.40*
Intel Xeon E5603 @ 1.60GHz	2364	1267	18.32	\$129.04*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5606 @ 2.13GHz	3034	1052	45.98	\$65.99
Intel Xeon E5607 @ 2.27GHz	3439	941	24.39	\$141.00*
Intel Xeon E5620 @ 2.40GHz	4866	647	198.63	\$24.50
Intel Xeon E5630 @ 2.53GHz	5127	606	69.78	\$73.49*
Intel Xeon E5640 @ 2.67GHz	5311	587	86.98	\$61.06*
Intel Xeon E5645 @ 2.40GHz	6539	446	73.69	\$88.75*
Intel Xeon E5649 @ 2.53GHz	7002	407	61.45	\$113.95*
Intel Xeon E7320 @ 2.13GHz	2413	1246	NA	NA
Intel Xeon Gold 6134 @ 3.20GHz	17670	39	7.68	\$2,299.99
Intel Xeon Gold 6136 @ 3.00GHz	21313	17	NA	NA
Intel Xeon L3110 @ 3.00GHz	2273	1304	NA	NA
Intel Xeon L3360 @ 2.83GHz	3820	842	42.81	\$89.23*
Intel Xeon L3426 @ 1.87GHz	3837	836	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1487	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1306	14.38	\$157.95*
Intel Xeon L5310 @ 1.60GHz	2274	1303	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1356	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1142	22.65	\$121.69*
Intel Xeon L5408 @ 2.13GHz	2987	1068	NA	NA
Intel Xeon L5410 @ 2.33GHz	3367	957	33.65	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3493	921	53.75	\$65.00*
Intel Xeon L5430 @ 2.66GHz	3777	856	23.91	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	870	29.73	\$125.00*
Intel Xeon L5520 @ 2.27GHz	4387	733	39.90	\$109.95*
Intel Xeon L5530 @ 2.40GHz	4351	740	NA	NA
Intel Xeon L5630 @ 2.13GHz	4420	725	278.03	\$15.90*
Intel Xeon L5638 @ 2.00GHz	5556	548	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	7021	406	NA	NA
Intel Xeon L5640 @ 2.27GHz	6451	457	117.31	\$55.00*
Intel Xeon L7455 @ 2.13GHz	3836	837	NA	NA
Intel Xeon MV 3.20GHz	683	2089	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Silver 4110 @ 2.10GHz	11423	135	22.36	\$511.00*
Intel Xeon Silver 4114 @ 2.20GHz	14746	76	20.95	\$704.00*
Intel Xeon W3503 @ 2.40GHz	1768	1511	27.21	\$64.99*
Intel Xeon W3505 @ 2.53GHz	1858	1472	NA	NA
Intel Xeon W3520 @ 2.67GHz	5061	615	12.53	\$403.90*
Intel Xeon W3530 @ 2.80GHz	5366	577	18.26	\$293.95
Intel Xeon W3540 @ 2.93GHz	5479	561	15.22	\$359.95*
Intel Xeon W3550 @ 3.07GHz	5716	531	24.32	\$235.00*
Intel Xeon W3565 @ 3.20GHz	5948	501	85.05	\$69.95
Intel Xeon W3570 @ 3.20GHz	6165	480	12.85	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6398	461	29.83	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8195	313	27.78	\$295.00*
Intel Xeon W3680 @ 3.33GHz	9192	251	20.27	\$453.45*
Intel Xeon W3690 @ 3.47GHz	9354	237	4.96	\$1,885.51
Intel Xeon W5580 @ 3.20GHz	5836	516	57.25	\$101.95*
Intel Xeon W5590 @ 3.33GHz	6183	477	22.90	\$269.99*
Intel Xeon X3210 @ 2.13GHz	2767	1135	18.58	\$149.00*
Intel Xeon X3220 @ 2.40GHz	3100	1033	53.46	\$57.99*
Intel Xeon X3230 @ 2.66GHz	3442	938	9.56	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3335	963	14.53	\$229.50*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3323 @ 2.50GHz	3170	1011	44.66	\$70.99*
Intel Xeon X3330 @ 2.66GHz	3467	932	16.51	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3876	832	64.62	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3925	823	58.94	\$66.61*
Intel Xeon X3360 @ 2.83GHz	3985	811	70.33	\$56.67*
Intel Xeon X3363 @ 2.83GHz	4041	795	25.59	\$157.95*
Intel Xeon X3370 @ 3.00GHz	4335	742	11.81	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4697	671	NA	NA
Intel Xeon X3430 @ 2.40GHz	3376	954	16.32	\$206.90*
Intel Xeon X3440 @ 2.53GHz	4557	702	29.40	\$155.01*
Intel Xeon X3450 @ 2.67GHz	4874	645	37.50	\$130.00*
Intel Xeon X3460 @ 2.80GHz	5117	607	67.78	\$75.50*
Intel Xeon X3470 @ 2.93GHz	5190	595	10.18	\$509.95
Intel Xeon X3480 @ 3.07GHz	5739	530	NA	NA
Intel Xeon X5260 @ 3.33GHz	2451	1232	17.61	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2524	1212	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1254	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3267	980	51.06	\$64.00
Intel Xeon X5365 @ 3.00GHz	3491	923	26.10	\$133.78
Intel Xeon X5450 @ 3.00GHz	4166	779	26.38	\$157.95*
Intel Xeon X5460 @ 3.16GHz	4372	737	87.60	\$49.91*
Intel Xeon X5470 @ 3.33GHz	4675	676	16.94	\$276.00
Intel Xeon X5472 @ 3.00GHz	4036	797	17.94	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4581	694	45.82	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4840	653	3.48	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5416	571	242.89	\$22.30*
Intel Xeon X5560 @ 2.80GHz	5426	568	108.58	\$49.98*
Intel Xeon X5570 @ 2.93GHz	5679	533	21.85	\$259.95
Intel Xeon X5647 @ 2.93GHz	5980	498	34.17	\$175.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5650 @ 2.67GHz	7472	369	149.46	\$50.00
Intel Xeon X5660 @ 2.80GHz	7743	350	78.80	\$98.26
Intel Xeon X5667 @ 3.07GHz	4722	667	47.27	\$99.90*
Intel Xeon X5670 @ 2.93GHz	7988	334	102.44	\$77.98
Intel Xeon X5672 @ 3.20GHz	6476	451	56.26	\$115.12*
Intel Xeon X5675 @ 3.07GHz	8529	296	44.90	\$189.98
Intel Xeon X5677 @ 3.47GHz	6963	412	19.90	\$350.00*
Intel Xeon X5679 @ 3.20GHz	8652	292	NA	NA
Intel Xeon X5680 @ 3.33GHz	8727	284	45.23	\$192.95
Intel Xeon X5687 @ 3.60GHz	7123	398	113.07	\$63.00*
Intel Xeon X5690 @ 3.47GHz	9019	265	47.60	\$189.50
Intel Xeon X5698 @ 4.40GHz	4272	754	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1069	NA	NA
Mobile AMD Athlon 4	314	2390	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2344	NA	NA
Mobile AMD Athlon 64 2700+	398	2298	NA	NA
Mobile AMD Athlon 64 2800+	440	2247	NA	NA
Mobile AMD Athlon 64 3000+	450	2238	NA	NA
Mobile AMD Athlon 64 3200+	448	2241	NA	NA
Mobile AMD Athlon 64 3400+	511	2179	NA	NA
Mobile AMD Athlon 64 3700+	435	2258	NA	NA
Mobile AMD Athlon 64 4000+	576	2138	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon 1400+	266	2468	NA	NA
Mobile AMD Athlon 2500+	370	2330	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2469	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2320	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2422	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2191	NA	NA
Mobile AMD Athlon XP	572	2143	48.53	\$11.79*
Mobile AMD Athlon XP-M	512	2177	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2550	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2474	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2477	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2378	NA	NA
Mobile AMD Athlon XP-M 1800+	312	2394	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2363	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2414	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2339	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2359	NA	NA
Mobile AMD Athlon XP-M 2500+	351	2353	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2329	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2337	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2336	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2248	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2200	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2184	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2430	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2421	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2369	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) 2200+	373	2327	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2214	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2185	NA	NA
Mobile AMD Sempron 2100+	252	2485	NA	NA
Mobile AMD Sempron 2600+	394	2304	NA	NA
Mobile AMD Sempron 2800+	358	2345	NA	NA
Mobile AMD Sempron 3000+	389	2312	NA	NA
Mobile AMD Sempron 3100+	416	2272	NA	NA
Mobile AMD Sempron 3200+	354	2349	NA	NA
Mobile AMD Sempron 3300+	444	2244	NA	NA
Mobile AMD Sempron 3400+	443	2246	NA	NA
Mobile AMD Sempron 3500+	411	2277	NA	NA
Mobile AMD Sempron 3600+	429	2264	NA	NA
Mobile AMD Sempron 3800+	517	2173	NA	NA
Mobile Intel Celeron 1.20GHz	170	2559	NA	NA
Mobile Intel Celeron 1.50GHz	188	2543	NA	NA
Mobile Intel Celeron 1.60GHz	188	2544	NA	NA
Mobile Intel Celeron 1.70GHz	181	2553	NA	NA
Mobile Intel Celeron 1.80GHz	186	2547	NA	NA
Mobile Intel Celeron 2.00GHz	204	2532	NA	NA
Mobile Intel Celeron 2.20GHz	226	2512	NA	NA
Mobile Intel Celeron 2.40GHz	239	2499	NA	NA
Mobile Intel Celeron 2.50GHz	281	2448	NA	NA
Mobile Intel Celeron 1200MHz	294	2423	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Celeron 1333MHz	309	2400	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2454	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2471	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2452	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2388	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2367	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2346	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2249	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2212	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2538	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2558	0.95	\$181.99
Mobile Intel Pentium 4 - M 1.80GHz	186	2546	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2507	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2534	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	209	2528	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2522	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2479	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2391	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2524	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2536	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2489	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2427	NA	NA
Mobile Intel Pentium III - M 1200MHz	263	2472	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2428	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1220	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	937	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3308	972	NA	NA
VIA C3 Ezra	100	2586	NA	NA
VIA C7 1500MHz	284	2442	NA	NA
VIA C7-D 1500MHz	287	2435	NA	NA
VIA C7-D 1800MHz	201	2535	NA	NA
VIA C7-D 2000MHz	368	2332	NA	NA
VIA C7-M 1000MHz	164	2562	NA	NA
VIA C7-M 1200MHz	140	2574	NA	NA
VIA C7-M 1600MHz	178	2555	NA	NA
VIA C7-M 6300MHz	222	2514	NA	NA
VIA Eden 800MHz	155	2566	NA	NA
VIA Eden 1200MHz	142	2573	NA	NA
VIA Eden C1050@1.06GHz	352	2352	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2210	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	1834	NA	NA
VIA Esther 1000MHz	169	2560	NA	NA
VIA Esther 1300MHz	250	2488	NA	NA
VIA Esther 1500MHz	219	2517	NA	NA
VIA Esther 2000MHz	394	2303	NA	NA
VIA Nano L1900@1400MHz	457	2231	NA	NA
VIA Nano L2007@1600MHz	381	2317	NA	NA
VIA Nano L2100@1800MHz	428	2266	NA	NA
VIA Nano L2207@1600MHz	296	2420	NA	NA
VIA Nano L3025@1600MHz	517	2174	NA	NA
VIA Nano L3050@1800MHz	581	2136	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano L3600@2000MHz	645	2104	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2321	NA	NA
VIA Nano U2250@1300+MHz	274	2461	NA	NA
VIA Nano U2500@1200MHz	306	2404	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2186	NA	NA
VIA Nano U3300@1200MHz	409	2280	NA	NA
VIA Nano U3500@1000MHz	275	2458	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2124	NA	NA
VIA Nehemiah	155	2567	NA	NA
VIA QuadCore C4650@2.0GHz	1940	1430	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1708	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	1815	NA	NA
VIA Samuel 2	79	2588	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	223	24.17	\$317.40*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	83	13.80	\$1,279.92*
[Dual CPU] AMD Athlon 64 FX-72	3163	317	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2947	323	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	366	NA	NA
[Dual CPU] AMD EPYC 7401	23518	36	NA	NA
[Dual CPU] AMD EPYC 7551	30966	5	NA	NA
[Dual CPU] AMD Opteron 246	1130	355	11.30	\$99.98
[Dual CPU] AMD Opteron 248	1053	356	43.88	\$24.00
[Dual CPU] AMD Opteron 250	1438	352	65.36	\$22.00
[Dual CPU] AMD Opteron 252	1385	353	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	361	NA	NA
[Dual CPU] AMD Opteron 256	1853	349	NA	NA
[Dual CPU] AMD Opteron 270	2226	344	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	347	9.70	\$219.90
[Dual CPU] AMD Opteron 280	2452	339	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	332	NA	NA
[Dual CPU] AMD Opteron 290	2807	329	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	326	NA	NA
[Dual CPU] AMD Opteron 2212	2203	345	91.79	\$24.00
[Dual CPU] AMD Opteron 2214 HE	2463	338	NA	NA
[Dual CPU] AMD Opteron 2216	2485	337	6.98	\$356.00*
[Dual CPU] AMD Opteron 2216 HE	2593	335	NA	NA
[Dual CPU] AMD Opteron 2218	2719	333	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	336	NA	NA
[Dual CPU] AMD Opteron 2220	2850	327	0.97	\$2,950.32
[Dual CPU] AMD Opteron 2220 SE	2882	325	75.84	\$38.00
[Dual CPU] AMD Opteron 2222	2951	322	0.89	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	315	116.32	\$28.00
[Dual CPU] AMD Opteron 2346 HE	4095	305	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3501	312	7.42	\$471.66*
[Dual CPU] AMD Opteron 2350	4090	306	7.57	\$539.98*
[Dual CPU] AMD Opteron 2354	4566	295	6.88	\$664.02*
[Dual CPU] AMD Opteron 2356	4487	297	150.07	\$29.90
[Dual CPU] AMD Opteron 2360 SE	5315	279	189.82	\$28.00

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2374 HE	4799	292	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	280	174.60	\$30.00*
[Dual CPU] AMD Opteron 2378	5559	275	15.53	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	267	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	264	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6441	250	NA	NA
[Dual CPU] AMD Opteron 2389	5728	268	10.12	\$566.00
[Dual CPU] AMD Opteron 2419	5191	283	25.96	\$199.98*
[Dual CPU] AMD Opteron 2425 HE	6209	257	NA	NA
[Dual CPU] AMD Opteron 2427	5980	262	31.43	\$190.28*
[Dual CPU] AMD Opteron 2431	6438	251	87.00	\$74.00
[Dual CPU] AMD Opteron 2435	7184	234	29.83	\$240.80*
[Dual CPU] AMD Opteron 2439 SE	8071	209	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	307	7.84	\$519.90
[Dual CPU] AMD Opteron 4130	5651	270	9.15	\$617.90
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 4170 HE	6344	253	9.33	\$679.90
[Dual CPU] AMD Opteron 4184	7848	216	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	208	8.64	\$936.14*
[Dual CPU] AMD Opteron 4228 HE	7986	211	NA	NA
[Dual CPU] AMD Opteron 4234	9361	179	15.57	\$601.40*
[Dual CPU] AMD Opteron 4276 HE	9681	173	NA	NA
[Dual CPU] AMD Opteron 4280	4525	296	4.96	\$912.88*
[Dual CPU] AMD Opteron 4284	7833	217	10.96	\$714.60*
[Dual CPU] AMD Opteron 4334	9468	177	21.87	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	152	NA	NA
[Dual CPU] AMD Opteron 4376 HE	10244	159	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	142	15.01	\$757.04*
[Dual CPU] AMD Opteron 6128	6881	243	47.09	\$146.12*
[Dual CPU] AMD Opteron 6128 HE	5582	273	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	194	NA	NA
[Dual CPU] AMD Opteron 6136	7255	231	10.10	\$718.00
[Dual CPU] AMD Opteron 6164 HE	5109	285	NA	NA
[Dual CPU] AMD Opteron 6168	7741	220	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7664	224	18.25	\$419.90
[Dual CPU] AMD Opteron 6174	8776	191	2.90	\$3,028.40
[Dual CPU] AMD Opteron 6176 SE	8448	196	15.30	\$552.00*
[Dual CPU] AMD Opteron 6180 SE	3114	318	NA	NA
[Dual CPU] AMD Opteron 6204	7134	236	NA	NA
[Dual CPU] AMD Opteron 6212	8955	184	21.37	\$419.00*
[Dual CPU] AMD Opteron 6220	10402	154	29.69	\$350.40*
[Dual CPU] AMD Opteron 6234	10504	149	13.13	\$799.98*
[Dual CPU] AMD Opteron 6238	10349	156	4.76	\$2,176.22*
[Dual CPU] AMD Opteron 6272	10026	164	26.52	\$378.00
[Dual CPU] AMD Opteron 6274	10682	147	5.88	\$1,817.90
[Dual CPU] AMD Opteron 6275	9936	168	NA	NA
[Dual CPU] AMD Opteron 6276	10194	162	20.89	\$488.00
[Dual CPU] AMD Opteron 6284 SE	11985	130	NA	NA
[Dual CPU] AMD Opteron 6308	8351	199	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10914	145	23.42	\$466.00
[Dual CPU] AMD Opteron 6328	11556	138	11.33	\$1,019.98
[Dual CPU] AMD Opteron 6344	11178	143	13.80	\$809.96



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6348	11412	141	9.21	\$1,239.36
[Dual CPU] AMD Opteron 6376	10405	153	7.66	\$1,358.96
[Dual CPU] AMD Opteron 6378	2905	324	3.64	\$798.00
[Dual CPU] AMD Opteron 6380	14200	108	18.21	\$779.72
[Dual CPU] AMD Opteron 6386 SE	10764	146	2.24	\$4,815.02*
[Dual CPU] AMD Opteron 8218	2831	328	117.96	\$24.00
[Dual CPU] AMD Opteron 8222 SE	2793	331	0.52	\$5,377.08
[Dual CPU] AMD Opteron 8354	3223	316	134.29	\$24.00
[Dual CPU] AMD Opteron 8380	5643	271	13.70	\$412.00*
[Dual CPU] AMD Opteron 8381 HE	5210	281	NA	NA
[Dual CPU] AMD Opteron 8389	6517	248	12.23	\$532.82*
[Dual CPU] AMD Opteron 8431	5813	266	20.04	\$290.00*
[Dual CPU] AMD Opteron 8435	7606	226	38.42	\$197.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 8439 SE	7691	222	NA	NA
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	354	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	342	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	311	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	8220	206	2.28	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	375	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	373	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	369	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	371	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	376	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	377	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	374	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	479	372	26.32	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	367	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	672	363	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	784	362	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	365	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	856	360	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	894	359	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	925	358	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1861	348	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	998	357	0.59	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2170	346	110.83	\$19.58*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	341	117.98	\$19.58*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2617	334	133.66	\$19.58*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	319	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2997	321	41.64	\$71.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	320	37.50	\$79.98*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3455	313	108.04	\$31.98*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3860	309	132.19	\$29.20*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	5988	261	7.68	\$779.38
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	254	14.14	\$445.68*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7387	229	11.02	\$670.04*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11832	132	15.17	\$780.00
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11725	134	11.73	\$999.40
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	201	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	114	15.29	\$892.04



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	14265	107	27.62	\$516.56
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	124	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	112	13.62	\$1,007.00*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11866	131	91.28	\$130.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	93	5.61	\$2,959.98*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	78	4.13	\$4,500.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6280	256	7.58	\$828.92*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	247	9.76	\$667.90*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8362	198	19.01	\$439.90
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8802	190	19.14	\$459.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8230	205	37.08	\$221.96
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8683	193	10.72	\$810.02
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9920	169	17.10	\$580.00
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10962	144	17.13	\$639.98*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12543	122	15.82	\$793.00
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13471	118	14.91	\$903.58
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15292	100	17.78	\$859.98*
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16777	90	19.51	\$859.96
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14108	109	13.86	\$1,018.00
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	11690	135	10.65	\$1,098.00*
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13652	113	42.66	\$320.02
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16208	94	14.47	\$1,119.98
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18578	77	13.56	\$1,369.98
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18913	76	13.74	\$1,376.26
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	10641	148	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	115	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15176	101	10.09	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	16162	95	7.42	\$2,179.40*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16734	91	6.46	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16860	89	7.42	\$2,272.00*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14759	103	93.41	\$158.00
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14495	105	8.14	\$1,779.98*
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20691	61	10.61	\$1,950.48*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20574	63	10.10	\$2,037.74
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13601	117	12.80	\$1,062.20
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21260	56	4.83	\$4,400.00*
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	20938	59	4.17	\$5,019.90*
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21672	54	6.20	\$3,492.86
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	125	NA	NA
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15054	102	63.15	\$238.40
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19147	75	14.45	\$1,324.90
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20474	65	10.66	\$1,920.00
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20499	64	8.76	\$2,339.98*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	106	44.98	\$319.80*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	12577	121	12.59	\$998.98*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	60	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18096	82	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16718	92	75.99	\$220.00
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18541	79	17.57	\$1,055.00
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22733	47	8.74	\$2,600.00
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23032	43	7.68	\$2,997.54*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	39	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17648	84	62.36	\$283.00*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	24	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17014	87	45.33	\$375.30*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	23234	40	15.31	\$1,518.00
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23207	41	5.13	\$4,519.90*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	24081	32	5.69	\$4,230.20
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18303	80	36.61	\$499.94
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	21687	53	21.30	\$1,017.96
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22360	50	6.73	\$3,321.86
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23077	42	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	22959	45	16.40	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	11	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	69	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21980	51	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	10	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18290	81	38.12	\$479.86
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	22907	46	18.39	\$1,245.74
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	25272	22	8.37	\$3,020.00
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	38	6.63	\$3,525.80
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21811	52	5.49	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24709	26	6.50	\$3,799.98*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	23025	44	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	25701	20	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	21178	58	20.91	\$1,012.62*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	24193	30	4.96	\$4,880.02
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24289	29	5.55	\$4,380.00*
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26743	16	6.05	\$4,423.90*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	20362	67	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26470	17	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	20374	66	27.17	\$750.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23901	34	5.53	\$4,320.00
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25709	19	6.73	\$3,818.00
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27897	13	6.54	\$4,267.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20304	68	5.72	\$3,549.70
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24947	23	5.07	\$4,920.00
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	21	5.08	\$5,043.68
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23914	33	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30414	7	6.09	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	32379	3	9.47	\$3,420.00
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23589	35	5.28	\$4,470.02
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28374	12	6.20	\$4,580.00
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30520	6	5.44	\$5,610.00
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	27280	15	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29958	9	5.30	\$5,653.14*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	33192	2	5.14	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	31	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	24819	25	3.26	\$7,610.04*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34330	1	7.77	\$4,418.00
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	62	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	73	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 E5-4640 v2 @ 2.20GHz	19209	74	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19588	72	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19753	71	20.08	\$983.60
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	48	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	14	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	127	44.98	\$270.00
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	97	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	49	1.81	\$12,400.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	17541	85	2.66	\$6,587.58*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	343	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	308	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3564	310	6.86	\$519.90*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4154	304	13.15	\$315.90*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	288	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4594	294	205.27	\$22.38*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5149	284	7.62	\$675.68*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5200	282	74.31	\$69.98*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6073	259	53.27	\$114.00
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6414	252	15.88	\$404.02*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6896	242	97.13	\$71.00
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7244	232	23.05	\$314.24*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7613	225	69.23	\$109.96
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7232	233	132.45	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7850	215	90.86	\$86.40
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2425	340	12.76	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	330	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4912	289	98.24	\$50.00
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5062	286	50.64	\$99.96*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5432	277	5.94	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7438	228	185.02	\$40.20*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7740	221	101.02	\$76.62*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	8004	210	101.57	\$78.80*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4236	302	16.41	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5572	274	42.22	\$131.98
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	6003	260	21.29	\$282.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8185	207	167.04	\$49.00
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8412	197	57.23	\$146.98*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8848	187	72.45	\$122.12*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10432	151	58.77	\$177.50*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10377	155	45.53	\$227.90*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	276	87.81	\$62.00*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	28	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	57	NA	NA
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	23396	37	6.89	\$3,394.00*
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	30323	8	5.18	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	26349	18	NA	NA
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	298	14.15	\$315.90*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	301	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	290	20.10	\$243.38*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	272	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6163	258	30.79	\$200.16*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6495	249	49.96	\$130.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6600	245	20.89	\$315.90*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	241	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	7001	240	31.84	\$219.90*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	212	NA	NA
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7054	238	221.82	\$31.80*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	185	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9618	174	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9887	170	89.88	\$110.00*
[Dual CPU] Intel Xeon MP 2.50GHz	550	368	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	370	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	636	364	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1538	350	NA	NA
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19882	70	14.12	\$1,408.00*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	163	49.58	\$203.90*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10343	157	19.15	\$539.98*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	158	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4795	293	17.22	\$278.48*
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	291	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5847	265	45.68	\$128.00
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6293	255	23.52	\$267.56
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7536	227	23.86	\$315.90*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7917	213	79.31	\$99.82*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8251	204	14.95	\$552.00
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7783	218	17.30	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8315	202	41.58	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8833	188	3.17	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	9054	181	203.00	\$44.60*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9119	180	91.23	\$99.96*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9601	175	18.47	\$519.90
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9939	166	28.40	\$350.00*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11488	140	114.88	\$100.00
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11773	133	59.91	\$196.52
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	189	44.13	\$199.80*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12447	123	79.81	\$155.96
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	9999	165	43.43	\$230.24*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12712	119	33.46	\$379.96
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11586	137	16.55	\$700.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	116	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13729	111	35.58	\$385.90
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	12090	128	95.95	\$126.00*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	14075	110	37.14	\$379.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8974	183	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	246	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	192	41.21	\$211.60*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	167	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	136	36.35	\$319.98*
[Dual CPU] Quad-Core AMD Opteron 2352	4232	303	9.62	\$440.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	287	15.28	\$330.00*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	300	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	299	199.09	\$21.98



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Quad-Core AMD Opteron 8378	5382	278	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	244	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	269	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	263	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 6128 HE	8323	200	NA	NA
[Quad CPU] AMD Opteron 6136	9767	171	6.80	\$1,436.00
[Quad CPU] AMD Opteron 6272	10243	160	13.55	\$756.00
[Quad CPU] AMD Opteron 6274	10488	150	2.88	\$3,635.80
[Quad CPU] AMD Opteron 6276	15342	99	15.72	\$976.00
[Quad CPU] AMD Opteron 6278	12055	129	4.35	\$2,770.00*
[Quad CPU] AMD Opteron 6376	14681	104	5.40	\$2,717.92
[Quad CPU] AMD Opteron 8360 SE	7915	214	94.23	\$84.00*
[Quad CPU] AMD Opteron 8382	8553	195	10.74	\$796.00
[Quad CPU] AMD Opteron 8425 HE	7359	230	NA	NA
[Quad CPU] AMD Opteron 8431	8252	203	14.23	\$580.00*
[Quad CPU] AMD Opteron 8435	7099	237	17.93	\$395.96
[Quad CPU] AMD Opteron 8439 SE	8943	186	NA	NA
[Quad CPU] Intel Xeon 3.00GHz	1472	351	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	314	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	88	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24511	27	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	55	10.86	\$1,967.20
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	96	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	4	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	86	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	120	2.80	\$4,538.76*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	239	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	219	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	161	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9444	178	13.18	\$716.76*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	182	10.76	\$839.96*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	172	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	176	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12250	126	28.95	\$423.20*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	139	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	15414	98	24.09	\$639.96*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	235	163.10	\$43.96

* - Last price seen from our affiliates.

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