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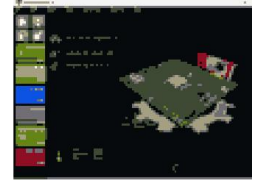
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CPU Benchmarks

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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.

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Single CPU Systems

Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2487	NA	NA
AMD A4 Micro-6400T APU	1544	1678	NA	NA
AMD A4 PRO-3340B	2402	1302	NA	NA
AMD A4 PRO-7300B APU	2342	1321	NA	NA
AMD A4 PRO-7350B	2794	1174	NA	NA
AMD A4-1200 APU	640	2164	NA	NA
AMD A4-1250 APU	610	2176	NA	NA
AMD A4-3300 APU	1504	1699	115.79	\$12.99
AMD A4-3300M APU	1183	1866	39.47	\$29.99*
AMD A4-3305M APU	1223	1844	40.79	\$30.00*
AMD A4-3310MX APU	1291	1804	NA	NA
AMD A4-3320M APU	1247	1836	40.24	\$31.00*
AMD A4-3330MX APU	1217	1849	NA	NA
AMD A4-3400 APU	1596	1658	27.69	\$57.66
AMD A4-3420 APU	1677	1615	NA	NA
AMD A4-4000 APU	1817	1548	26.34	\$69.00
AMD A4-4020 APU	1902	1499	43.06	\$44.19
AMD A4-4300M APU	1614	1647	40.51	\$39.86*
AMD A4-4355M APU	1173	1871	NA	NA
AMD A4-5000 APU	1903	1498	NA	NA
AMD A4-5050 APU	2117	1413	NA	NA
AMD A4-5100 APU	2082	1430	NA	NA
AMD A4-5150M APU	1820	1544	NA	NA
AMD A4-5300 APU	2000	1459	35.91	\$55.70
AMD A4-5300B APU	2083	1429	54.83	\$38.00*
AMD A4-6210 APU	2145	1402	NA	NA
AMD A4-6250J APU	2556	1249	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-6300 APU	2214	1376	43.15	\$51.32
AMD A4-6300B APU	2129	1407	21.30	\$100.00*
AMD A4-6320 APU	2322	1326	22.31	\$104.09*
AMD A4-7210 APU	2516	1264	NA	NA
AMD A4-7300 APU	2285	1347	29.41	\$77.74
AMD A4-9120	1798	1552	NA	NA
AMD A6 Micro-6500T APU	1834	1538	NA	NA
AMD A6 PRO-7050B APU	1582	1663	NA	NA
AMD A6 PRO-7400B	2721	1200	NA	NA
AMD A6-1450 APU	1519	1690	NA	NA
AMD A6-3400M APU	1897	1501	65.43	\$29.00*
AMD A6-3410MX APU	2059	1436	68.67	\$29.99*
AMD A6-3420M APU	2012	1454	NA	NA
AMD A6-3430MX APU	2225	1375	NA	NA
AMD A6-3500 APU	2008	1457	50.23	\$39.99*
AMD A6-3600 APU	2708	1205	117.81	\$22.99*
AMD A6-3620 APU	2815	1168	46.92	\$59.99*
AMD A6-3650 APU	3161	1061	39.77	\$79.50*
AMD A6-3670 APU	3199	1046	14.84	\$215.66
AMD A6-4400M APU	1628	1642	40.85	\$39.86*
AMD A6-4455M APU	1283	1812	NA	NA
AMD A6-5200 APU	2416	1296	NA	NA
AMD A6-5345M APU	1476	1709	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	1908	1495	31.83	\$59.95*
AMD A6-5357M APU	1938	1486	NA	NA
AMD A6-5400B APU	2204	1381	20.99	\$105.04*
AMD A6-5400K APU	2148	1399	25.70	\$83.58
AMD A6-6310 APU	2434	1289	NA	NA
AMD A6-6400B APU	2281	1350	NA	NA
AMD A6-6400K APU	2297	1341	47.84	\$48.01
AMD A6-6420B APU	2612	1228	NA	NA
AMD A6-6420K APU	2351	1320	23.56	\$99.80*
AMD A6-7000	1671	1620	NA	NA
AMD A6-7310 APU	2685	1211	NA	NA
AMD A6-7400K APU	2788	1176	56.32	\$49.50
AMD A6-7470K	2848	1155	28.49	\$100.00
AMD A6-8500P	2183	1388	NA	NA
AMD A6-8550	3104	1075	NA	NA
AMD A6-9210	1876	1521	NA	NA
AMD A6-9220	2335	1323	NA	NA
AMD A6-9220e	1459	1716	NA	NA
AMD A6-9230	2274	1353	NA	NA
AMD A6-9500	3187	1049	53.13	\$59.99
AMD A8 PRO-7150B APU	2711	1202	NA	NA
AMD A8 PRO-7600B APU	4831	693	NA	NA
AMD A8-3500M APU	1974	1470	28.23	\$69.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-3510MX APU	2384	1306	NA	NA
AMD A8-3520M APU	2177	1390	NA	NA
AMD A8-3530MX APU	2382	1307	NA	NA
AMD A8-3550MX APU	2610	1230	NA	NA
AMD A8-3800 APU	3058	1090	18.00	\$169.99*
AMD A8-3820 APU	3148	1066	25.19	\$124.99*
AMD A8-3850 APU	3475	971	17.38	\$199.99*
AMD A8-3870K APU	3577	948	17.75	\$201.54*
AMD A8-4500M APU	2662	1215	NA	NA
AMD A8-4555M APU	2126	1410	NA	NA
AMD A8-5500 APU	3991	852	30.94	\$129.00*
AMD A8-5500B APU	3976	856	NA	NA
AMD A8-5545M APU	2580	1242	NA	NA
AMD A8-5550M APU	2998	1108	NA	NA
AMD A8-5557M APU	2958	1120	NA	NA
AMD A8-5600K APU	4338	785	18.92	\$229.30
AMD A8-6410 APU	2559	1248	NA	NA
AMD A8-6500 APU	4389	773	27.26	\$160.99*
AMD A8-6500B APU	4558	745	NA	NA
AMD A8-6500T APU	3221	1039	NA	NA
AMD A8-6600K APU	4575	739	24.21	\$189.04*
AMD A8-7050	1986	1467	NA	NA
AMD A8-7100 APU	2824	1162	NA	NA
AMD A8-7200P	3315	1012	NA	NA
AMD A8-7410 APU	2738	1195	NA	NA
AMD A8-7600 APU	5111	642	33.62	\$152.06
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7650K	4911	679	54.58	\$89.99
AMD A8-7670K	5075	649	35.14	\$144.45
AMD A8-8600P	3248	1033	NA	NA
AMD A8-8650	5481	595	NA	NA
AMD A8-9600	4982	667	71.19	\$69.99
AMD A9-9400	2255	1362	NA	NA
AMD A9-9410	2571	1246	NA	NA
AMD A9-9420	2320	1327	NA	NA
AMD A9-9430	2705	1207	NA	NA
AMD A10 Micro-6700T APU	1890	1508	NA	NA
AMD A10 PRO-7350B APU	3241	1035	NA	NA
AMD A10 PRO-7800B APU	5409	607	NA	NA
AMD A10 PRO-7850B APU	5441	603	NA	NA
AMD A10-4600M APU	3115	1073	NA	NA
AMD A10-4655M APU	2592	1235	NA	NA
AMD A10-4657M APU	2906	1134	NA	NA
AMD A10-5700 APU	4209	807	8.18	\$514.70*
AMD A10-5745M APU	2762	1187	NA	NA
AMD A10-5750M APU	3339	1006	NA	NA
AMD A10-5757M APU	3091	1078	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-5800B APU	4658	720	NA	NA
AMD A10-5800K APU	4637	722	36.81	\$125.99*
AMD A10-6700 APU	4600	733	9.06	\$507.75
AMD A10-6700T APU	3691	922	25.01	\$147.61
AMD A10-6790K APU	4701	713	22.73	\$206.82*
AMD A10-6800B APU	4991	665	NA	NA
AMD A10-6800K APU	4878	683	23.71	\$205.76*
AMD A10-7300 APU	2914	1131	NA	NA
AMD A10-7400P	3631	931	NA	NA
AMD A10-7700K APU	5140	638	51.40	\$100.00*
AMD A10-7800 APU	5015	661	47.77	\$104.99*
AMD A10-7850K APU	5486	594	21.56	\$254.45
AMD A10-7860K	5099	644	32.20	\$158.34
AMD A10-7870K	5493	592	49.05	\$112.01*
AMD A10-7890K	5745	563	29.84	\$192.53
AMD A10-8700P	3458	977	NA	NA
AMD A10-8750	5143	635	NA	NA
AMD A10-8850	5613	576	NA	NA
AMD A10-9600P	3820	888	NA	NA
AMD A10-9620P	3908	869	NA	NA
AMD A10-9630P	4492	757	NA	NA
AMD A10-9700	5515	591	61.29	\$89.99
AMD A10-9700E	4775	704	53.67	\$88.99
AMD A12-9700P	3758	909	NA	NA
AMD A12-9720P	4034	838	NA	NA
AMD A12-9730P	4389	772	NA	NA
AMD A12-9800	5588	580	59.45	\$94.00*
AMD A12-9800E	5077	648	46.16	\$109.99
AMD Athlon64 X2 Dual Core 3800+	951	2008	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon64 X2 Dual Core 4200+	1006	1966	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	1905	NA	NA
AMD Athlon 4	279	2506	5.72	\$48.91
AMD Athlon 64 2000+	116	2639	NA	NA
AMD Athlon 64 2200+	575	2196	NA	NA
AMD Athlon 64 2600+	374	2379	NA	NA
AMD Athlon 64 2800+	438	2308	4.38	\$99.99*
AMD Athlon 64 3000+	462	2280	5.44	\$84.95*
AMD Athlon 64 3200+	491	2247	3.28	\$149.95*
AMD Athlon 64 3300+	576	2195	NA	NA
AMD Athlon 64 3400+	545	2208	NA	NA
AMD Athlon 64 3500+	540	2215	12.02	\$45.00
AMD Athlon 64 3600+	601	2183	NA	NA
AMD Athlon 64 3700+	599	2184	8.69	\$69.00*
AMD Athlon 64 3800+	588	2188	4.20	\$139.95
AMD Athlon 64 4000+	605	2178	3.06	\$197.95
AMD Athlon 64 FX-25	794	2091	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-34	380	2372	NA	NA
AMD Athlon 64 FX-51	437	2309	NA	NA
AMD Athlon 64 FX-53	646	2158	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2122	4.01	\$179.95
AMD Athlon 64 FX-57	730	2118	NA	NA
AMD Athlon 64 FX-59	715	2126	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1814	NA	NA
AMD Athlon 64 FX-62 Dual Core	1571	1671	NA	NA
AMD Athlon 64 FX-72	1794	1553	NA	NA
AMD Athlon 64 FX-74	1495	1702	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2004	NA	NA
AMD Athlon 64 X2 4200+	1285	1808	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1759	3.90	\$349.95*
AMD Athlon 64 X2 Dual Core 3400+	994	1978	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	969	1992	16.15	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1002	1969	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1040	1944	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1099	1910	6.87	\$159.95
AMD Athlon 64 X2 Dual Core 4400+	1147	1888	19.12	\$60.00*
AMD Athlon 64 X2 Dual Core 4600+	1222	1846	3.40	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1257	1826	7.86	\$159.95
AMD Athlon 64 X2 Dual Core 5000+	1311	1788	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1383	1749	26.06	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1451	1723	27.39	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1480	1708	9.87	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1684	38.26	\$39.95*
AMD Athlon 64 X2 Dual Core 6000+	1604	1654	49.37	\$32.50
AMD Athlon 64 X2 Dual Core 6400+	1792	1555	6.90	\$259.95
AMD Athlon 64 X2 Dual Core BE-230	1095	1914	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	1924	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	1941	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2071	24.03	\$34.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core TK-55	839	2072	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	1991	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2050	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	817	2082	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	875	2051	12.04	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	923	2030	NA	NA
AMD Athlon 64 X2 QL-60	921	2031	NA	NA
AMD Athlon 64 X2 QL-62	1015	1960	NA	NA
AMD Athlon 64 X2 QL-64	985	1984	NA	NA
AMD Athlon 64 X2 QL-65	1042	1942	NA	NA
AMD Athlon 64 X2 QL-66	945	2013	NA	NA
AMD Athlon 64 X2 QL-67	1006	1965	NA	NA
AMD Athlon 64 X2 TK-55	955	2005	NA	NA
AMD Athlon 64 X2 TK-57	988	1983	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 1500+	294	2479	NA	NA
AMD Athlon 1640B	678	2146	13.57	\$50.00*
AMD Athlon 1700+	349	2410	NA	NA
AMD Athlon 2000+	390	2366	NA	NA
AMD Athlon 2100+	412	2331	NA	NA
AMD Athlon 2200+	363	2395	4.55	\$79.99*
AMD Athlon 2400+	462	2281	NA	NA
AMD Athlon 2500+	374	2378	2.04	\$183.99
AMD Athlon 2600+	444	2302	4.23	\$104.95*
AMD Athlon 2650e	406	2341	21.38	\$19.00*
AMD Athlon 2800+	447	2299	8.96	\$49.99*
AMD Athlon 2850e	503	2240	NA	NA
AMD Athlon 3100+	485	2260	NA	NA
AMD Athlon 3200+	458	2285	4.58	\$99.95
AMD Athlon 5000 Dual-Core	1290	1806	12.91	\$99.95*
AMD Athlon 5150 APU	2093	1425	19.38	\$108.00*
AMD Athlon 5200 Dual-Core	1248	1834	13.82	\$90.33*
AMD Athlon 5350 APU	2597	1233	7.08	\$367.00
AMD Athlon 5370 APU	2887	1145	45.34	\$63.70*
AMD Athlon 7450 Dual-Core	1442	1727	NA	NA
AMD Athlon 7550 Dual-Core	1458	1718	24.30	\$60.00*
AMD Athlon 7750 Dual-Core	1579	1665	10.62	\$148.71*
AMD Athlon 7850 Dual-Core	1716	1589	8.19	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2489	NA	NA
AMD Athlon Dual Core 4050e	1086	1922	NA	NA
AMD Athlon Dual Core 4450B	1164	1877	68.51	\$17.00*
AMD Athlon Dual Core 4450e	1101	1909	NA	NA
AMD Athlon Dual Core 4850B	1471	1710	NA	NA
AMD Athlon Dual Core 4850e	1315	1785	33.72	\$39.00*
AMD Athlon Dual Core 5000B	1304	1793	13.73	\$95.00*
AMD Athlon Dual Core 5050e	1350	1768	22.50	\$60.00*
AMD Athlon Dual Core 5200B	1328	1780	NA	NA
AMD Athlon Dual Core 5400B	1407	1740	NA	NA
AMD Athlon Dual Core 5600B	1304	1792	NA	NA
AMD Athlon II 160u	553	2207	18.46	\$29.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II 170u	626	2171	20.91	\$29.95*
AMD Athlon II Dual-Core M300	1114	1898	NA	NA
AMD Athlon II Dual-Core M320	1143	1891	38.12	\$30.00*
AMD Athlon II Dual-Core M340	1038	1945	NA	NA
AMD Athlon II N330 Dual-Core	1154	1883	NA	NA
AMD Athlon II N350 Dual-Core	1247	1835	NA	NA
AMD Athlon II N370 Dual-Core	1559	1674	NA	NA
AMD Athlon II Neo K125	467	2274	NA	NA
AMD Athlon II Neo K145	525	2224	NA	NA
AMD Athlon II Neo K325 Dual-Core	781	2095	30.09	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2062	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II Neo N36L Dual-Core	793	2092	NA	NA
AMD Athlon II P320 Dual-Core	1217	1850	40.64	\$29.95
AMD Athlon II P340 Dual-Core	1252	1831	27.86	\$44.95*
AMD Athlon II P360 Dual-Core	1321	1784	66.05	\$20.00
AMD Athlon II X2 210e	1486	1705	NA	NA
AMD Athlon II X2 215	1579	1664	131.76	\$11.99*
AMD Athlon II X2 220	1633	1640	50.75	\$32.19
AMD Athlon II X2 225	1526	1685	NA	NA
AMD Athlon II X2 235e	1657	1629	9.11	\$181.88
AMD Athlon II X2 240	1643	1633	47.03	\$34.95
AMD Athlon II X2 240e	1703	1597	48.74	\$34.95*
AMD Athlon II X2 245	1682	1613	48.14	\$34.95*
AMD Athlon II X2 245e	1711	1592	21.39	\$80.00*
AMD Athlon II X2 250	1750	1573	44.94	\$38.95
AMD Athlon II X2 250e	1949	1480	25.41	\$76.73*
AMD Athlon II X2 250u	999	1971	25.03	\$39.95
AMD Athlon II X2 255	1844	1530	28.28	\$65.22*
AMD Athlon II X2 260	1878	1518	39.13	\$48.00*
AMD Athlon II X2 260u	1106	1907	13.26	\$83.44*
AMD Athlon II X2 265	1881	1514	22.71	\$82.88*
AMD Athlon II X2 270	1990	1464	19.91	\$99.99*
AMD Athlon II X2 270u	1350	1767	19.96	\$67.67*
AMD Athlon II X2 280	2159	1395	21.59	\$99.99*
AMD Athlon II X2 4300e	1464	1714	NA	NA
AMD Athlon II X2 4400e	1618	1645	NA	NA
AMD Athlon II X2 4450e	1504	1697	NA	NA
AMD Athlon II X2 B22	1706	1594	81.26	\$21.00*
AMD Athlon II X2 B24	1786	1558	44.71	\$39.95*
AMD Athlon II X2 B26	1878	1517	53.75	\$34.95
AMD Athlon II X2 B28	2112	1416	49.12	\$43.00*
AMD Athlon II X3 400e	2009	1456	18.70	\$107.43*
AMD Athlon II X3 405e	2034	1446	25.43	\$79.99*
AMD Athlon II X3 415e	2247	1365	29.97	\$75.00*
AMD Athlon II X3 420e	2286	1346	19.68	\$116.15*
AMD Athlon II X3 425	2319	1329	55.27	\$41.96*
AMD Athlon II X3 425e	2239	1370	NA	NA
AMD Athlon II X3 435	2472	1279	61.88	\$39.95*
AMD Athlon II X3 440	2567	1247	54.70	\$46.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 445	2582	1239	28.38	\$91.00*
AMD Athlon II X3 450	2629	1222	58.50	\$44.95*
AMD Athlon II X3 455	2770	1180	30.80	\$89.95*
AMD Athlon II X3 460	2860	1153	57.21	\$49.99
AMD Athlon II X4 553	3814	891	NA	NA
AMD Athlon II X4 555	3830	885	NA	NA
AMD Athlon II X4 559	4166	819	NA	NA
AMD Athlon II X4 600e	2440	1287	18.74	\$130.23*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 605e	2743	1194	26.95	\$101.80*
AMD Athlon II X4 610e	2798	1173	39.98	\$69.99*
AMD Athlon II X4 615e	2901	1140	49.17	\$59.00*
AMD Athlon II X4 620	2941	1125	45.29	\$64.95*
AMD Athlon II X4 620e	2906	1135	NA	NA
AMD Athlon II X4 630	3138	1070	49.86	\$62.95
AMD Athlon II X4 631 Quad-Core	3155	1065	39.44	\$80.00
AMD Athlon II X4 635	3257	1029	46.56	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1047	NA	NA
AMD Athlon II X4 640	3318	1010	41.50	\$79.95
AMD Athlon II X4 641 Quad-Core	3361	1002	36.74	\$91.50*
AMD Athlon II X4 645	3481	969	34.83	\$99.95*
AMD Athlon II X4 650	3474	973	20.85	\$166.60*
AMD Athlon II X4 651 Quad-Core	3589	943	20.16	\$178.04*
AMD Athlon II X4 655	2880	1148	NA	NA
AMD Athlon II X4 6400e	2594	1234	NA	NA
AMD Athlon L110	306	2457	NA	NA
AMD Athlon LE-1600	567	2202	27.04	\$21.00*
AMD Athlon LE-1620	572	2198	31.83	\$18.00*
AMD Athlon LE-1640	626	2170	NA	NA
AMD Athlon LE-1660	676	2148	NA	NA
AMD Athlon MP	230	2562	4.20	\$54.95*
AMD Athlon MP 1700+	339	2421	NA	NA
AMD Athlon MP 2400+	436	2310	NA	NA
AMD Athlon MP 2800+	497	2243	NA	NA
AMD Athlon Neo MV-40	410	2332	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	1968	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2097	NA	NA
AMD Athlon Neo X2 Dual Core L335	818	2081	NA	NA
AMD Athlon QI-46	473	2271	NA	NA
AMD Athlon TF-20	418	2326	NA	NA
AMD Athlon TF-36	358	2399	NA	NA
AMD Athlon X2 215	1575	1670	NA	NA
AMD Athlon X2 235e	1806	1549	NA	NA
AMD Athlon X2 240	1575	1669	NA	NA
AMD Athlon X2 240e	1670	1621	NA	NA
AMD Athlon X2 250	1696	1606	NA	NA
AMD Athlon X2 255	1627	1643	NA	NA
AMD Athlon X2 280	2303	1336	13.17	\$174.81*
AMD Athlon X2 340 Dual Core	1893	1505	63.13	\$29.99*
AMD Athlon X2 370K Dual Core	2251	1364	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 440	1424	1734	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2096	NA	NA
AMD Athlon X2 Dual Core 6850e	998	1973	NA	NA
AMD Athlon X2 Dual Core BE-2300	975	1988	NA	NA
AMD Athlon X2 Dual Core BE-2350	1104	1908	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-2400	1213	1851	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1832	NA	NA
AMD Athlon X2 Dual Core L310	643	2161	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	1962	NA	NA
AMD Athlon X3 425	2191	1385	NA	NA
AMD Athlon X3 435	2574	1244	26.96	\$95.49*
AMD Athlon X3 440	2078	1432	23.62	\$87.99*
AMD Athlon X3 445	2314	1330	NA	NA
AMD Athlon X3 450	3064	1088	38.80	\$78.99*
AMD Athlon X3 455	2401	1303	NA	NA
AMD Athlon X4 605e	2505	1270	NA	NA
AMD Athlon X4 620	2861	1152	47.74	\$59.95
AMD Athlon X4 635	2891	1143	23.71	\$121.99*
AMD Athlon X4 640	3172	1054	NA	NA
AMD Athlon X4 645	3595	939	NA	NA
AMD Athlon X4 740 Quad Core	4009	848	14.48	\$277.00*
AMD Athlon X4 750 Quad Core	4551	747	NA	NA
AMD Athlon X4 750K Quad Core	4246	800	55.16	\$76.99*
AMD Athlon X4 760K Quad Core	4581	737	40.46	\$113.24*
AMD Athlon X4 830	4701	712	NA	NA
AMD Athlon X4 840	5030	655	63.89	\$78.74*
AMD Athlon X4 845	5434	605	31.25	\$173.89
AMD Athlon X4 860K	5454	601	47.44	\$114.99
AMD Athlon X4 870K	5312	622	67.91	\$78.22*
AMD Athlon X4 880K	5586	581	63.42	\$88.08
AMD Athlon X4 950	5394	609	85.65	\$62.99
AMD Athlon XP1600+	281	2502	NA	NA
AMD Athlon XP1700+	234	2558	NA	NA
AMD Athlon XP1900+	353	2406	NA	NA
AMD Athlon XP2100+	287	2491	NA	NA
AMD Athlon XP2200+	401	2349	NA	NA
AMD Athlon XP2400+	391	2364	NA	NA
AMD Athlon XP 1500	282	2501	NA	NA
AMD Athlon XP 1500+	257	2532	NA	NA
AMD Athlon XP 1600+	267	2522	NA	NA
AMD Athlon XP 1700	344	2416	NA	NA
AMD Athlon XP 1700+	271	2517	NA	NA
AMD Athlon XP 1800+	300	2469	5.09	\$58.95*
AMD Athlon XP 1900+	312	2448	NA	NA
AMD Athlon XP 2000+	299	2470	12.00	\$24.99*
AMD Athlon XP 2100+	323	2432	NA	NA
AMD Athlon XP 2200+	328	2430	3.87	\$84.95*
AMD Athlon XP 2300+	464	2278	NA	NA
AMD Athlon XP 2400+	360	2398	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	2403	NA	NA
AMD Athlon XP 2600+	372	2382	16.18	\$23.03*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2700+	393	2360	4.64	\$84.79*
AMD Athlon XP 2800+	398	2353	NA	NA
AMD Athlon XP 2900+	459	2283	NA	NA
AMD Athlon XP 3000+	402	2348	5.15	\$78.00*
AMD Athlon XP 3100+	433	2317	NA	NA
AMD Athlon XP 3200+	433	2318	NA	NA
AMD Athlon XP 3400+	570	2200	NA	NA
AMD Athlon XP Pro3+	367	2389	NA	NA
AMD Athlon XP-M	541	2214	15.48	\$34.95*
AMD C-30	310	2451	NA	NA
AMD C-50	462	2279	NA	NA
AMD C-60	476	2269	NA	NA
AMD C-60 APU	545	2209	NA	NA
AMD C-70 APU	568	2201	NA	NA
AMD E1 Micro-6200T APU	960	2002	NA	NA
AMD E1-1200 APU	662	2152	NA	NA
AMD E1-1500 APU	685	2141	NA	NA
AMD E1-2100 APU	630	2167	NA	NA
AMD E1-2200 APU	767	2101	NA	NA
AMD E1-2500 APU	888	2047	NA	NA
AMD E1-6010 APU	853	2063	NA	NA
AMD E1-6015 APU	899	2043	NA	NA
AMD E1-7010 APU	1000	1970	NA	NA
AMD E2-1800 APU	820	2079	NA	NA
AMD E2-2000 APU	827	2076	NA	NA
AMD E2-3000 APU	1088	1920	NA	NA
AMD E2-3000M APU	1092	1917	54.63	\$20.00*
AMD E2-3200 APU	1437	1729	179.88	\$7.99*
AMD E2-3800 APU	1634	1639	NA	NA
AMD E2-6110 APU	1901	1500	NA	NA
AMD E2-7110 APU	2289	1344	NA	NA
AMD E2-9000	1819	1547	NA	NA
AMD E2-9000e	1338	1775	NA	NA
AMD E2-9010	1837	1535	NA	NA
AMD E-240	318	2438	NA	NA
AMD E-300 APU	613	2175	NA	NA
AMD E-350	747	2111	NA	NA
AMD E-350 APU	770	2100	NA	NA
AMD E-350D APU	727	2120	NA	NA
AMD E-450 APU	766	2102	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1574	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1427	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2512	1267	NA	NA
AMD Embedded R-Series RX-216GD	2409	1300	NA	NA
AMD Embedded R-Series RX-421BD	4635	726	NA	NA
AMD EPYC 7251 8-Core	10771	173	20.32	\$529.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD EPYC 7351P	17991	46	22.49	\$799.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD EPYC 7401P	18465	40	16.06	\$1,149.99
AMD EPYC 7501	18942	36	5.19	\$3,649.99
AMD EPYC 7551	19003	35	5.14	\$3,699.99
AMD FirePro A320 APU	4540	749	NA	NA
AMD FX-670K Quad-Core	4505	753	NA	NA
AMD FX-770K Quad-Core	4769	705	NA	NA
AMD FX-870K Quad Core	5143	636	NA	NA
AMD FX-4100 Quad-Core	4059	832	67.66	\$60.00*
AMD FX-4130 Quad-Core	4172	817	52.82	\$78.99
AMD FX-4150 Quad-Core	4594	735	NA	NA
AMD FX-4170 Quad-Core	4849	687	33.77	\$143.61*
AMD FX-4200 Quad-Core	4236	801	18.56	\$228.21*
AMD FX-4300 Quad-Core	4672	718	71.35	\$65.49
AMD FX-4320	5007	663	NA	NA
AMD FX-4330	5239	628	NA	NA
AMD FX-4350 Quad-Core	5339	620	50.85	\$104.99
AMD FX-6100 Six-Core	5371	612	83.94	\$63.99*
AMD FX-6120 Six-Core	5747	562	NA	NA
AMD FX-6130 Six-Core	6215	508	NA	NA
AMD FX-6200 Six-Core	6112	525	44.79	\$136.48
AMD FX-6300 Six-Core	6379	503	77.80	\$81.99
AMD FX-6330 Six-Core	6755	463	NA	NA
AMD FX-6350 Six-Core	6983	446	60.21	\$115.99
AMD FX-7500 APU	3215	1041	NA	NA
AMD FX-7600P	4051	834	NA	NA
AMD FX-7600P APU	4627	728	NA	NA
AMD FX-8100 Eight-Core	6006	532	42.30	\$142.00*
AMD FX-8120 Eight-Core	6594	478	36.64	\$179.99*
AMD FX-8140 Eight-Core	5854	547	NA	NA
AMD FX-8150 Eight-Core	7620	395	19.87	\$383.50*
AMD FX-8300 Eight-Core	7715	387	68.46	\$112.70
AMD FX-8310 Eight-Core	7747	386	NA	NA
AMD FX-8320 Eight-Core	8023	361	84.46	\$94.99
AMD FX-8320E Eight-Core	7532	399	63.75	\$118.16
AMD FX-8350 Eight-Core	8949	299	74.58	\$119.99
AMD FX-8370 Eight-Core	9018	292	52.13	\$173.00
AMD FX-8370E Eight-Core	7802	378	39.41	\$197.99
AMD FX-8800P	4163	820	NA	NA
AMD FX-9370 Eight-Core	9508	249	39.95	\$237.99
AMD FX-9590 Eight-Core	10191	197	75.50	\$134.99
AMD FX-9800P	4011	846	NA	NA
AMD FX-9830P	4786	702	NA	NA
AMD FX-B4150 Quad-Core	4611	731	NA	NA
AMD G-T40E	485	2256	NA	NA
AMD G-T40N	516	2230	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T44R	227	2564	NA	NA
AMD G-T48E	716	2125	NA	NA
AMD G-T52R	303	2463	NA	NA
AMD G-T56E	751	2109	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T56N	783	2093	NA	NA
AMD Geode NX	264	2525	NA	NA
AMD Geode NX 1750	291	2480	NA	NA
AMD GX-210JA SOC	401	2350	NA	NA
AMD GX-212JC SOC	744	2113	NA	NA
AMD GX-217GA SOC	1097	1911	NA	NA
AMD GX-218GL SOC	1115	1897	NA	NA
AMD GX-222GC SOC	1255	1828	NA	NA
AMD GX-412HC	1497	1701	NA	NA
AMD GX-415GA SOC	1929	1491	NA	NA
AMD GX-420CA SOC	2299	1338	NA	NA
AMD GX-424CC SOC	2476	1278	NA	NA
AMD K7	403	2345	NA	NA
AMD Opteron 140	396	2355	0.67	\$595.50*
AMD Opteron 142	428	2322	NA	NA
AMD Opteron 144	486	2255	7.48	\$65.00*
AMD Opteron 146	532	2220	8.87	\$59.99*
AMD Opteron 148	603	2182	NA	NA
AMD Opteron 150	604	2180	NA	NA
AMD Opteron 152	658	2153	NA	NA
AMD Opteron 154	703	2136	NA	NA
AMD Opteron 165	899	2044	16.65	\$53.99*
AMD Opteron 170	1097	1912	NA	NA
AMD Opteron 175	1167	1876	NA	NA
AMD Opteron 180	1228	1842	9.45	\$129.95
AMD Opteron 185	1360	1764	NA	NA
AMD Opteron 246	632	2166	12.64	\$49.99
AMD Opteron 248	476	2268	39.73	\$12.00
AMD Opteron 250	649	2157	59.01	\$11.00
AMD Opteron 252	760	2105	12.00	\$63.36*
AMD Opteron 254	693	2140	NA	NA
AMD Opteron 256	963	1998	50.72	\$19.00*
AMD Opteron 265	963	1999	6.02	\$159.95*
AMD Opteron 270	1083	1923	1.78	\$607.47*
AMD Opteron 275	1291	1805	11.74	\$109.95
AMD Opteron 280	1272	1820	1.60	\$796.67*
AMD Opteron 285	1470	1711	NA	NA
AMD Opteron 290	1464	1713	10.85	\$135.00*
AMD Opteron 1210	923	2027	NA	NA
AMD Opteron 1210 HE	971	1990	NA	NA
AMD Opteron 1212	1009	1963	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1789	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1214	1191	1862	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1795	NA	NA
AMD Opteron 1216	1311	1786	23.91	\$54.85*
AMD Opteron 1216 HE	1172	1873	NA	NA
AMD Opteron 1218	1468	1712	NA	NA
AMD Opteron 1218 HE	1444	1726	NA	NA
AMD Opteron 1220	1653	1630	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1222	1757	1570	NA	NA
AMD Opteron 1352	2368	1313	17.42	\$135.99*
AMD Opteron 1354	2608	1231	8.41	\$309.97*
AMD Opteron 1356	2765	1185	30.73	\$89.99*
AMD Opteron 1381	3065	1087	NA	NA
AMD Opteron 2212	1270	1822	105.89	\$12.00
AMD Opteron 2214	1358	1765	2.39	\$569.00*
AMD Opteron 2214 HE	1415	1737	NA	NA
AMD Opteron 2216	1518	1692	8.53	\$178.00
AMD Opteron 2218	1594	1659	49.18	\$32.42*
AMD Opteron 2220	1701	1601	1.15	\$1,475.16
AMD Opteron 2220 SE	1398	1744	73.58	\$19.00
AMD Opteron 2222	1843	1531	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1493	NA	NA
AMD Opteron 2350	2820	1163	10.45	\$269.99*
AMD Opteron 2356	2814	1169	188.25	\$14.95
AMD Opteron 2373 EE	2789	1175	NA	NA
AMD Opteron 2374 HE	2951	1121	15.53	\$189.99*
AMD Opteron 2376	2283	1348	152.20	\$15.00
AMD Opteron 2378	3179	1052	17.76	\$179.00*
AMD Opteron 2380	2640	1219	105.64	\$25.00*
AMD Opteron 2384	3538	956	4.21	\$840.00*
AMD Opteron 2386 SE	3538	957	NA	NA
AMD Opteron 2393 SE	2246	1366	NA	NA
AMD Opteron 2427	3069	1085	32.26	\$95.14*
AMD Opteron 2431	4516	751	112.91	\$40.00
AMD Opteron 2435	4708	711	39.11	\$120.40*
AMD Opteron 3260 HE	3259	1028	NA	NA
AMD Opteron 3280	5286	625	19.35	\$273.18*
AMD Opteron 3320 EE	2675	1213	NA	NA
AMD Opteron 3350 HE	4009	847	NA	NA
AMD Opteron 3365	5929	539	NA	NA
AMD Opteron 3380	6384	502	7.89	\$809.00*
AMD Opteron 4122	2942	1124	11.32	\$259.95
AMD Opteron 4162 EE	3166	1055	NA	NA
AMD Opteron 4184	4418	767	8.50	\$519.95*
AMD Opteron 4280	6430	496	14.09	\$456.44*
AMD Opteron 4284	6660	472	18.64	\$357.30*
AMD Opteron 4332 HE	5614	575	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4334	6133	520	28.34	\$216.42*
AMD Opteron 4365 EE	5025	659	NA	NA
AMD Opteron 6128	4505	754	19.17	\$235.00
AMD Opteron 6134	2938	1126	4.93	\$595.95*
AMD Opteron 6136	4631	727	12.90	\$359.00
AMD Opteron 6164 HE	5351	617	NA	NA
AMD Opteron 6174	6171	514	1.64	\$3,769.92
AMD Opteron 6212	5776	556	27.57	\$209.50*
AMD Opteron 6234	5979	534	14.95	\$399.99*
AMD Opteron 6238	7316	419	6.72	\$1,088.11*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6272	6748	465	20.77	\$325.00
AMD Opteron 6274	4865	685	5.35	\$908.95*
AMD Opteron 6276	9011	293	36.93	\$244.00
AMD Opteron 6282 SE	9116	284	8.36	\$1,089.99*
AMD Opteron 6287 SE	9789	230	NA	NA
AMD Opteron 6328	7813	376	15.44	\$505.99
AMD Opteron 6366 HE	7503	402	NA	NA
AMD Opteron 6376	9414	258	14.98	\$628.45
AMD Opteron 6378	2152	1397	5.40	\$399.00
AMD Opteron 6380	10143	203	26.02	\$389.86
AMD Opteron 6386 SE	10748	174	4.46	\$2,407.51*
AMD Opteron 8354	2255	1363	187.96	\$12.00
AMD Opteron 8439 SE	3813	892	NA	NA
AMD Opteron X3216 APU	2355	1317	NA	NA
AMD Opteron X3421 APU	5029	657	NA	NA
AMD Phenom 2 X4 12000	3005	1106	NA	NA
AMD Phenom 7950 Quad-Core	2991	1111	NA	NA
AMD Phenom 8250 Triple-Core	1644	1632	NA	NA
AMD Phenom 8250e Triple-Core	1619	1644	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1641	1634	NA	NA
AMD Phenom 8450 Triple-Core	1886	1510	62.99	\$29.95*
AMD Phenom 8450e Triple-Core	2042	1441	NA	NA
AMD Phenom 8600 Triple-Core	1697	1602	32.04	\$52.99*
AMD Phenom 8600B Triple-Core	1945	1481	36.71	\$52.99*
AMD Phenom 8650 Triple-Core	1993	1462	39.87	\$49.99*
AMD Phenom 8750 Triple-Core	2067	1433	NA	NA
AMD Phenom 8750B Triple-Core	2034	1445	NA	NA
AMD Phenom 8850 Triple-Core	2026	1447	NA	NA
AMD Phenom 8850B Triple-Core	2080	1431	NA	NA
AMD Phenom 9100e Quad-Core	1838	1534	46.03	\$39.95*
AMD Phenom 9150e Quad-Core	2116	1414	52.98	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1328	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1224	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2210	1379	24.57	\$89.96*
AMD Phenom 9550 Quad-Core	2541	1252	63.62	\$39.95*
AMD Phenom 9600 Quad-Core	2305	1333	46.15	\$49.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9600B Quad-Core	2580	1241	17.53	\$147.19*
AMD Phenom 9650 Quad-Core	2638	1220	48.02	\$54.95*
AMD Phenom 9750 Quad-Core	2820	1165	47.04	\$59.95*
AMD Phenom 9750B Quad-Core	2709	1203	NA	NA
AMD Phenom 9850 Quad-Core	2896	1142	57.94	\$50.00*
AMD Phenom 9850B Quad-Core	3160	1064	NA	NA
AMD Phenom 9950 Quad-Core	3015	1103	16.76	\$179.98*
AMD Phenom FX-5000 Quad-Core	2518	1262	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1122	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	933	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	968	NA	NA
AMD Phenom II N620 Dual-Core	1677	1614	42.10	\$39.86*
AMD Phenom II N640 Dual-Core	1740	1577	26.80	\$64.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II N660 Dual-Core	1851	1528	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1216	NA	NA
AMD Phenom II N830 Triple-Core	1885	1511	NA	NA
AMD Phenom II N850 Triple-Core	1940	1484	77.62	\$25.00*
AMD Phenom II N870 Triple-Core	1980	1468	NA	NA
AMD Phenom II N930 Quad-Core	2270	1357	22.74	\$99.86*
AMD Phenom II N950 Quad-Core	2488	1274	22.10	\$112.60*
AMD Phenom II N970 Quad-Core	2518	1261	16.79	\$149.99*
AMD Phenom II P650 Dual-Core	1603	1655	45.81	\$35.00*
AMD Phenom II P820 Triple-Core	1611	1650	NA	NA
AMD Phenom II P840 Triple-Core	1731	1582	NA	NA
AMD Phenom II P860 Triple-Core	1759	1568	NA	NA
AMD Phenom II P920 Quad-Core	1881	1516	25.08	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1545	NA	NA
AMD Phenom II P960 Quad-Core	2093	1424	74.77	\$28.00*
AMD Phenom II X2 511	2104	1419	NA	NA
AMD Phenom II X2 521	2091	1426	NA	NA
AMD Phenom II X2 545	1905	1496	38.16	\$49.95*
AMD Phenom II X2 550	2025	1448	15.18	\$133.39*
AMD Phenom II X2 555	2041	1442	6.81	\$299.95*
AMD Phenom II X2 560	2051	1438	18.66	\$109.95*
AMD Phenom II X2 565	2211	1378	17.70	\$124.95*
AMD Phenom II X2 570	1960	1473	NA	NA
AMD Phenom II X2 B53	1670	1622	NA	NA
AMD Phenom II X2 B55	1934	1489	40.30	\$48.00*
AMD Phenom II X2 B57	1884	1512	NA	NA
AMD Phenom II X2 B59	2148	1400	43.01	\$49.95*
AMD Phenom II X3 700e	2266	1358	NA	NA
AMD Phenom II X3 705e	2227	1374	14.63	\$152.34*
AMD Phenom II X3 710	2446	1285	28.94	\$84.53*
AMD Phenom II X3 715	2649	1218	31.17	\$84.99*
AMD Phenom II X3 720	2683	1212	35.79	\$74.99*
AMD Phenom II X3 740	3002	1107	33.75	\$88.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 B73	2735	1197	36.47	\$75.00*
AMD Phenom II X3 B75	2947	1123	NA	NA
AMD Phenom II X3 B77	3067	1086	NA	NA
AMD Phenom II X4 805	2997	1109	17.23	\$173.99*
AMD Phenom II X4 810	3132	1071	27.01	\$115.99*
AMD Phenom II X4 820	3420	984	38.01	\$89.99*
AMD Phenom II X4 830	3445	979	43.10	\$79.95*
AMD Phenom II X4 840	3515	962	39.08	\$89.95*
AMD Phenom II X4 840T	3616	934	45.23	\$79.95*
AMD Phenom II X4 850	3545	954	31.81	\$111.49*
AMD Phenom II X4 900e	2882	1146	NA	NA
AMD Phenom II X4 905e	3084	1080	14.52	\$212.38*
AMD Phenom II X4 910	3271	1022	32.72	\$100.00*
AMD Phenom II X4 910e	3276	1021	20.87	\$156.99*
AMD Phenom II X4 920	3407	989	51.63	\$65.99
AMD Phenom II X4 925	3428	983	21.43	\$159.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 940	3601	937	36.02	\$99.99
AMD Phenom II X4 945	3676	926	12.77	\$287.89*
AMD Phenom II X4 955	3943	861	30.30	\$130.16*
AMD Phenom II X4 960T	3805	894	28.19	\$134.99*
AMD Phenom II X4 965	4202	808	64.71	\$64.95
AMD Phenom II X4 970	4358	782	25.35	\$171.91*
AMD Phenom II X4 973	3759	907	NA	NA
AMD Phenom II X4 975	4496	756	34.59	\$129.99*
AMD Phenom II X4 977	3750	911	NA	NA
AMD Phenom II X4 980	4504	755	32.96	\$136.64*
AMD Phenom II X4 8700e	2377	1310	NA	NA
AMD Phenom II X4 B05e	2781	1177	NA	NA
AMD Phenom II X4 B15e	2736	1196	NA	NA
AMD Phenom II X4 B25	3430	982	NA	NA
AMD Phenom II X4 B35	3382	996	NA	NA
AMD Phenom II X4 B40	3406	990	NA	NA
AMD Phenom II X4 B45	3466	975	NA	NA
AMD Phenom II X4 B50	3703	920	NA	NA
AMD Phenom II X4 B55	3868	876	NA	NA
AMD Phenom II X4 B60	4046	835	NA	NA
AMD Phenom II X4 B65	4177	815	NA	NA
AMD Phenom II X4 B70	4261	798	NA	NA
AMD Phenom II X4 B93	3361	1001	NA	NA
AMD Phenom II X4 B95	3722	914	51.03	\$72.95*
AMD Phenom II X4 B97	3911	868	48.93	\$79.95*
AMD Phenom II X4 B99	4130	826	NA	NA
AMD Phenom II X6 1035T	4679	717	24.76	\$189.00*
AMD Phenom II X6 1045T	4832	691	27.61	\$175.00*
AMD Phenom II X6 1055T	4983	666	26.94	\$185.00*
AMD Phenom II X6 1065T	5081	647	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1075T	5364	615	20.63	\$259.99*
AMD Phenom II X6 1090T	5603	577	14.15	\$396.08*
AMD Phenom II X6 1100T	5759	559	24.61	\$233.99*
AMD Phenom II X6 1405T	5042	654	NA	NA
AMD Phenom II X620 Dual-Core	2189	1386	NA	NA
AMD Phenom II X640 Dual-Core	2021	1449	NA	NA
AMD Phenom II X920 Quad-Core	2638	1221	NA	NA
AMD Phenom II X940 Quad-Core	2695	1208	NA	NA
AMD Phenom Ultra X4 24500	3945	860	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1604	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1380	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1571	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1868	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1730	NA	NA
AMD Phenom X3 8550	1929	1490	11.35	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1569	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1461	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1371	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2812	1170	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X4 Quad-Core GP-9830	2715	1201	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1210	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1854	NA	NA
AMD PRO A4-3350B APU	2833	1158	NA	NA
AMD PRO A4-8350B	2881	1147	NA	NA
AMD PRO A6-7350B	2759	1188	NA	NA
AMD PRO A6-8500B	2516	1263	NA	NA
AMD PRO A6-8530B	2435	1288	NA	NA
AMD PRO A6-8550B	3042	1096	NA	NA
AMD PRO A6-8570	3049	1094	NA	NA
AMD PRO A6-8570E	2906	1136	NA	NA
AMD PRO A6-9500	3262	1026	44.09	\$74.00*
AMD PRO A6-9500B	2303	1334	NA	NA
AMD PRO A6-9500E	2752	1190	37.20	\$74.00*
AMD PRO A8-8600B	3827	886	NA	NA
AMD PRO A8-8650B	5457	600	NA	NA
AMD PRO A8-9600	5342	619	44.89	\$119.00*
AMD PRO A8-9600B	4019	843	NA	NA
AMD PRO A10-8700B	3595	940	NA	NA
AMD PRO A10-8730B	3917	866	NA	NA
AMD PRO A10-8750B	5653	572	NA	NA
AMD PRO A10-8770	5742	564	NA	NA
AMD PRO A10-8770E	4881	682	NA	NA
AMD PRO A10-8850B	5852	549	NA	NA
AMD PRO A10-9700	5640	573	33.37	\$169.00*
AMD PRO A10-9700B	4393	771	NA	NA
AMD PRO A10-9700E	4996	664	35.95	\$139.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A12-8800B	4193	811	NA	NA
AMD PRO A12-8830B	4025	841	NA	NA
AMD PRO A12-8870	6177	512	NA	NA
AMD PRO A12-8870E	4814	695	NA	NA
AMD PRO A12-9800	6199	510	36.68	\$169.00*
AMD PRO A12-9800B	4336	786	NA	NA
AMD PRO A12-9800E	4812	697	28.47	\$169.00*
AMD QC-4000	1657	1628	NA	NA
AMD R-260H APU	1576	1666	NA	NA
AMD R-460L APU	1954	1475	NA	NA
AMD R-464L APU	3026	1098	NA	NA
AMD RX-427BB	4470	760	NA	NA
AMD Ryzen 3 1200	6851	455	65.26	\$104.99
AMD Ryzen 3 1300X	7526	401	65.46	\$114.99
AMD Ryzen 3 2200G	7414	411	74.15	\$99.99
AMD Ryzen 3 2200U	5439	604	NA	NA
AMD Ryzen 3 PRO 1200	7277	423	NA	NA
AMD Ryzen 3 PRO 1300	8270	340	NA	NA
AMD Ryzen 5 1400	8410	334	52.57	\$159.99
AMD Ryzen 5 1500X	10365	189	64.79	\$159.99
AMD Ryzen 5 1600	12298	141	63.07	\$194.99
AMD Ryzen 5 1600X	13238	122	64.23	\$206.10
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 2400G	9400	260	55.62	\$169.00
AMD Ryzen 5 2500U	7806	377	NA	NA
AMD Ryzen 5 PRO 1500	11040	165	NA	NA
AMD Ryzen 5 PRO 1600	12213	144	NA	NA
AMD Ryzen 7 1700	13754	113	49.12	\$279.99
AMD Ryzen 7 1700X	14620	92	52.22	\$279.98
AMD Ryzen 7 1800X	15391	80	43.01	\$357.89
AMD Ryzen 7 2700U	7902	372	NA	NA
AMD Ryzen 7 PRO 1700	14859	89	NA	NA
AMD Ryzen 7 PRO 1700X	15221	84	NA	NA
AMD Ryzen Threadripper 1900X	15916	77	35.37	\$449.99
AMD Ryzen Threadripper 1920X	18200	43	24.27	\$749.99
AMD Ryzen Threadripper 1950X	22104	14	25.26	\$874.99
AMD Sempron 130	656	2155	26.29	\$24.99*
AMD Sempron 140	737	2115	18.63	\$39.59*
AMD Sempron 145	812	2086	8.56	\$94.92
AMD Sempron 150	707	2132	15.74	\$44.95
AMD Sempron 200U	267	2521	3.08	\$87.00*
AMD Sempron 210U	382	2370	NA	NA
AMD Sempron 2100+	392	2362	NA	NA
AMD Sempron 2200+	281	2505	9.38	\$29.99*
AMD Sempron 2300+	318	2439	7.07	\$45.00*
AMD Sempron 2400+	313	2447	11.62	\$27.00*
AMD Sempron 2500+	335	2423	4.20	\$79.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2600+	374	2380	12.49	\$29.95
AMD Sempron 2650 APU	941	2016	26.91	\$34.97
AMD Sempron 2800+	384	2369	7.31	\$52.53
AMD Sempron 3000+	408	2335	8.19	\$49.95
AMD Sempron 3100+	452	2292	7.53	\$60.00*
AMD Sempron 3200+	404	2343	31.12	\$13.00
AMD Sempron 3300+	484	2262	16.14	\$30.00
AMD Sempron 3400+	453	2291	32.36	\$14.00
AMD Sempron 3500+	384	2368	19.23	\$20.00
AMD Sempron 3600+	489	2250	40.78	\$12.00
AMD Sempron 3800+	554	2206	26.39	\$21.00
AMD Sempron 3850 APU	1707	1593	34.16	\$49.99
AMD Sempron Dual Core 2100	924	2026	23.69	\$39.00*
AMD Sempron Dual Core 2200	995	1977	NA	NA
AMD Sempron Dual Core 2300	982	1986	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2010	NA	NA
AMD Sempron Dual Core 4900	1081	1925	NA	NA
AMD Sempron LE-250	490	2248	NA	NA
AMD Sempron LE-1100	436	2312	NA	NA
AMD Sempron LE-1150	449	2295	NA	NA
AMD Sempron LE-1200	526	2222	NA	NA
AMD Sempron LE-1250	541	2213	6.78	\$79.95
AMD Sempron LE-1300	605	2177	50.47	\$12.00
AMD Sempron LE-1600	535	2219	NA	NA
AMD Sempron LE-1620	635	2165	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron LE-1640	759	2106	NA	NA
AMD Sempron M100	556	2205	46.41	\$12.00
AMD Sempron M120	580	2193	NA	NA
AMD Sempron SI-40	443	2303	36.93	\$12.00
AMD Sempron SI-42	454	2289	37.88	\$12.00
AMD Sempron X2 180	1222	1845	17.62	\$69.40*
AMD Sempron X2 190	1529	1682	18.33	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1738	NA	NA
AMD Turion 64 Mobile MK-36	465	2276	NA	NA
AMD Turion 64 Mobile MK-38	513	2231	NA	NA
AMD Turion 64 Mobile ML-28	390	2365	NA	NA
AMD Turion 64 Mobile ML-30	402	2347	NA	NA
AMD Turion 64 Mobile ML-32	410	2333	NA	NA
AMD Turion 64 Mobile ML-34	425	2324	NA	NA
AMD Turion 64 Mobile ML-37	447	2300	2.28	\$196.50*
AMD Turion 64 Mobile ML-40	520	2227	NA	NA
AMD Turion 64 Mobile ML-42	615	2173	NA	NA
AMD Turion 64 Mobile ML-44	591	2185	NA	NA
AMD Turion 64 Mobile MT-28	419	2325	NA	NA
AMD Turion 64 Mobile MT-30	378	2373	NA	NA
AMD Turion 64 Mobile MT-32	426	2323	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-34	429	2320	NA	NA
AMD Turion 64 Mobile MT-37	484	2261	NA	NA
AMD Turion 64 Mobile MT-40	536	2216	NA	NA
AMD Turion 64 X2 Mobile TL-50	753	2108	15.08	\$49.99*
AMD Turion 64 X2 Mobile TL-52	762	2103	NA	NA
AMD Turion 64 X2 Mobile TL-56	883	2048	44.16	\$20.00*
AMD Turion 64 X2 Mobile TL-58	942	2015	NA	NA
AMD Turion 64 X2 Mobile TL-60	988	1982	54.77	\$18.05*
AMD Turion 64 X2 Mobile TL-62	1093	1915	3.52	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1113	1899	28.26	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1112	1900	2.94	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1149	1885	12.77	\$90.00*
AMD Turion Dual-Core RM-70	895	2046	59.70	\$15.00*
AMD Turion Dual-Core RM-72	860	2058	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	1959	NA	NA
AMD Turion Dual-Core RM-75	961	2000	41.90	\$22.95*
AMD Turion II Dual-Core Mobile M500	1295	1798	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	1790	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1776	NA	NA
AMD Turion II N530 Dual-Core	1583	1662	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1688	NA	NA
AMD Turion II Neo K625 Dual-Core	973	1989	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	1865	NA	NA
AMD Turion II Neo N40L Dual-Core	918	2033	NA	NA
AMD Turion II Neo N54L Dual-Core	1378	1753	NA	NA
AMD Turion II P520 Dual-Core	1362	1763	NA	NA
AMD Turion II P540 Dual-Core	1445	1725	28.94	\$49.96*
AMD Turion II P560 Dual-Core	1511	1695	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II Ultra Dual-Core Mobile M600	1408	1739	58.68	\$24.00*
AMD Turion II Ultra Dual-Core Mobile M620	1427	1733	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1623	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1681	NA	NA
AMD Turion Neo X2 Dual Core L625	815	2083	NA	NA
AMD Turion X2 Dual Core L510	923	2028	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2060	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	1934	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	989	1981	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1089	1918	4.86	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1056	1936	42.34	\$24.95*
AMD Turion X2 Dual-Core Mobile RM-75	1142	1892	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1230	1841	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1017	1958	72.67	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1074	1929	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	1852	94.53	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1218	1848	27.07	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1797	23.58	\$55.00*

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	1348	1769	33.76	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	1974	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	1951	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1721	NA	NA
AMD V105	286	2492	NA	NA
AMD V120	622	2172	NA	NA
AMD V140	643	2162	49.47	\$13.00*
AMD V160	681	2145	NA	NA
AMD Z-01	523	2225	NA	NA
AMD Z-60 APU	485	2258	NA	NA
AMD-K6 3D	90	2643	NA	NA
AMD-K6-III	108	2640	NA	NA
AMD-K7	403	2346	NA	NA
Athlon 64 Dual Core 3800+	1234	1840	NA	NA
Athlon 64 Dual Core 4200+	1156	1881	NA	NA
Athlon 64 Dual Core 4800+	1370	1756	NA	NA
Athlon 64 Dual Core 5000+	1507	1696	NA	NA
Athlon 64 Dual Core 5400+	1614	1648	NA	NA
Athlon 64 Dual Core 5600+	1548	1676	NA	NA
Athlon Dual Core 4050e	968	1994	NA	NA
Athlon Dual Core 4450e	1081	1926	NA	NA
Athlon Dual Core 4850e	1327	1781	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1157	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1088	1919	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1174	1869	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1209	1855	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	1817	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1857	NA	NA
HP Hexa-Core 2.0GHz	2178	1389	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2061	NA	NA
Intel 1400 @ 1.83GHz	980	1987	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel 1500 @ 2.00GHz	1024	1954	NA	NA
Intel Atom 230 @ 1.60GHz	307	2456	NA	NA
Intel Atom 330 @ 1.60GHz	590	2186	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2045	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2001	NA	NA
Intel Atom C2550 @ 2.40GHz	2329	1325	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1393	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3805	893	16.40	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1005	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1058	14.72	\$214.86*
Intel Atom C3558 @ 2.20GHz	2538	1254	29.52	\$86.00*
Intel Atom D410 @ 1.66GHz	303	2464	0.48	\$635.99*
Intel Atom D425 @ 1.80GHz	340	2419	0.34	\$992.98*
Intel Atom D510 @ 1.66GHz	653	2156	6.73	\$97.16*
Intel Atom D525 @ 1.80GHz	703	2135	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D2500 @ 1.86GHz	406	2340	NA	NA
Intel Atom D2550 @ 1.86GHz	675	2149	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2128	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2067	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2123	NA	NA
Intel Atom E660 @ 1.30GHz	271	2518	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2413	NA	NA
Intel Atom E3815 @ 1.46GHz	362	2397	2.15	\$169.00
Intel Atom E3825 @ 1.33GHz	564	2204	8.03	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2251	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2065	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	1879	NA	NA
Intel Atom E3845 @ 1.91GHz	1489	1704	NA	NA
Intel Atom E3950 @ 1.60GHz	2034	1444	NA	NA
Intel Atom K510 @ 1.66GHz	658	2154	NA	NA
Intel Atom N270 @ 1.60GHz	270	2519	NA	NA
Intel Atom N280 @ 1.66GHz	283	2497	NA	NA
Intel Atom N435 @ 1.33GHz	236	2557	NA	NA
Intel Atom N450 @ 1.66GHz	300	2468	NA	NA
Intel Atom N455 @ 1.66GHz	284	2494	NA	NA
Intel Atom N470 @ 1.83GHz	307	2455	NA	NA
Intel Atom N475 @ 1.83GHz	314	2444	NA	NA
Intel Atom N550 @ 1.50GHz	521	2226	6.06	\$86.00*
Intel Atom N570 @ 1.66GHz	574	2197	6.68	\$86.00*
Intel Atom N2100 @ 1.60GHz	309	2452	NA	NA
Intel Atom N2600 @ 1.60GHz	525	2223	NA	NA
Intel Atom N2800 @ 1.86GHz	628	2168	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2035	14.32	\$64.00*
Intel Atom x5-E3930 @ 1.30GHz	811	2087	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1609	1651	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1202	1859	9.04	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1005	1967	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1292	1800	61.55	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1690	1608	27.02	\$62.57*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom x5-Z8550 @ 1.44GHz	1874	1522	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1912	1494	25.98	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1937	1487	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2594	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2573	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2576	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2504	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2411	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2371	NA	NA
Intel Atom Z670 @ 1.50GHz	249	2543	NA	NA
Intel Atom Z2760 @ 1.80GHz	567	2203	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2036	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3735E @ 1.33GHz	927	2024	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	907	2041	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2039	NA	NA
Intel Atom Z3736F @ 1.33GHz	920	2032	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	1933	NA	NA
Intel Atom Z3740D @ 1.33GHz	1020	1956	NA	NA
Intel Atom Z3745 @ 1.33GHz	1071	1930	NA	NA
Intel Atom Z3745D @ 1.33GHz	1019	1957	NA	NA
Intel Atom Z3770 @ 1.46GHz	1243	1837	8.32	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2089	NA	NA
Intel Atom Z3775 @ 1.46GHz	1252	1830	35.79	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1815	NA	NA
Intel Atom Z3795 @ 1.60GHz	1772	1562	NA	NA
Intel Celeron 1.70GHz	130	2633	NA	NA
Intel Celeron 1.80GHz	136	2630	NA	NA
Intel Celeron 2.00GHz	184	2603	NA	NA
Intel Celeron 2.10GHz	244	2550	NA	NA
Intel Celeron 2.13GHz	208	2583	NA	NA
Intel Celeron 2.20GHz	213	2578	NA	NA
Intel Celeron 2.26GHz	223	2568	NA	NA
Intel Celeron 2.30GHz	227	2565	NA	NA
Intel Celeron 2.40GHz	217	2574	NA	NA
Intel Celeron 2.50GHz	247	2545	NA	NA
Intel Celeron 2.53GHz	245	2548	NA	NA
Intel Celeron 2.60GHz	238	2554	NA	NA
Intel Celeron 2.66GHz	252	2539	NA	NA
Intel Celeron 2.70GHz	245	2549	NA	NA
Intel Celeron 2.80GHz	254	2535	NA	NA
Intel Celeron 2.93GHz	285	2493	NA	NA
Intel Celeron 3.06GHz	283	2498	NA	NA
Intel Celeron 3.20GHz	288	2485	NA	NA
Intel Celeron 3.33GHz	333	2426	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2434	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2437	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2293	12.96	\$34.78*
Intel Celeron 430 @ 1.80GHz	492	2245	10.94	\$45.00
Intel Celeron 440 @ 2.00GHz	543	2211	6.80	\$79.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 450 @ 2.20GHz	627	2169	NA	NA
Intel Celeron 530 @ 1.73GHz	468	2273	20.36	\$23.00*
Intel Celeron 540 @ 1.86GHz	511	2234	NA	NA
Intel Celeron 550 @ 2.00GHz	503	2239	38.75	\$13.00*
Intel Celeron 560 @ 2.13GHz	535	2217	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	526	2221	NA	NA
Intel Celeron 600MHz	147	2627	NA	NA
Intel Celeron 723 @ 1.20GHz	408	2336	NA	NA
Intel Celeron 743 @ 1.30GHz	436	2311	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 807 @ 1.50GHz	751	2110	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2386	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2174	NA	NA
Intel Celeron 847 @ 1.10GHz	936	2019	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1026	1952	NA	NA
Intel Celeron 857 @ 1.20GHz	1172	1874	NA	NA
Intel Celeron 867 @ 1.30GHz	1199	1860	NA	NA
Intel Celeron 877 @ 1.40GHz	1288	1807	NA	NA
Intel Celeron 887 @ 1.50GHz	1297	1796	NA	NA
Intel Celeron 900 @ 2.20GHz	677	2147	23.36	\$28.99
Intel Celeron 925 @ 2.30GHz	696	2139	NA	NA
Intel Celeron 1000M @ 1.80GHz	1673	1617	NA	NA
Intel Celeron 1000MHz	241	2552	NA	NA
Intel Celeron 1005M @ 1.90GHz	1824	1541	NA	NA
Intel Celeron 1007U @ 1.50GHz	1398	1743	7.56	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1520	1689	NA	NA
Intel Celeron 1019Y @ 1.00GHz	926	2025	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1372	NA	NA
Intel Celeron 1037U @ 1.80GHz	1733	1580	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1863	NA	NA
Intel Celeron 1066MHz	259	2529	NA	NA
Intel Celeron 1100MHz	174	2612	NA	NA
Intel Celeron 1133MHz	282	2499	NA	NA
Intel Celeron 1200MHz	244	2551	NA	NA
Intel Celeron 1300MHz	288	2488	NA	NA
Intel Celeron 1333MHz	290	2481	NA	NA
Intel Celeron 1400MHz	302	2465	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1316	NA	NA
Intel Celeron 2950M @ 2.00GHz	2008	1458	NA	NA
Intel Celeron 2955U @ 1.40GHz	1435	1731	NA	NA
Intel Celeron 2957U @ 1.40GHz	1453	1722	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	1904	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1331	NA	NA
Intel Celeron 2980U @ 1.60GHz	1576	1667	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1668	NA	NA
Intel Celeron 3205U @ 1.50GHz	1545	1677	5.38	\$287.04
Intel Celeron 3215U @ 1.70GHz	1650	1631	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1600	NA	NA
Intel Celeron 3765U @ 1.90GHz	2038	1443	NA	NA
Intel Celeron 3855U @ 1.60GHz	1689	1609	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3865U @ 1.80GHz	1952	1477	NA	NA
Intel Celeron 3955U @ 2.00GHz	1740	1578	NA	NA
Intel Celeron 3965U @ 2.20GHz	2433	1290	22.74	\$107.00*
Intel Celeron @ 1.30GHz	965	1996	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2600	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2084	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron B800 @ 1.50GHz	1284	1811	NA	NA
Intel Celeron B810 @ 1.60GHz	1381	1750	NA	NA
Intel Celeron B815 @ 1.60GHz	1367	1758	NA	NA
Intel Celeron B820 @ 1.70GHz	1430	1732	36.42	\$39.29
Intel Celeron B830 @ 1.80GHz	1528	1683	NA	NA
Intel Celeron B840 @ 1.90GHz	1725	1585	NA	NA
Intel Celeron D 347 @ 3.06GHz	274	2516	NA	NA
Intel Celeron D 352 @ 3.20GHz	305	2459	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2442	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2425	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2344	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2264	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2189	NA	NA
Intel Celeron E1200 @ 1.60GHz	860	2057	13.88	\$62.01*
Intel Celeron E1400 @ 2.00GHz	1046	1939	13.08	\$79.95
Intel Celeron E1500 @ 2.20GHz	1155	1882	18.28	\$63.25*
Intel Celeron E1600 @ 2.40GHz	1260	1825	NA	NA
Intel Celeron E3200 @ 2.40GHz	1386	1747	26.67	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1387	1746	124.01	\$11.19
Intel Celeron E3400 @ 2.60GHz	1437	1728	18.80	\$76.47*
Intel Celeron E3500 @ 2.70GHz	1454	1720	46.91	\$31.00
Intel Celeron G440 @ 1.60GHz	698	2138	5.59	\$125.00
Intel Celeron G460 @ 1.80GHz	1031	1947	15.88	\$65.00
Intel Celeron G465 @ 1.90GHz	1065	1932	13.32	\$80.00
Intel Celeron G470 @ 2.00GHz	1306	1791	NA	NA
Intel Celeron G530 @ 2.40GHz	2147	1401	30.68	\$69.99
Intel Celeron G530T @ 2.00GHz	1604	1653	NA	NA
Intel Celeron G540 @ 2.50GHz	2200	1382	104.86	\$20.99
Intel Celeron G540T @ 2.10GHz	2114	1415	NA	NA
Intel Celeron G550 @ 2.60GHz	2291	1342	114.64	\$19.99
Intel Celeron G550T @ 2.20GHz	2063	1434	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1294	48.45	\$50.00
Intel Celeron G1101 @ 2.27GHz	1727	1583	20.33	\$85.00*
Intel Celeron G1610 @ 2.60GHz	2496	1272	99.88	\$24.99
Intel Celeron G1610T @ 2.30GHz	2303	1335	57.53	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2582	1240	16.81	\$153.59
Intel Celeron G1620T @ 2.40GHz	2353	1319	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2479	1277	35.43	\$69.99
Intel Celeron G1820 @ 2.70GHz	2769	1182	18.46	\$149.99*
Intel Celeron G1820T @ 2.40GHz	2505	1269	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1406	NA	NA
Intel Celeron G1830 @ 2.80GHz	2555	1250	36.00	\$70.99*
Intel Celeron G1840 @ 2.80GHz	2872	1151	18.07	\$159.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1840T @ 2.50GHz	2605	1232	NA	NA
Intel Celeron G1850 @ 2.90GHz	2898	1141	36.23	\$80.00*
Intel Celeron G3900 @ 2.80GHz	3042	1095	84.08	\$36.19

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3900E @ 2.40GHz	2707	1206	NA	NA
Intel Celeron G3900T @ 2.60GHz	2902	1138	NA	NA
Intel Celeron G3920 @ 2.90GHz	3412	986	80.94	\$42.16
Intel Celeron G3930 @ 2.90GHz	3072	1083	NA	NA
Intel Celeron G3950 @ 3.00GHz	3334	1008	26.46	\$126.03*
Intel Celeron J1750 @ 2.41GHz	1037	1946	NA	NA
Intel Celeron J1800 @ 2.41GHz	1026	1949	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1649	NA	NA
Intel Celeron J1900 @ 1.99GHz	1862	1524	NA	NA
Intel Celeron J3060 @ 1.60GHz	983	1985	NA	NA
Intel Celeron J3160 @ 1.60GHz	1789	1557	NA	NA
Intel Celeron J3355 @ 2.00GHz	1291	1803	NA	NA
Intel Celeron J3455 @ 1.50GHz	2142	1403	9.17	\$233.52*
Intel Celeron M 1.00GHz	207	2585	17.43	\$11.89
Intel Celeron M 1.30GHz	316	2441	NA	NA
Intel Celeron M 1.50GHz	343	2417	NA	NA
Intel Celeron M 1.60GHz	365	2393	NA	NA
Intel Celeron M 1.70GHz	393	2361	NA	NA
Intel Celeron M 360 1.40GHz	327	2431	NA	NA
Intel Celeron M 410 @ 1.46GHz	316	2440	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2420	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2390	NA	NA
Intel Celeron M 440 @ 1.86GHz	413	2330	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2536	NA	NA
Intel Celeron M 450 @ 2.00GHz	455	2288	NA	NA
Intel Celeron M 520 @ 1.60GHz	434	2316	NA	NA
Intel Celeron M 530 @ 1.73GHz	459	2284	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2212	NA	NA
Intel Celeron M 600MHz	151	2625	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2287	NA	NA
Intel Celeron M 900MHz	207	2584	NA	NA
Intel Celeron M 1200MHz	275	2514	NA	NA
Intel Celeron M 1300MHz	303	2462	NA	NA
Intel Celeron M 1500MHz	332	2428	NA	NA
Intel Celeron M ULV 800MHz	184	2605	NA	NA
Intel Celeron N2805 @ 1.46GHz	454	2290	NA	NA
Intel Celeron N2806 @ 1.60GHz	782	2094	NA	NA
Intel Celeron N2807 @ 1.58GHz	851	2064	NA	NA
Intel Celeron N2808 @ 1.58GHz	929	2023	NA	NA
Intel Celeron N2810 @ 2.00GHz	774	2099	4.14	\$186.99
Intel Celeron N2815 @ 1.86GHz	862	2056	NA	NA
Intel Celeron N2820 @ 2.13GHz	949	2009	5.00	\$190.00
Intel Celeron N2830 @ 2.16GHz	951	2007	NA	NA
Intel Celeron N2840 @ 2.16GHz	1007	1964	NA	NA
Intel Celeron N2910 @ 1.60GHz	1208	1856	NA	NA
Intel Celeron N2920 @ 1.86GHz	1516	1694	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 Celeron N2930 @ 1.83GHz	1636	1638	NA	NA
Intel Celeron N2940 @ 1.83GHz	1733	1581	NA	NA
Intel Celeron N3000 @ 1.04GHz	906	2042	NA	NA
Intel Celeron N3010 @ 1.04GHz	936	2021	NA	NA
Intel Celeron N3050 @ 1.60GHz	882	2049	2.94	\$299.99*
Intel Celeron N3060 @ 1.60GHz	996	1975	NA	NA
Intel Celeron N3150 @ 1.60GHz	1661	1626	NA	NA
Intel Celeron N3160 @ 1.60GHz	1703	1598	5.64	\$302.00
Intel Celeron N3350 @ 1.10GHz	1106	1906	NA	NA
Intel Celeron N3450 @ 1.10GHz	1837	1536	11.21	\$163.99
Intel Celeron P4500 @ 1.87GHz	1139	1893	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	1979	NA	NA
Intel Celeron P4600 @ 2.00GHz	1340	1771	NA	NA
Intel Celeron SU2300 @ 1.20GHz	775	2098	NA	NA
Intel Celeron T1600 @ 1.66GHz	947	2011	47.39	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	1935	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1596	NA	NA
Intel Celeron U3400 @ 1.07GHz	735	2116	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2142	NA	NA
Intel Celeron U3600 @ 1.20GHz	805	2088	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1047	1937	21.00	\$49.90
Intel Core2 Duo E4400 @ 2.00GHz	1160	1880	23.27	\$49.90
Intel Core2 Duo E4500 @ 2.20GHz	1274	1818	25.55	\$49.90
Intel Core2 Duo E4600 @ 2.40GHz	1385	1748	27.76	\$49.90
Intel Core2 Duo E4700 @ 2.60GHz	1483	1706	14.83	\$100.00*
Intel Core2 Duo E6300 @ 1.86GHz	1110	1903	22.25	\$49.90
Intel Core2 Duo E6320 @ 1.86GHz	1182	1867	23.70	\$49.90
Intel Core2 Duo E6400 @ 2.13GHz	1295	1799	25.95	\$49.90
Intel Core2 Duo E6420 @ 2.13GHz	1363	1761	27.32	\$49.90
Intel Core2 Duo E6540 @ 2.33GHz	1457	1719	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1700	30.04	\$49.90
Intel Core2 Duo E6600 @ 2.40GHz	1553	1675	31.12	\$49.90
Intel Core2 Duo E6700 @ 2.66GHz	1697	1603	14.63	\$115.99
Intel Core2 Duo E6750 @ 2.66GHz	1719	1587	27.75	\$61.99*
Intel Core2 Duo E6850 @ 3.00GHz	1951	1479	39.11	\$49.90
Intel Core2 Duo E7200 @ 2.53GHz	1636	1637	32.80	\$49.90
Intel Core2 Duo E7300 @ 2.66GHz	1726	1584	78.49	\$21.99*
Intel Core2 Duo E7400 @ 2.80GHz	1775	1561	35.58	\$49.90
Intel Core2 Duo E7500 @ 2.93GHz	1876	1520	134.15	\$13.99
Intel Core2 Duo E7600 @ 3.06GHz	1989	1465	16.58	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1523	1687	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1765	1564	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1888	1509	37.85	\$49.90
Intel Core2 Duo E8235 @ 2.80GHz	1953	1476	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1318	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1999	1460	142.95	\$13.99
Intel Core2 Duo E8335 @ 2.66GHz	1836	1537	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1408	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2156	1396	110.61	\$19.50

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8435 @ 3.06GHz	2127	1409	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2287	1345	114.43	\$19.99
Intel Core2 Duo E8600 @ 3.33GHz	2411	1299	104.91	\$22.99
Intel Core2 Duo E8700 @ 3.50GHz	2212	1377	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	746	2112	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2143	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	841	2070	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2066	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	967	1995	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	965	1997	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	1895	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1069	1931	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1339	1772	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1292	1802	64.64	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1301	1794	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1423	1735	35.61	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2012	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1524	1686	6.63	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1450	1724	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	1955	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1458	1717	4.91	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1539	1680	31.31	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1630	1641	42.93	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1746	1575	30.64	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1565	1673	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1763	1566	1.77	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1768	1563	17.86	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1873	1523	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2011	1455	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2187	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1268	1823	5.02	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1672	1618	5.89	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	933	2022	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	834	2074	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	832	2075	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	820	2080	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	936	2020	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	911	2038	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2040	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2029	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1046	1938	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1026	1948	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	992	1980	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1093	1916	109.43	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1110	1902	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1187	1864	74.71	\$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	1144	1890	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	1853	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1223	1843	81.64	\$14.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T6500 @ 2.10GHz	1285	1809	85.78	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1257	1827	32.65	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1365	1760	72.25	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1369	1757	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1009	1961	45.93	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1164	1878	11.65	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1110	1901	5.51	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1194	1861	38.54	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1243	1838	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1275	1816	29.66	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1376	1754	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1418	1736	30.18	\$46.99*
Intel Core2 Duo T7800 @ 2.60GHz	1615	1646	2.66	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1292	1801	1.29	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1480	1707	6.92	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1666	1624	28.74	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1739	1579	24.87	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1820	1546	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1802	1550	6.03	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1492	29.66	\$64.99*
Intel Core2 Duo T9800 @ 2.93GHz	2013	1453	4.75	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2124	1411	5.33	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	869	2053	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	582	2191	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	664	2151	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	713	2127	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2059	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1131	1894	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1610	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	928	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3644	930	2.44	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3466	976	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1883	1513	7.14	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1551	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1779	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1687	1611	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1895	1502	NA	NA
Intel Core2 Extreme X9100 @ 3.06GHz	2047	1439	2.41	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4177	816	4.60	\$909.00*
Intel Core2 Extreme X9750 @ 3.16GHz	4597	734	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	730	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	721	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2962	1119	113.97	\$25.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q6700 @ 2.66GHz	3288	1018	126.52	\$25.99
Intel Core2 Quad Q8200 @ 2.33GHz	2816	1167	122.51	\$22.99
Intel Core2 Quad Q8300 @ 2.50GHz	2991	1110	19.30	\$155.00
Intel Core2 Quad Q8400 @ 2.66GHz	3183	1050	35.57	\$89.50*
Intel Core2 Quad Q9000 @ 2.00GHz	2527	1257	6.50	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3239	1036	8.39	\$385.89*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q9300 @ 2.50GHz	3166	1056	126.70	\$24.99
Intel Core2 Quad Q9400 @ 2.66GHz	3361	1003	112.07	\$29.99
Intel Core2 Quad Q9450 @ 2.66GHz	3771	904	11.25	\$335.25*
Intel Core2 Quad Q9500 @ 2.83GHz	3565	952	104.90	\$33.99
Intel Core2 Quad Q9505 @ 2.83GHz	3589	944	18.89	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3983	853	84.78	\$46.99
Intel Core2 Quad Q9650 @ 3.00GHz	4187	813	50.45	\$82.99
Intel Core2 Quad Q9705 @ 3.16GHz	3947	858	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	303	2461	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2450	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2328	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	466	2275	NA	NA
Intel Core 330 @ 1.60GHz	643	2160	NA	NA
Intel Core 860 @ 2.80GHz	4555	746	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2124	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2129	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	2119	NA	NA
Intel Core Duo T2050 @ 1.60GHz	698	2137	NA	NA
Intel Core Duo T2250 @ 1.73GHz	758	2107	NA	NA
Intel Core Duo T2300 @ 1.66GHz	732	2117	NA	NA
Intel Core Duo T2350 @ 1.86GHz	760	2104	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2090	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	826	2077	NA	NA
Intel Core Duo T2500 @ 2.00GHz	871	2052	7.27	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	942	2014	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	1953	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2210	NA	NA
Intel Core Duo U2500 @ 1.20GHz	517	2228	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1488	NA	NA
Intel Core i3-330M @ 2.13GHz	1792	1556	36.90	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1074	1928	NA	NA
Intel Core i3-350M @ 2.27GHz	1894	1503	48.01	\$39.47
Intel Core i3-370M @ 2.40GHz	2020	1450	50.57	\$39.96
Intel Core i3-380M @ 2.53GHz	2097	1422	42.80	\$49.00*
Intel Core i3-380UM @ 1.33GHz	1169	1875	NA	NA
Intel Core i3-390M @ 2.67GHz	2176	1391	55.88	\$38.95*
Intel Core i3-530 @ 2.93GHz	2579	1243	112.14	\$23.00
Intel Core i3-540 @ 3.07GHz	2690	1209	107.62	\$25.00
Intel Core i3-550 @ 3.20GHz	2829	1160	47.17	\$59.99
Intel Core i3-560 @ 3.33GHz	2970	1116	16.51	\$179.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2100 @ 3.10GHz	3678	924	64.55	\$56.99
Intel Core i3-2100T @ 2.50GHz	2912	1132	24.27	\$119.99
Intel Core i3-2102 @ 3.10GHz	3817	890	NA	NA
Intel Core i3-2105 @ 3.10GHz	3719	915	31.52	\$118.00*
Intel Core i3-2120 @ 3.30GHz	3916	867	68.72	\$56.99
Intel Core i3-2120T @ 2.60GHz	3146	1067	27.84	\$113.00
Intel Core i3-2125 @ 3.30GHz	4011	845	23.74	\$169.00
Intel Core i3-2130 @ 3.40GHz	4058	833	34.11	\$118.99
Intel Core i3-2140 @ 3.50GHz	4325	790	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2310E @ 2.10GHz	2839	1156	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2425	1292	53.91	\$44.99
Intel Core i3-2312M @ 2.10GHz	2381	1309	NA	NA
Intel Core i3-2328M @ 2.20GHz	2533	1255	NA	NA
Intel Core i3-2330E @ 2.20GHz	3073	1082	NA	NA
Intel Core i3-2330M @ 2.20GHz	2523	1260	50.53	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1308	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1588	NA	NA
Intel Core i3-2348M @ 2.30GHz	2617	1227	NA	NA
Intel Core i3-2350M @ 2.30GHz	2617	1226	62.38	\$41.97*
Intel Core i3-2357M @ 1.30GHz	1589	1661	NA	NA
Intel Core i3-2365M @ 1.40GHz	1675	1616	NA	NA
Intel Core i3-2367M @ 1.40GHz	1703	1599	NA	NA
Intel Core i3-2370M @ 2.40GHz	2767	1184	46.90	\$59.00*
Intel Core i3-2375M @ 1.50GHz	1782	1559	NA	NA
Intel Core i3-2377M @ 1.50GHz	1829	1539	NA	NA
Intel Core i3-3110M @ 2.40GHz	3071	1084	38.42	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3216	1040	20.10	\$160.00*
Intel Core i3-3130M @ 2.60GHz	3374	999	NA	NA
Intel Core i3-3210 @ 3.20GHz	4029	839	36.64	\$110.00
Intel Core i3-3217U @ 1.80GHz	2300	1337	6.63	\$347.12*
Intel Core i3-3217UE @ 1.60GHz	2162	1394	NA	NA
Intel Core i3-3220 @ 3.30GHz	4228	803	65.57	\$64.49
Intel Core i3-3220T @ 2.80GHz	3688	923	22.28	\$165.50
Intel Core i3-3225 @ 3.30GHz	4336	787	16.46	\$263.50
Intel Core i3-3227U @ 1.90GHz	2463	1281	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1694	1607	NA	NA
Intel Core i3-3240 @ 3.40GHz	4309	793	63.39	\$67.99
Intel Core i3-3240T @ 2.90GHz	3653	929	NA	NA
Intel Core i3-3245 @ 3.40GHz	4418	766	36.22	\$122.00
Intel Core i3-3250 @ 3.50GHz	4438	763	10.02	\$443.10*
Intel Core i3-3250T @ 3.00GHz	3021	1100	NA	NA
Intel Core i3-4000M @ 2.40GHz	3234	1037	16.18	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2449	1284	NA	NA
Intel Core i3-4010U @ 1.70GHz	2442	1286	19.65	\$124.31
Intel Core i3-4010Y @ 1.30GHz	1890	1507	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2188	1387	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4020Y @ 1.50GHz	2199	1383	NA	NA
Intel Core i3-4025U @ 1.90GHz	2774	1178	NA	NA
Intel Core i3-4030U @ 1.90GHz	2709	1204	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1268	NA	NA
Intel Core i3-4100M @ 2.50GHz	3479	970	15.92	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	875	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1139	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1093	NA	NA
Intel Core i3-4130 @ 3.40GHz	4793	701	26.20	\$183.00
Intel Core i3-4130T @ 2.90GHz	4126	827	46.37	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4894	681	39.16	\$124.99
Intel Core i3-4150T @ 3.00GHz	4219	806	18.35	\$229.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4158U @ 2.00GHz	2914	1130	NA	NA
Intel Core i3-4160 @ 3.60GHz	5050	653	37.03	\$136.37
Intel Core i3-4160T @ 3.10GHz	4382	775	30.86	\$141.99*
Intel Core i3-4170 @ 3.70GHz	5183	633	37.29	\$139.00
Intel Core i3-4170T @ 3.20GHz	4578	738	30.53	\$149.95
Intel Core i3-4330 @ 3.50GHz	5086	646	14.97	\$339.89
Intel Core i3-4330T @ 3.00GHz	4482	758	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3161	1060	NA	NA
Intel Core i3-4340 @ 3.60GHz	5240	627	28.32	\$185.06
Intel Core i3-4350 @ 3.60GHz	4963	669	38.19	\$129.99*
Intel Core i3-4350T @ 3.10GHz	4302	795	NA	NA
Intel Core i3-4360 @ 3.70GHz	5465	598	15.53	\$352.00*
Intel Core i3-4360T @ 3.20GHz	4636	725	NA	NA
Intel Core i3-4370 @ 3.80GHz	5597	579	5.66	\$989.89*
Intel Core i3-4370T @ 3.30GHz	4832	692	35.02	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	677	NA	NA
Intel Core i3-5005U @ 2.00GHz	2910	1133	NA	NA
Intel Core i3-5010U @ 2.10GHz	3064	1089	9.40	\$326.01*
Intel Core i3-5015U @ 2.10GHz	3017	1101	NA	NA
Intel Core i3-5020U @ 2.20GHz	3182	1051	6.93	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	927	NA	NA
Intel Core i3-6006U @ 2.00GHz	3162	1059	NA	NA
Intel Core i3-6098P @ 3.60GHz	5535	588	41.39	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5493	593	47.92	\$114.64
Intel Core i3-6100E @ 2.70GHz	3769	905	NA	NA
Intel Core i3-6100H @ 2.70GHz	4192	812	NA	NA
Intel Core i3-6100T @ 3.20GHz	4838	688	40.43	\$119.68
Intel Core i3-6100TE @ 2.70GHz	4317	792	NA	NA
Intel Core i3-6100U @ 2.30GHz	3567	951	6.93	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3830	884	NA	NA
Intel Core i3-6300 @ 3.80GHz	5853	548	41.59	\$140.74
Intel Core i3-6300T @ 3.30GHz	5236	629	32.00	\$163.63
Intel Core i3-6320 @ 3.90GHz	6043	530	36.46	\$165.76
Intel Core i3-7100 @ 3.90GHz	5824	553	51.10	\$113.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7100H @ 3.00GHz	4747	707	21.10	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5054	652	NA	NA
Intel Core i3-7100U @ 2.40GHz	3780	902	NA	NA
Intel Core i3-7101TE @ 3.40GHz	5016	660	42.88	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4152	822	14.78	\$281.00*
Intel Core i3-7300 @ 4.00GHz	6437	493	40.24	\$159.99
Intel Core i3-7300T @ 3.50GHz	5366	613	NA	NA
Intel Core i3-7320 @ 4.10GHz	6543	482	38.39	\$170.43
Intel Core i3-7350K @ 4.20GHz	6628	476	41.43	\$159.99
Intel Core i3-8100 @ 3.60GHz	8086	355	71.79	\$112.65
Intel Core i3-8350K @ 4.00GHz	9184	275	51.28	\$179.11
Intel Core i5 750S @ 2.40GHz	2197	1384	8.72	\$252.01
Intel Core i5 E 520 @ 2.40GHz	2486	1275	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3602	936	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3777	903	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-430M @ 2.27GHz	2100	1421	19.10	\$109.99*
Intel Core i5-430UM @ 1.20GHz	1339	1773	NA	NA
Intel Core i5-450M @ 2.40GHz	2109	1418	66.04	\$31.95*
Intel Core i5-460M @ 2.53GHz	2335	1322	31.16	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1273	1819	NA	NA
Intel Core i5-480M @ 2.67GHz	2415	1297	29.97	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1368	NA	NA
Intel Core i5-520M @ 2.40GHz	2374	1311	39.59	\$59.99
Intel Core i5-520UM @ 1.07GHz	1356	1766	NA	NA
Intel Core i5-540M @ 2.53GHz	2449	1283	12.90	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1400	1742	NA	NA
Intel Core i5-560M @ 2.67GHz	2591	1236	28.80	\$89.97
Intel Core i5-560UM @ 1.33GHz	1664	1625	NA	NA
Intel Core i5-580M @ 2.67GHz	2624	1223	23.87	\$109.95*
Intel Core i5-650 @ 3.20GHz	3109	1074	44.42	\$70.00
Intel Core i5-655K @ 3.20GHz	3399	993	NA	NA
Intel Core i5-660 @ 3.33GHz	3256	1030	22.31	\$145.95*
Intel Core i5-661 @ 3.33GHz	3187	1048	12.65	\$252.01
Intel Core i5-670 @ 3.47GHz	3312	1014	20.08	\$165.00
Intel Core i5-680 @ 3.60GHz	3506	963	12.89	\$272.01
Intel Core i5-750 @ 2.67GHz	3704	918	15.80	\$234.50
Intel Core i5-760 @ 2.80GHz	3897	873	17.17	\$227.00
Intel Core i5-2300 @ 2.80GHz	5347	618	53.48	\$99.99
Intel Core i5-2310 @ 2.90GHz	5522	590	31.56	\$175.00
Intel Core i5-2320 @ 3.00GHz	5753	561	37.39	\$153.88
Intel Core i5-2380P @ 3.10GHz	5664	569	31.47	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4266	797	42.71	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5935	538	67.45	\$88.00
Intel Core i5-2400S @ 2.50GHz	4940	673	72.66	\$68.00
Intel Core i5-2405S @ 2.50GHz	5029	656	30.59	\$164.40*
Intel Core i5-2410M @ 2.30GHz	3165	1057	28.79	\$109.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2415M @ 2.30GHz	3294	1017	NA	NA
Intel Core i5-2430M @ 2.40GHz	3279	1020	21.86	\$150.00
Intel Core i5-2435M @ 2.40GHz	3261	1027	NA	NA
Intel Core i5-2450M @ 2.50GHz	3400	991	26.16	\$130.00*
Intel Core i5-2450P @ 3.20GHz	6132	521	31.45	\$195.00*
Intel Core i5-2467M @ 1.60GHz	2334	1324	NA	NA
Intel Core i5-2500 @ 3.30GHz	6314	504	45.10	\$140.00
Intel Core i5-2500K @ 3.30GHz	6469	489	13.21	\$489.95
Intel Core i5-2500S @ 2.70GHz	5310	623	39.13	\$135.70
Intel Core i5-2500T @ 2.30GHz	4680	716	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	925	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1013	NA	NA
Intel Core i5-2520M @ 2.50GHz	3583	946	21.13	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2084	1428	NA	NA
Intel Core i5-2540M @ 2.60GHz	3781	901	54.05	\$69.95
Intel Core i5-2550K @ 3.40GHz	6702	466	35.47	\$189.00
Intel Core i5-2557M @ 1.70GHz	2651	1217	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	910	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3210M @ 2.50GHz	3817	889	18.62	\$205.00*
Intel Core i5-3230M @ 2.60GHz	3934	864	15.76	\$249.65
Intel Core i5-3317U @ 1.70GHz	3090	1079	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4101	829	33.42	\$122.74*
Intel Core i5-3330 @ 3.00GHz	5917	541	16.44	\$359.95
Intel Core i5-3330S @ 2.70GHz	5658	570	25.20	\$224.59*
Intel Core i5-3335S @ 2.70GHz	5768	557	NA	NA
Intel Core i5-3337U @ 1.80GHz	3213	1042	14.28	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2228	1373	NA	NA
Intel Core i5-3340 @ 3.10GHz	6076	528	23.19	\$262.01
Intel Core i5-3340M @ 2.70GHz	4230	802	52.92	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5794	554	18.11	\$320.00
Intel Core i5-3350P @ 3.10GHz	6136	518	21.16	\$290.00
Intel Core i5-3360M @ 2.80GHz	4429	765	45.17	\$98.08*
Intel Core i5-3380M @ 2.90GHz	4417	768	NA	NA
Intel Core i5-3427U @ 1.80GHz	3544	955	8.44	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3621	932	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2890	1144	NA	NA
Intel Core i5-3450 @ 3.10GHz	6505	487	32.69	\$199.00
Intel Core i5-3450S @ 2.80GHz	6177	513	41.18	\$150.00
Intel Core i5-3470 @ 3.20GHz	6665	470	51.07	\$130.53
Intel Core i5-3470S @ 2.90GHz	6308	505	44.14	\$142.94
Intel Core i5-3470T @ 2.90GHz	4516	752	20.02	\$225.57*
Intel Core i5-3475S @ 2.90GHz	6508	486	75.77	\$85.90*
Intel Core i5-3550 @ 3.30GHz	6910	453	26.04	\$265.40
Intel Core i5-3550S @ 3.00GHz	6845	457	27.33	\$250.51*
Intel Core i5-3570 @ 3.40GHz	7075	439	33.06	\$214.01
Intel Core i5-3570K @ 3.40GHz	7163	431	26.05	\$275.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3570S @ 3.10GHz	6674	469	23.42	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5877	545	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3786	898	NA	NA
Intel Core i5-4200H @ 2.80GHz	4440	762	NA	NA
Intel Core i5-4200M @ 2.50GHz	4040	837	22.45	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3281	1019	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1301	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2261	1361	NA	NA
Intel Core i5-4210H @ 2.90GHz	4544	748	NA	NA
Intel Core i5-4210M @ 2.60GHz	4200	809	13.55	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3399	992	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2365	1315	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1360	NA	NA
Intel Core i5-4250U @ 1.30GHz	3450	978	9.58	\$359.99
Intel Core i5-4258U @ 2.40GHz	4093	830	NA	NA
Intel Core i5-4260U @ 1.40GHz	3584	945	NA	NA
Intel Core i5-4278U @ 2.60GHz	4346	784	NA	NA
Intel Core i5-4288U @ 2.60GHz	4367	779	NA	NA
Intel Core i5-4300M @ 2.60GHz	4402	770	NA	NA
Intel Core i5-4300U @ 1.90GHz	3743	912	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2514	1265	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4302Y @ 1.60GHz	2973	1114	NA	NA
Intel Core i5-4308U @ 2.80GHz	4084	831	NA	NA
Intel Core i5-4310M @ 2.70GHz	4591	736	NA	NA
Intel Core i5-4310U @ 2.00GHz	3703	921	NA	NA
Intel Core i5-4330M @ 2.80GHz	4564	742	16.60	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4810	698	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	935	NA	NA
Intel Core i5-4400E @ 2.70GHz	1271	1821	NA	NA
Intel Core i5-4402E @ 1.60GHz	3947	859	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1171	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6296	506	32.13	\$195.95*
Intel Core i5-4430S @ 2.70GHz	5884	544	39.76	\$147.99*
Intel Core i5-4440 @ 3.10GHz	6481	488	8.21	\$789.89*
Intel Core i5-4440S @ 2.80GHz	6169	515	19.90	\$309.99*
Intel Core i5-4460 @ 3.20GHz	6695	467	35.24	\$189.99
Intel Core i5-4460S @ 2.90GHz	6395	501	9.69	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4937	676	NA	NA
Intel Core i5-4570 @ 3.20GHz	7094	437	29.25	\$242.52
Intel Core i5-4570R @ 2.70GHz	6689	468	NA	NA
Intel Core i5-4570S @ 2.90GHz	6767	461	16.51	\$409.95
Intel Core i5-4570T @ 2.90GHz	4814	696	13.93	\$345.50*
Intel Core i5-4570TE @ 2.70GHz	4008	849	14.93	\$268.42*
Intel Core i5-4590 @ 3.30GHz	7271	424	28.52	\$254.99
Intel Core i5-4590S @ 3.00GHz	6985	445	20.25	\$345.00
Intel Core i5-4590T @ 2.00GHz	5584	582	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4670 @ 3.40GHz	7418	410	27.24	\$272.29
Intel Core i5-4670K @ 3.40GHz	7625	394	31.77	\$240.00
Intel Core i5-4670K CPT @ 3.40GHz	7411	412	NA	NA
Intel Core i5-4670S @ 3.10GHz	6436	494	NA	NA
Intel Core i5-4670T @ 2.30GHz	6234	507	29.69	\$209.99
Intel Core i5-4690 @ 3.50GHz	7628	393	23.40	\$325.98
Intel Core i5-4690K @ 3.50GHz	7786	380	26.41	\$294.79
Intel Core i5-4690S @ 3.20GHz	7421	408	27.10	\$273.83*
Intel Core i5-4690T @ 2.50GHz	6429	497	NA	NA
Intel Core i5-5200U @ 2.20GHz	3493	965	NA	NA
Intel Core i5-5250U @ 1.60GHz	3595	938	8.14	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4408	769	NA	NA
Intel Core i5-5287U @ 2.90GHz	4681	715	NA	NA
Intel Core i5-5300U @ 2.30GHz	3787	897	7.65	\$495.14*
Intel Core i5-5350U @ 1.80GHz	3316	1011	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	407	NA	NA
Intel Core i5-5675C @ 3.10GHz	8182	347	15.98	\$512.08*
Intel Core i5-5675R @ 3.10GHz	8061	356	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4170	818	NA	NA
Intel Core i5-6200U @ 2.30GHz	4012	844	NA	NA
Intel Core i5-6260U @ 1.80GHz	4370	776	8.42	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4950	671	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	706	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6074	529	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6300U @ 2.40GHz	4370	777	NA	NA
Intel Core i5-6360U @ 2.00GHz	4836	689	NA	NA
Intel Core i5-6400 @ 2.70GHz	6755	464	37.38	\$180.74
Intel Core i5-6400T @ 2.20GHz	5600	578	33.14	\$169.00
Intel Core i5-6402P @ 2.80GHz	7396	414	38.93	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	555	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6771	460	NA	NA
Intel Core i5-6500 @ 3.20GHz	7230	426	40.39	\$179.00
Intel Core i5-6500T @ 2.50GHz	6215	509	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6585	479	NA	NA
Intel Core i5-6600 @ 3.30GHz	7759	383	33.41	\$232.25
Intel Core i5-6600K @ 3.50GHz	8043	360	35.12	\$229.00
Intel Core i5-6600T @ 2.70GHz	7302	422	38.43	\$190.00
Intel Core i5-7200U @ 2.50GHz	4661	719	NA	NA
Intel Core i5-7260U @ 2.20GHz	5728	565	NA	NA
Intel Core i5-7267U @ 3.10GHz	5060	650	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6847	456	NA	NA
Intel Core i5-7300U @ 2.60GHz	5117	640	NA	NA
Intel Core i5-7360U @ 2.30GHz	5960	535	NA	NA
Intel Core i5-7400 @ 3.00GHz	7406	413	45.16	\$164.00
Intel Core i5-7400T @ 2.40GHz	6574	481	41.35	\$159.00
Intel Core i5-7440HQ @ 2.80GHz	8008	364	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	8089	354	41.48	\$194.99
Intel Core i5-7500T @ 2.70GHz	7165	430	31.57	\$226.95
Intel Core i5-7600 @ 3.50GHz	8884	303	40.38	\$219.99
Intel Core i5-7600K @ 3.80GHz	9159	280	41.63	\$219.99
Intel Core i5-7600T @ 2.80GHz	8163	349	32.51	\$251.11
Intel Core i5-7640X @ 4.00GHz	9222	271	40.27	\$229.00
Intel Core i5-8250U @ 1.60GHz	7645	392	NA	NA
Intel Core i5-8350U @ 1.70GHz	8674	319	29.21	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11784	150	58.92	\$199.99*
Intel Core i5-8600K @ 3.60GHz	12788	131	54.43	\$234.96
Intel Core i5-24050S @ 2.50GHz	4928	678	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3853	877	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1471	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1251	NA	NA
Intel Core i7-620LM @ 2.00GHz	1952	1478	NA	NA
Intel Core i7-620M @ 2.67GHz	2732	1198	24.84	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	1783	NA	NA
Intel Core i7-640LM @ 2.13GHz	2245	1367	NA	NA
Intel Core i7-640M @ 2.80GHz	2848	1154	17.81	\$159.95
Intel Core i7-640UM @ 1.20GHz	1672	1619	NA	NA
Intel Core i7-660UM @ 1.33GHz	1821	1543	NA	NA
Intel Core i7-680UM @ 1.47GHz	1686	1612	NA	NA
Intel Core i7-720QM @ 1.60GHz	3022	1099	27.49	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3200	1045	29.10	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3252	1032	23.40	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3408	988	11.75	\$289.97
Intel Core i7-860 @ 2.80GHz	5028	658	25.63	\$196.22
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-860S @ 2.53GHz	4711	710	11.16	\$422.01
Intel Core i7-870 @ 2.93GHz	5371	611	18.19	\$295.40
Intel Core i7-870S @ 2.67GHz	4969	668	NA	NA
Intel Core i7-875K @ 2.93GHz	5451	602	11.22	\$486.01
Intel Core i7-880 @ 3.07GHz	5679	567	9.74	\$583.00*
Intel Core i7-920 @ 2.67GHz	4940	674	13.73	\$359.95
Intel Core i7-920XM @ 2.00GHz	3782	900	22.85	\$165.55*
Intel Core i7-930 @ 2.80GHz	5156	634	10.13	\$508.95
Intel Core i7-940 @ 2.93GHz	5387	610	18.02	\$299.00
Intel Core i7-940XM @ 2.13GHz	3943	862	NA	NA
Intel Core i7-950 @ 3.07GHz	5578	584	26.57	\$209.99
Intel Core i7-960 @ 3.20GHz	5846	550	19.82	\$295.00
Intel Core i7-965 @ 3.20GHz	5871	546	16.36	\$359.00
Intel Core i7-970 @ 3.20GHz	8415	333	15.30	\$550.00
Intel Core i7-975 @ 3.33GHz	6135	519	13.14	\$467.00
Intel Core i7-980 @ 3.33GHz	8721	314	12.46	\$699.99
Intel Core i7-980X @ 3.33GHz	8828	308	11.04	\$799.99
Intel Core i7-985 @ 3.47GHz	6641	474	NA	NA
Intel Core i7-990X @ 3.47GHz	9117	283	7.60	\$1,199.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-995X @ 3.60GHz	9791	229	NA	NA
Intel Core i7-2600 @ 3.40GHz	8207	344	60.80	\$135.00
Intel Core i7-2600K @ 3.40GHz	8459	331	19.36	\$437.00
Intel Core i7-2600S @ 2.80GHz	7073	440	20.33	\$348.00
Intel Core i7-2610UE @ 1.50GHz	2481	1276	NA	NA
Intel Core i7-2617M @ 1.50GHz	2818	1166	NA	NA
Intel Core i7-2620M @ 2.70GHz	3834	882	21.39	\$179.21*
Intel Core i7-2630QM @ 2.00GHz	5541	586	42.96	\$129.00*
Intel Core i7-2630UM @ 1.60GHz	2584	1238	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5460	599	NA	NA
Intel Core i7-2637M @ 1.70GHz	2904	1137	NA	NA
Intel Core i7-2640M @ 2.80GHz	3926	865	21.11	\$185.97*
Intel Core i7-2655LE @ 2.20GHz	3161	1062	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5911	543	42.53	\$139.00
Intel Core i7-2675QM @ 2.20GHz	5536	587	NA	NA
Intel Core i7-2677M @ 1.80GHz	2829	1161	NA	NA
Intel Core i7-2700K @ 3.50GHz	8731	313	28.26	\$309.00
Intel Core i7-2710QE @ 2.10GHz	5768	558	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	614	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6119	523	36.00	\$169.97
Intel Core i7-2760QM @ 2.40GHz	6580	480	47.02	\$139.95
Intel Core i7-2820QM @ 2.30GHz	6629	475	18.42	\$359.95*
Intel Core i7-2840QM @ 2.40GHz	6766	462	NA	NA
Intel Core i7-2860QM @ 2.50GHz	7003	444	11.67	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7101	436	11.66	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7193	428	17.55	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3590	942	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3323	1009	NA	NA
Intel Core i7-3520M @ 2.90GHz	4528	750	19.27	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3843	878	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3540M @ 3.00GHz	4637	723	10.79	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	4130	825	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	490	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7472	405	18.68	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6428	498	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6822	459	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	418	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7365	416	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7593	397	31.77	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6933	451	20.70	\$335.00
Intel Core i7-3635QM @ 2.40GHz	6646	473	NA	NA
Intel Core i7-3667U @ 2.00GHz	3994	851	NA	NA
Intel Core i7-3687U @ 2.10GHz	4183	814	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3269	1023	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8116	352	24.25	\$334.72*
Intel Core i7-3740QM @ 2.70GHz	8338	337	41.70	\$199.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3770 @ 3.40GHz	9304	268	29.13	\$319.43
Intel Core i7-3770K @ 3.50GHz	9532	247	27.28	\$349.49
Intel Core i7-3770S @ 3.10GHz	8882	304	41.53	\$213.90
Intel Core i7-3770T @ 2.50GHz	8190	346	24.82	\$329.99*
Intel Core i7-3820 @ 3.60GHz	9001	294	29.04	\$309.99
Intel Core i7-3820QM @ 2.70GHz	8448	332	17.35	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8791	310	26.24	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	9146	282	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	12018	147	19.87	\$604.95
Intel Core i7-3940XM @ 3.00GHz	9312	267	17.28	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12638	136	7.66	\$1,650.00
Intel Core i7-3970X @ 3.50GHz	12643	135	24.79	\$509.99*
Intel Core i7-4500U @ 1.80GHz	3790	895	NA	NA
Intel Core i7-4510U @ 2.00GHz	3936	863	NA	NA
Intel Core i7-4550U @ 1.50GHz	3759	908	NA	NA
Intel Core i7-4558U @ 2.80GHz	4361	781	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	788	NA	NA
Intel Core i7-4578U @ 3.00GHz	4745	708	NA	NA
Intel Core i7-4600M @ 2.90GHz	4834	690	NA	NA
Intel Core i7-4600U @ 2.10GHz	4108	828	NA	NA
Intel Core i7-4610M @ 3.00GHz	4946	672	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3738	913	NA	NA
Intel Core i7-4650U @ 1.70GHz	3999	850	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7229	427	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7749	385	20.23	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7696	388	40.72	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7494	403	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7137	434	NA	NA
Intel Core i7-4710HQ @ 2.50GHz	7750	384	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7983	365	29.40	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7527	400	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7159	432	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8018	362	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4722HQ @ 2.40GHz	8052	358	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8288	339	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8481	329	NA	NA
Intel Core i7-4765T @ 2.00GHz	7302	421	27.05	\$269.99*
Intel Core i7-4770 @ 3.40GHz	9796	228	26.23	\$373.50
Intel Core i7-4770HQ @ 2.20GHz	8967	297	NA	NA
Intel Core i7-4770K @ 3.50GHz	10107	207	21.06	\$479.99
Intel Core i7-4770R @ 3.20GHz	9827	227	NA	NA
Intel Core i7-4770S @ 3.10GHz	9340	262	25.63	\$364.44
Intel Core i7-4770T @ 2.50GHz	8667	321	28.05	\$308.99*
Intel Core i7-4770TE @ 2.30GHz	7065	441	NA	NA
Intel Core i7-4771 @ 3.50GHz	9879	223	24.04	\$411.00*
Intel Core i7-4785T @ 2.20GHz	7620	396	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4790 @ 3.60GHz	9998	216	27.57	\$362.64
Intel Core i7-4790K @ 4.00GHz	11189	159	28.47	\$393.00
Intel Core i7-4790S @ 3.20GHz	9573	244	25.59	\$374.11
Intel Core i7-4790T @ 2.70GHz	9059	288	25.24	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8494	327	18.47	\$459.95*
Intel Core i7-4810MQ @ 2.80GHz	8650	322	20.36	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9729	236	24.39	\$398.88*
Intel Core i7-4850HQ @ 2.30GHz	9025	291	20.80	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7925	370	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9220	272	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9331	264	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9061	287	14.87	\$609.29*
Intel Core i7-4910MQ @ 2.90GHz	9456	256	20.56	\$459.95
Intel Core i7-4930K @ 3.40GHz	13041	124	18.63	\$699.97
Intel Core i7-4930MX @ 3.00GHz	9514	248	8.68	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9900	221	15.00	\$659.95*
Intel Core i7-4960HQ @ 2.60GHz	9785	231	15.71	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13833	110	7.94	\$1,741.73
Intel Core i7-4980HQ @ 2.80GHz	10185	199	NA	NA
Intel Core i7-5500U @ 2.40GHz	3969	857	NA	NA
Intel Core i7-5550U @ 2.00GHz	4254	799	NA	NA
Intel Core i7-5557U @ 3.10GHz	4953	670	7.03	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4302	794	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	804	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	348	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	341	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8384	335	NA	NA
Intel Core i7-5775C @ 3.30GHz	11013	168	25.01	\$440.44*
Intel Core i7-5775R @ 3.30GHz	10821	171	NA	NA
Intel Core i7-5820K @ 3.30GHz	13000	126	28.27	\$459.89
Intel Core i7-5850HQ @ 2.70GHz	9459	255	NA	NA
Intel Core i7-5930K @ 3.50GHz	13644	115	22.26	\$613.07
Intel Core i7-5950HQ @ 2.90GHz	10949	170	NA	NA
Intel Core i7-5960X @ 3.00GHz	15987	74	17.77	\$899.95
Intel Core i7-6498DU @ 2.50GHz	4562	743	NA	NA
Intel Core i7-6500U @ 2.50GHz	4432	764	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6560U @ 2.20GHz	4803	700	NA	NA
Intel Core i7-6567U @ 3.30GHz	5619	574	NA	NA
Intel Core i7-6600U @ 2.60GHz	4808	699	NA	NA
Intel Core i7-6650U @ 2.20GHz	4938	675	NA	NA
Intel Core i7-6700 @ 3.40GHz	10037	213	31.88	\$314.89
Intel Core i7-6700HQ @ 2.60GHz	8145	350	5.40	\$1,509.00*
Intel Core i7-6700K @ 4.00GHz	11112	161	25.20	\$440.99
Intel Core i7-6700T @ 2.80GHz	9037	289	26.66	\$339.00*
Intel Core i7-6700TE @ 2.40GHz	9029	290	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9714	238	9.70	\$1,001.88*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6800K @ 3.40GHz	13612	117	34.04	\$399.94
Intel Core i7-6820EQ @ 2.80GHz	8968	296	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9152	281	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8785	312	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	499	NA	NA
Intel Core i7-6850K @ 3.60GHz	14385	99	32.04	\$449.00
Intel Core i7-6900K @ 3.20GHz	17690	49	17.43	\$1,015.00
Intel Core i7-6920HQ @ 2.90GHz	9607	242	NA	NA
Intel Core i7-6950X @ 3.00GHz	19997	26	13.05	\$1,531.99
Intel Core i7-7500U @ 2.70GHz	5216	630	NA	NA
Intel Core i7-7560U @ 2.40GHz	5916	542	NA	NA
Intel Core i7-7567U @ 3.50GHz	6536	483	NA	NA
Intel Core i7-7600U @ 2.80GHz	5583	583	NA	NA
Intel Core i7-7660U @ 2.50GHz	6165	516	NA	NA
Intel Core i7-7700 @ 3.60GHz	10792	172	35.39	\$304.99
Intel Core i7-7700HQ @ 2.80GHz	8880	305	NA	NA
Intel Core i7-7700K @ 4.20GHz	12075	146	38.96	\$309.99
Intel Core i7-7700T @ 2.90GHz	9189	274	26.31	\$349.30
Intel Core i7-7740X @ 4.30GHz	12227	143	34.79	\$351.41
Intel Core i7-7800X @ 3.50GHz	14565	94	39.95	\$364.62
Intel Core i7-7820HK @ 2.90GHz	10075	209	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9463	254	NA	NA
Intel Core i7-7820X @ 3.60GHz	18668	37	40.00	\$466.72
Intel Core i7-7900X @ 3.30GHz	18539	39	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	10150	202	NA	NA
Intel Core i7-8550U @ 1.80GHz	8218	343	NA	NA
Intel Core i7-8650U @ 1.90GHz	9177	277	NA	NA
Intel Core i7-8700 @ 3.20GHz	15295	83	40.85	\$374.45*
Intel Core i7-8700K @ 3.70GHz	16119	71	47.55	\$338.99
Intel Core i7-8705G @ 3.10GHz	9339	263	NA	NA
Intel Core i7-8809G @ 3.10GHz	10175	200	NA	NA
Intel Core i9-7900X @ 3.30GHz	22169	13	23.72	\$934.64
Intel Core i9-7920X @ 2.90GHz	23286	9	21.14	\$1,101.36
Intel Core i9-7940X @ 3.10GHz	25072	7	18.31	\$1,369.49
Intel Core i9-7960X @ 2.80GHz	25515	5	16.30	\$1,564.99
Intel Core i9-7980XE @ 2.60GHz	27736	3	14.61	\$1,898.90
Intel Core m3-6Y30 @ 0.90GHz	3051	1092	NA	NA
Intel Core m3-7Y30 @ 1.00GHz	3574	949	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3527	960	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core m5-6Y54 @ 1.10GHz	3348	1004	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3224	1038	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3517	961	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2749	1192	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2150	1398	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2820	1164	10.04	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2763	1186	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core M-5Y51 @ 1.10GHz	2527	1258	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1102	NA	NA
Intel Core M-5Y71 @ 1.20GHz	3056	1091	10.88	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	395	2357	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2354	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2272	NA	NA
Intel Core Solo U1300 @ 1.06GHz	276	2511	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2509	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2429	NA	NA
Intel E3000 @ 3.40GHz	2767	1183	NA	NA
Intel Pentium 4 1.40GHz	164	2616	NA	NA
Intel Pentium 4 1.50GHz	131	2632	NA	NA
Intel Pentium 4 1.60GHz	129	2634	NA	NA
Intel Pentium 4 1.70GHz	133	2631	NA	NA
Intel Pentium 4 1.80GHz	161	2619	NA	NA
Intel Pentium 4 1.90GHz	159	2620	NA	NA
Intel Pentium 4 2.00GHz	189	2597	NA	NA
Intel Pentium 4 2.20GHz	210	2580	NA	NA
Intel Pentium 4 2.26GHz	221	2570	NA	NA
Intel Pentium 4 2.40GHz	228	2563	NA	NA
Intel Pentium 4 2.50GHz	245	2547	NA	NA
Intel Pentium 4 2.53GHz	248	2544	NA	NA
Intel Pentium 4 2.60GHz	288	2486	NA	NA
Intel Pentium 4 2.66GHz	254	2534	NA	NA
Intel Pentium 4 2.80GHz	322	2435	NA	NA
Intel Pentium 4 2.93GHz	297	2473	NA	NA
Intel Pentium 4 3.00GHz	353	2407	NA	NA
Intel Pentium 4 3.06GHz	347	2412	NA	NA
Intel Pentium 4 3.20GHz	375	2377	NA	NA
Intel Pentium 4 3.40GHz	396	2356	NA	NA
Intel Pentium 4 3.46GHz	487	2252	NA	NA
Intel Pentium 4 3.60GHz	490	2249	NA	NA
Intel Pentium 4 3.73GHz	486	2254	NA	NA
Intel Pentium 4 3.80GHz	485	2259	NA	NA
Intel Pentium 4 4.00GHz	184	2602	NA	NA
Intel Pentium 4 1300MHz	119	2638	NA	NA
Intel Pentium 4 1400MHz	127	2635	NA	NA
Intel Pentium 4 1500MHz	125	2636	NA	NA
Intel Pentium 4 1600MHz	193	2596	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2623	NA	NA
Intel Pentium 4 1800MHz	162	2618	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2626	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 Mobile 1.50GHz	197	2592	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2608	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2582	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2611	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 Mobile 1.90GHz	209	2581	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2588	NA	NA
Intel Pentium 5 2.66GHz	705	2134	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	1913	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1153	1884	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	1886	NA	NA
Intel Pentium 987 @ 1.50GHz	1219	1847	NA	NA
Intel Pentium 997 @ 1.60GHz	1460	1715	NA	NA
Intel Pentium 1403 @ 2.60GHz	2747	1193	NA	NA
Intel Pentium 2020M @ 2.40GHz	2291	1343	17.10	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2420	1295	18.07	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1659	1627	12.38	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1826	1540	13.63	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1044	1940	7.80	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2305	1332	NA	NA
Intel Pentium 3556U @ 1.70GHz	1712	1591	NA	NA
Intel Pentium 3558U @ 1.70GHz	1696	1605	NA	NA
Intel Pentium 3560M @ 2.40GHz	2275	1352	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1824	NA	NA
Intel Pentium 3805U @ 1.90GHz	1988	1466	NA	NA
Intel Pentium 3825U @ 1.90GHz	2539	1253	NA	NA
Intel Pentium 4405U @ 2.10GHz	2969	1117	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1435	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2094	1423	13.01	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3204	1044	NA	NA
Intel Pentium A1018 @ 2.10GHz	1605	1652	NA	NA
Intel Pentium B940 @ 2.00GHz	1724	1586	57.60	\$29.94*
Intel Pentium B950 @ 2.10GHz	1714	1590	NA	NA
Intel Pentium B960 @ 2.20GHz	1853	1527	37.83	\$48.99*
Intel Pentium B970 @ 2.30GHz	1957	1474	38.40	\$50.99*
Intel Pentium B980 @ 2.40GHz	2046	1440	29.25	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3843	879	29.79	\$129.00*
Intel Pentium D 805 @ 2.66GHz	535	2218	NA	NA
Intel Pentium D 830 @ 3.00GHz	643	2163	NA	NA
Intel Pentium D 915 @ 2.80GHz	583	2190	NA	NA
Intel Pentium D 940 @ 3.20GHz	710	2130	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2114	NA	NA
Intel Pentium D 960 @ 3.60GHz	814	2085	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2054	17.42	\$49.90
Intel Pentium E2160 @ 1.80GHz	998	1972	28.53	\$35.00
Intel Pentium E2180 @ 2.00GHz	1088	1921	41.54	\$26.20*
Intel Pentium E2200 @ 2.20GHz	1203	1858	24.11	\$49.90
Intel Pentium E2210 @ 2.20GHz	1174	1870	NA	NA
Intel Pentium E2220 @ 2.40GHz	1332	1778	26.70	\$49.90
Intel Pentium E5200 @ 2.50GHz	1489	1703	29.85	\$49.90
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E5300 @ 2.60GHz	1543	1679	61.85	\$24.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E5400 @ 2.70GHz	1596	1657	32.00	\$49.90
Intel Pentium E5500 @ 2.80GHz	1637	1636	32.82	\$49.90
Intel Pentium E5700 @ 3.00GHz	1744	1576	124.68	\$13.99
Intel Pentium E5800 @ 3.20GHz	1904	1497	43.29	\$44.00
Intel Pentium E6300 @ 2.80GHz	1705	1595	114.05	\$14.95*
Intel Pentium E6500 @ 2.93GHz	1764	1565	35.35	\$49.90
Intel Pentium E6600 @ 3.06GHz	1877	1519	125.99	\$14.90*
Intel Pentium E6700 @ 3.20GHz	1941	1483	38.83	\$50.00
Intel Pentium E6800 @ 3.33GHz	2020	1452	2.43	\$831.38*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2037	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	1993	NA	NA
Intel Pentium G620 @ 2.60GHz	2298	1339	91.96	\$24.99
Intel Pentium G620T @ 2.20GHz	2052	1437	25.66	\$79.99*
Intel Pentium G630 @ 2.70GHz	2369	1312	94.82	\$24.99
Intel Pentium G630T @ 2.30GHz	2122	1412	26.54	\$79.99*
Intel Pentium G640 @ 2.80GHz	2528	1256	101.19	\$24.99
Intel Pentium G640T @ 2.40GHz	1894	1504	NA	NA
Intel Pentium G645 @ 2.90GHz	2587	1237	27.24	\$95.00
Intel Pentium G645T @ 2.50GHz	2281	1349	NA	NA
Intel Pentium G840 @ 2.80GHz	2573	1245	42.90	\$59.99*
Intel Pentium G850 @ 2.90GHz	2667	1214	76.43	\$34.90
Intel Pentium G860 @ 3.00GHz	2751	1191	91.76	\$29.99
Intel Pentium G870 @ 3.10GHz	2832	1159	29.20	\$97.00
Intel Pentium G2010 @ 2.80GHz	2619	1225	72.79	\$35.99
Intel Pentium G2020 @ 2.90GHz	2769	1181	46.19	\$59.95
Intel Pentium G2020T @ 2.50GHz	2467	1280	38.55	\$64.00*
Intel Pentium G2030 @ 3.00GHz	2878	1149	70.22	\$40.99
Intel Pentium G2030T @ 2.60GHz	2490	1273	38.91	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1172	NA	NA
Intel Pentium G2120 @ 3.10GHz	3079	1081	35.41	\$86.99
Intel Pentium G2130 @ 3.20GHz	3213	1043	40.17	\$79.99
Intel Pentium G2140 @ 3.30GHz	3387	995	40.77	\$83.08
Intel Pentium G3220 @ 3.00GHz	3142	1069	30.63	\$102.60*
Intel Pentium G3220T @ 2.60GHz	2611	1229	65.31	\$39.99*
Intel Pentium G3240 @ 3.10GHz	3174	1053	44.78	\$70.88*
Intel Pentium G3240T @ 2.70GHz	2936	1127	NA	NA
Intel Pentium G3250 @ 3.20GHz	3266	1025	34.40	\$94.95*
Intel Pentium G3250T @ 2.80GHz	2970	1115	64.59	\$45.99*
Intel Pentium G3258 @ 3.20GHz	3902	870	13.99	\$278.97
Intel Pentium G3260 @ 3.30GHz	3380	997	24.32	\$139.00
Intel Pentium G3260T @ 2.90GHz	2914	1129	29.15	\$99.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1305	NA	NA
Intel Pentium G3420 @ 3.20GHz	3410	987	16.93	\$201.41*
Intel Pentium G3420T @ 2.70GHz	3008	1105	18.80	\$159.99
Intel Pentium G3430 @ 3.30GHz	3474	972	29.92	\$116.15*
Intel Pentium G3440 @ 3.30GHz	3302	1016	19.14	\$172.55
Intel Pentium G3440T @ 2.80GHz	3101	1076	NA	NA
Intel Pentium G3450 @ 3.40GHz	3704	919	21.11	\$175.48*

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 G3450T @ 2.90GHz	2967	1118	NA	NA
Intel Pentium G3460 @ 3.50GHz	3594	941	12.47	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3706	917	35.54	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3578	947	66.40	\$53.89
Intel Pentium G4400T @ 2.90GHz	3248	1034	NA	NA
Intel Pentium G4500 @ 3.50GHz	4026	840	56.72	\$70.99
Intel Pentium G4500T @ 3.00GHz	3471	974	NA	NA
Intel Pentium G4520 @ 3.60GHz	4195	810	46.16	\$90.89
Intel Pentium G4560 @ 3.50GHz	4901	680	75.17	\$65.21
Intel Pentium G4560T @ 2.90GHz	4137	824	55.52	\$74.52*
Intel Pentium G4600 @ 3.60GHz	5134	639	63.46	\$80.90
Intel Pentium G4600T @ 3.00GHz	4328	789	49.31	\$87.78*
Intel Pentium G4620 @ 3.70GHz	5263	626	52.46	\$100.34
Intel Pentium G6950 @ 2.80GHz	1859	1525	31.00	\$59.99
Intel Pentium G6951 @ 2.80GHz	2140	1404	22.77	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2101	1420	NA	NA
Intel Pentium III 933S @ 933MHz	238	2555	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2495	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2508	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2453	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2474	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2471	NA	NA
Intel Pentium III Mobile 750MHz	103	2641	NA	NA
Intel Pentium III Mobile 800MHz	182	2606	NA	NA
Intel Pentium III Mobile 866MHz	152	2624	NA	NA
Intel Pentium III Mobile 933MHz	218	2572	8.58	\$25.51
Intel Pentium III Mobile 1000MHz	245	2546	NA	NA
Intel Pentium III Mobile 1066MHz	268	2520	NA	NA
Intel Pentium III Mobile 1133MHz	251	2540	NA	NA
Intel Pentium III Mobile 1200MHz	262	2527	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1533	NA	NA
Intel Pentium J2900 @ 2.41GHz	1976	1469	NA	NA
Intel Pentium J3710 @ 1.60GHz	1990	1463	NA	NA
Intel Pentium J4205 @ 1.50GHz	2297	1340	NA	NA
Intel Pentium M 1.10GHz	282	2500	NA	NA
Intel Pentium M 1.20GHz	298	2472	NA	NA
Intel Pentium M 1.30GHz	301	2466	NA	NA
Intel Pentium M 1.40GHz	345	2415	NA	NA
Intel Pentium M 1.50GHz	368	2388	NA	NA
Intel Pentium M 1.60GHz	363	2396	NA	NA
Intel Pentium M 1.70GHz	405	2342	NA	NA
Intel Pentium M 1.73GHz	414	2329	NA	NA
Intel Pentium M 1.80GHz	408	2337	NA	NA
Intel Pentium M 1.86GHz	438	2307	NA	NA
Intel Pentium M 2.00GHz	464	2277	NA	NA
Intel Pentium M 2.10GHz	448	2297	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 2.13GHz	510	2235	NA	NA
Intel Pentium M 2.26GHz	509	2236	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2263	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 900MHz	217	2575	NA	NA
Intel Pentium M 1000MHz	233	2560	NA	NA
Intel Pentium M 1100MHz	259	2530	NA	NA
Intel Pentium M 1200MHz	237	2556	NA	NA
Intel Pentium M 1300MHz	303	2460	NA	NA
Intel Pentium M 1400MHz	321	2436	NA	NA
Intel Pentium M 1500MHz	354	2404	NA	NA
Intel Pentium M 1600MHz	332	2427	NA	NA
Intel Pentium M 1700MHz	376	2376	NA	NA
Intel Pentium N3510 @ 1.99GHz	1517	1693	NA	NA
Intel Pentium N3520 @ 2.16GHz	1794	1554	NA	NA
Intel Pentium N3530 @ 2.16GHz	1891	1506	NA	NA
Intel Pentium N3540 @ 2.16GHz	1942	1482	7.74	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1845	1529	4.15	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1881	1515	NA	NA
Intel Pentium N4200 @ 1.10GHz	2020	1451	10.18	\$198.52
Intel Pentium P6000 @ 1.87GHz	1254	1829	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	1782	110.53	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1347	1770	22.46	\$59.99*
Intel Pentium P6300 @ 2.27GHz	1380	1751	NA	NA
Intel Pentium SU2700 @ 1.30GHz	407	2339	NA	NA
Intel Pentium SU4100 @ 1.30GHz	864	2055	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2068	NA	NA
Intel Pentium T2060 @ 1.60GHz	668	2150	NA	NA
Intel Pentium T2080 @ 1.73GHz	706	2133	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	709	2131	NA	NA
Intel Pentium T2310 @ 1.46GHz	726	2121	NA	NA
Intel Pentium T2330 @ 1.60GHz	836	2073	NA	NA
Intel Pentium T2370 @ 1.73GHz	842	2069	24.08	\$35.00*
Intel Pentium T2390 @ 1.86GHz	941	2017	NA	NA
Intel Pentium T2410 @ 2.00GHz	996	1976	NA	NA
Intel Pentium T3200 @ 2.00GHz	1026	1950	85.55	\$12.00
Intel Pentium T3400 @ 2.16GHz	1116	1896	79.72	\$14.00
Intel Pentium T4200 @ 2.00GHz	1147	1887	95.61	\$12.00
Intel Pentium T4300 @ 2.10GHz	1238	1839	NA	NA
Intel Pentium T4400 @ 2.20GHz	1282	1813	NA	NA
Intel Pentium T4500 @ 2.30GHz	1336	1777	NA	NA
Intel Pentium U5400 @ 1.20GHz	822	2078	NA	NA
Intel Pentium U5600 @ 1.33GHz	952	2006	NA	NA
Intel T1200 @ 1.50GHz	435	2314	NA	NA
Intel T1400 @ 1.73GHz	917	2034	NA	NA
Intel T1500 @ 1.86GHz	940	2018	NA	NA
Intel T2050 @ 2.00GHz	959	2003	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 2.00GHz	233	2559	NA	NA
Intel XEON 2.20GHz	252	2537	NA	NA
Intel Xeon 2.40GHz	276	2512	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2313	NA	NA
Intel Xeon 2.80GHz	400	2351	NA	NA
Intel Xeon 3.00GHz	391	2363	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3.06GHz	491	2246	NA	NA
Intel Xeon 3.20GHz	461	2282	NA	NA
Intel Xeon 3.40GHz	478	2266	NA	NA
Intel Xeon 3.60GHz	500	2242	0.59	\$851.00*
Intel Xeon 3.73GHz	1041	1943	NA	NA
Intel Xeon 3.80GHz	604	2181	0.71	\$851.00*
Intel Xeon 1500MHz	193	2595	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1810	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1311	1787	52.04	\$25.20*
Intel Xeon 3060 @ 2.40GHz	1518	1691	4.90	\$309.95*
Intel Xeon 3065 @ 2.33GHz	1504	1698	71.99	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1776	1560	4.34	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1532	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1672	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	1927	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1249	1833	0.74	\$1,683.98*
Intel Xeon 5130 @ 2.00GHz	1378	1752	35.89	\$38.40*
Intel Xeon 5133 @ 2.20GHz	1598	1656	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1635	35.87	\$45.71*
Intel Xeon 5148 @ 2.33GHz	1590	1660	39.78	\$39.99*
Intel Xeon 5150 @ 2.66GHz	1750	1572	109.48	\$15.99*
Intel Xeon 5160 @ 3.00GHz	1968	1472	134.82	\$14.60*
Intel Xeon D-1518 @ 2.20GHz	5322	621	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	560	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	447	NA	NA
Intel Xeon D-1528 @ 1.90GHz	7946	368	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	235	27.96	\$348.00*
Intel Xeon D-1540 @ 2.00GHz	10573	179	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11184	160	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	357	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14693	90	NA	NA
Intel Xeon D-1587 @ 1.70GHz	13950	108	NA	NA
Intel Xeon E3-1220 @ 3.10GHz	6103	527	11.97	\$509.95
Intel Xeon E3-1220 V2 @ 3.10GHz	6661	471	30.45	\$218.80
Intel Xeon E3-1220 v3 @ 3.10GHz	7030	442	29.72	\$236.55
Intel Xeon E3-1220 v5 @ 3.00GHz	7670	390	32.90	\$233.14
Intel Xeon E3-1220 v6 @ 3.00GHz	8010	363	35.61	\$224.98
Intel Xeon E3-1220L @ 2.20GHz	3563	953	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4478	759	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1417	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1225 @ 3.10GHz	5918	540	23.96	\$247.02*
Intel Xeon E3-1225 V2 @ 3.20GHz	6841	458	13.50	\$506.59
Intel Xeon E3-1225 v3 @ 3.20GHz	7184	429	15.67	\$458.34
Intel Xeon E3-1225 v5 @ 3.30GHz	7848	375	30.19	\$259.99
Intel Xeon E3-1225 v6 @ 3.30GHz	8337	338	35.48	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7573	398	18.01	\$420.52*
Intel Xeon E3-1230 @ 3.20GHz	7907	371	36.78	\$215.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8852	307	25.95	\$341.20
Intel Xeon E3-1230 v3 @ 3.30GHz	9329	265	35.66	\$261.66*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1230 v5 @ 3.40GHz	9754	233	32.54	\$299.80*
Intel Xeon E3-1230 v6 @ 3.50GHz	9833	226	38.62	\$254.65
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	425	25.12	\$287.90
Intel Xeon E3-1231 v3 @ 3.40GHz	9640	241	29.52	\$326.52
Intel Xeon E3-1235 @ 3.20GHz	7680	389	31.48	\$244.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6122	522	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7972	367	39.37	\$202.49
Intel Xeon E3-1240 V2 @ 3.40GHz	9177	276	26.38	\$347.95
Intel Xeon E3-1240 v3 @ 3.40GHz	9699	239	25.23	\$384.40
Intel Xeon E3-1240 v5 @ 3.50GHz	10392	187	30.90	\$336.31
Intel Xeon E3-1240 v6 @ 3.70GHz	10512	181	34.25	\$306.98
Intel Xeon E3-1240L v3 @ 2.00GHz	7487	404	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	379	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10040	212	21.76	\$461.38
Intel Xeon E3-1245 @ 3.30GHz	8048	359	31.56	\$255.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9110	285	14.99	\$607.59
Intel Xeon E3-1245 v3 @ 3.40GHz	9579	243	16.35	\$585.81
Intel Xeon E3-1245 v5 @ 3.50GHz	10264	193	29.88	\$343.50
Intel Xeon E3-1245 v6 @ 3.70GHz	10410	186	34.76	\$299.53
Intel Xeon E3-1246 v3 @ 3.50GHz	9908	219	21.07	\$470.24*
Intel Xeon E3-1260L @ 2.40GHz	6534	484	17.94	\$364.22*
Intel Xeon E3-1260L v5 @ 2.90GHz	10067	210	24.09	\$418.00*
Intel Xeon E3-1265L @ 2.40GHz	6038	531	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7779	381	54.62	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	8713	315	12.27	\$709.95
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	374	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	9175	278	24.34	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8233	342	22.31	\$369.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9481	253	33.01	\$287.20
Intel Xeon E3-1270 v3 @ 3.50GHz	9871	224	26.68	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10309	191	38.85	\$265.39
Intel Xeon E3-1270 v6 @ 3.80GHz	11083	164	30.45	\$363.98
Intel Xeon E3-1271 v3 @ 3.60GHz	10086	208	20.55	\$490.96
Intel Xeon E3-1275 @ 3.40GHz	8348	336	27.46	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9344	261	29.20	\$319.99
Intel Xeon E3-1275 v3 @ 3.50GHz	9844	225	24.55	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10390	188	21.65	\$480.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1275 v6 @ 3.80GHz	11017	167	29.34	\$375.48
Intel Xeon E3-1275L v3 @ 2.70GHz	8798	309	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10218	196	18.62	\$548.91*
Intel Xeon E3-1280 @ 3.50GHz	8473	330	13.06	\$649.03
Intel Xeon E3-1280 V2 @ 3.60GHz	9561	245	14.82	\$644.99*
Intel Xeon E3-1280 v3 @ 3.60GHz	9720	237	13.94	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	177	12.40	\$860.00*
Intel Xeon E3-1280 v6 @ 3.90GHz	11262	157	NA	NA
Intel Xeon E3-1281 v3 @ 3.70GHz	10295	192	11.73	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10115	206	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11689	153	25.98	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	10010	214	12.37	\$809.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1285L v4 @ 3.40GHz	11224	158	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	222	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	10129	204	13.09	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	316	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9749	234	11.02	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	438	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8927	301	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9983	218	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10509	182	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9277	269	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10724	176	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10474	183	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10740	175	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10657	178	NA	NA
Intel Xeon E5-1410 @ 2.80GHz	7312	420	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7420	409	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5528	589	33.51	\$164.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6112	524	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6420	500	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5838	551	212.33	\$27.50*
Intel Xeon E5-1607 v2 @ 3.00GHz	6157	517	19.67	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6950	449	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7352	417	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9073	286	17.79	\$510.00
Intel Xeon E5-1620 v2 @ 3.70GHz	9533	246	28.98	\$329.00
Intel Xeon E5-1620 v3 @ 3.50GHz	9767	232	27.30	\$357.77
Intel Xeon E5-1620 v4 @ 3.50GHz	9985	217	29.72	\$336.02
Intel Xeon E5-1630 v3 @ 3.70GHz	10251	195	17.15	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10315	190	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11763	152	67.22	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12656	134	19.62	\$644.95*
Intel Xeon E5-1650 v3 @ 3.50GHz	13597	119	16.78	\$810.58
Intel Xeon E5-1650 v4 @ 3.60GHz	14239	100	22.60	\$629.99*
Intel Xeon E5-1660 @ 3.30GHz	12377	138	10.09	\$1,226.66*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1660 v2 @ 3.70GHz	13777	112	7.62	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14423	97	8.92	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16240	68	NA	NA
Intel Xeon E5-1680 v2 @ 3.00GHz	16543	61	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16707	57	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17089	53	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	42	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3532	959	9.06	\$389.69*
Intel Xeon E5-2403 v2 @ 1.80GHz	3492	966	15.67	\$222.84*
Intel Xeon E5-2407 @ 2.20GHz	3832	883	11.44	\$335.04*
Intel Xeon E5-2407 v2 @ 2.40GHz	4575	740	9.61	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	631	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7139	433	20.94	\$341.04
Intel Xeon E5-2420 v2 @ 2.20GHz	8647	323	15.44	\$559.95
Intel Xeon E5-2430 @ 2.20GHz	6878	454	20.53	\$335.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2430 v2 @ 2.50GHz	8608	325	37.27	\$230.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	477	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9319	266	12.51	\$745.00
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	257	23.56	\$400.00
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	298	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	198	14.10	\$722.22*
Intel Xeon E5-2450L @ 1.80GHz	7389	415	113.70	\$64.99
Intel Xeon E5-2470 @ 2.30GHz	10061	211	31.77	\$316.72
Intel Xeon E5-2603 @ 1.80GHz	3570	950	8.62	\$414.46*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	906	9.89	\$380.82*
Intel Xeon E5-2603 v3 @ 1.60GHz	5140	637	23.37	\$219.95
Intel Xeon E5-2603 v4 @ 1.70GHz	5473	597	23.80	\$229.99*
Intel Xeon E5-2608L v3 @ 2.00GHz	7768	382	17.62	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4625	729	42.05	\$110.00
Intel Xeon E5-2609 v2 @ 2.50GHz	5091	645	10.52	\$484.01
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	537	20.48	\$290.00
Intel Xeon E5-2609 v4 @ 1.70GHz	6920	452	15.95	\$434.00*
Intel Xeon E5-2618L v3 @ 2.30GHz	12508	137	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	93	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7935	369	69.25	\$114.60
Intel Xeon E5-2620 v2 @ 2.10GHz	8686	317	19.11	\$454.60
Intel Xeon E5-2620 v3 @ 2.40GHz	10009	215	14.09	\$710.54
Intel Xeon E5-2620 v4 @ 2.10GHz	11339	155	18.55	\$611.28
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	300	22.07	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8090	353	14.74	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	259	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	148	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13041	123	9.56	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	166	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8887	302	69.72	\$127.48
Intel Xeon E5-2630 v2 @ 2.60GHz	10419	185	6.06	\$1,719.60

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2630 v3 @ 2.40GHz	12831	129	19.18	\$668.94
Intel Xeon E5-2630 v4 @ 2.20GHz	13923	109	16.99	\$819.34
Intel Xeon E5-2630L @ 2.00GHz	7900	373	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9655	240	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9216	273	12.26	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	128	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9504	250	5.86	\$1,622.17
Intel Xeon E5-2637 v3 @ 3.50GHz	10128	205	7.82	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10469	184	9.22	\$1,136.00*
Intel Xeon E5-2640 @ 2.50GHz	9500	251	88.55	\$107.29
Intel Xeon E5-2640 v2 @ 2.00GHz	9904	220	20.60	\$480.68
Intel Xeon E5-2640 v3 @ 2.60GHz	13976	107	14.33	\$975.24*
Intel Xeon E5-2640 v4 @ 2.40GHz	15331	82	15.56	\$985.00
Intel Xeon E5-2643 @ 3.30GHz	8490	328	15.69	\$541.09
Intel Xeon E5-2643 v2 @ 3.50GHz	12324	140	8.75	\$1,409.05
Intel Xeon E5-2643 v3 @ 3.40GHz	13801	111	7.54	\$1,829.48
Intel Xeon E5-2643 v4 @ 3.40GHz	13600	118	7.91	\$1,719.05*
Intel Xeon E5-2648L v3 @ 1.80GHz	12332	139	8.75	\$1,409.02*
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	12883	127	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14673	91	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10159	201	85.26	\$119.16
Intel Xeon E5-2650 v2 @ 2.60GHz	13019	125	23.81	\$546.77
Intel Xeon E5-2650 v3 @ 2.30GHz	14941	88	15.09	\$990.00
Intel Xeon E5-2650 v4 @ 2.20GHz	15975	75	13.65	\$1,169.99*
Intel Xeon E5-2650L @ 1.80GHz	8676	318	109.83	\$79.00
Intel Xeon E5-2650L v3 @ 1.80GHz	13390	121	13.26	\$1,010.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	104	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	156	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	252	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	103	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	66	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16290	67	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11100	162	97.26	\$114.14
Intel Xeon E5-2660 v2 @ 2.20GHz	13564	120	25.72	\$527.50*
Intel Xeon E5-2660 v3 @ 2.60GHz	16151	69	10.56	\$1,529.95
Intel Xeon E5-2660 v4 @ 2.00GHz	17786	47	11.94	\$1,489.97
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	106	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11776	151	83.23	\$141.50*
Intel Xeon E5-2667 @ 2.90GHz	10256	194	54.66	\$187.65*
Intel Xeon E5-2667 v2 @ 3.30GHz	16128	70	21.12	\$763.56
Intel Xeon E5-2667 v3 @ 3.20GHz	16101	72	7.12	\$2,259.95*
Intel Xeon E5-2667 v4 @ 3.20GHz	16654	59	6.70	\$2,486.48*
Intel Xeon E5-2670 @ 2.60GHz	12233	142	49.99	\$244.72
Intel Xeon E5-2670 v2 @ 2.50GHz	15031	86	29.56	\$508.49
Intel Xeon E5-2670 v3 @ 2.30GHz	16619	60	11.46	\$1,450.00
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	65	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2673 v3 @ 2.40GHz	16982	54	24.26	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21625	16	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15156	85	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17652	50	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	55	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25236	6	9.34	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12789	130	65.53	\$195.17
Intel Xeon E5-2680 v2 @ 2.80GHz	15927	76	37.65	\$423.06
Intel Xeon E5-2680 v3 @ 2.50GHz	18626	38	9.75	\$1,909.95
Intel Xeon E5-2680 v4 @ 2.40GHz	19953	28	11.32	\$1,762.90*
Intel Xeon E5-2682 v4 @ 2.50GHz	15333	81	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17429	51	8.78	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	18274	41	9.62	\$1,899.99*
Intel Xeon E5-2685 v3 @ 2.60GHz	14154	102	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	32	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14404	98	14.93	\$964.98*
Intel Xeon E5-2687W v2 @ 3.40GHz	16507	62	4.45	\$3,713.55
Intel Xeon E5-2687W v3 @ 3.10GHz	17719	48	7.06	\$2,509.95*
Intel Xeon E5-2687W v4 @ 3.00GHz	19979	27	9.03	\$2,211.95*
Intel Xeon E5-2689 @ 2.60GHz	13747	114	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19521	31	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2690 @ 2.90GHz	14003	105	52.94	\$264.49
Intel Xeon E5-2690 v2 @ 3.00GHz	16503	63	5.41	\$3,049.09
Intel Xeon E5-2690 v3 @ 2.60GHz	19240	33	8.15	\$2,359.99*
Intel Xeon E5-2690 v4 @ 2.60GHz	21323	21	9.99	\$2,133.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	73	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15847	78	8.93	\$1,774.85*
Intel Xeon E5-2695 v3 @ 2.30GHz	20346	24	8.14	\$2,499.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	25	8.15	\$2,484.97
Intel Xeon E5-2696 v2 @ 2.50GHz	16681	58	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22526	11	9.02	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21331	20	7.09	\$3,009.95
Intel Xeon E5-2697 v2 @ 2.70GHz	17405	52	7.79	\$2,235.02
Intel Xeon E5-2697 v3 @ 2.60GHz	21488	19	8.07	\$2,661.90*
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	18	7.67	\$2,805.00
Intel Xeon E5-2698 v3 @ 2.30GHz	21149	22	6.18	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21789	15	6.75	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22358	12	6.67	\$3,353.90
Intel Xeon E5-2699 v4 @ 2.20GHz	23362	8	2.92	\$8,010.00*
Intel Xeon E5-4603 @ 2.00GHz	5014	662	2.65	\$1,890.99
Intel Xeon E5-4617 @ 2.90GHz	8855	306	98.51	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	351	2.31	\$3,519.97*
Intel Xeon E5-4627 v3 @ 2.60GHz	14219	101	5.92	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	79	NA	NA
Intel Xeon E5-4640 @ 2.40GHz	10523	180	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	132	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	163	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	12085	145	24.57	\$491.80*
Intel Xeon E5-4650L @ 2.60GHz	11821	149	1.36	\$8,684.50*
Intel Xeon E5-4660 v3 @ 2.10GHz	18007	45	3.75	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	116	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1072	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2169	1392	76.41	\$28.40*
Intel Xeon E3113 @ 3.00GHz	2427	1291	NA	NA
Intel Xeon E3120 @ 3.16GHz	2241	1369	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1741	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1293	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1359	8.71	\$259.95*
Intel Xeon E5320 @ 1.86GHz	2279	1351	14.43	\$157.95*
Intel Xeon E5335 @ 2.00GHz	2513	1266	8.13	\$309.00*
Intel Xeon E5345 @ 2.33GHz	2934	1128	70.21	\$41.80
Intel Xeon E5405 @ 2.00GHz	2874	1150	82.16	\$34.99*
Intel Xeon E5410 @ 2.33GHz	3266	1024	90.75	\$36.00*
Intel Xeon E5420 @ 2.50GHz	3534	958	17.50	\$202.01*
Intel Xeon E5430 @ 2.66GHz	3787	896	105.21	\$36.00
Intel Xeon E5440 @ 2.83GHz	3983	854	16.11	\$247.26*
Intel Xeon E5450 @ 3.00GHz	4224	805	77.72	\$54.35
Intel Xeon E5462 @ 2.80GHz	3899	871	142.85	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4139	823	75.54	\$54.80*
Intel Xeon E5502 @ 1.87GHz	1375	1755	14.48	\$95.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5503 @ 2.00GHz	1396	1745	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2724	1199	66.31	\$41.08
Intel Xeon E5506 @ 2.13GHz	2987	1112	43.30	\$69.00*
Intel Xeon E5507 @ 2.27GHz	3144	1068	6.88	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4447	761	157.15	\$28.30*
Intel Xeon E5530 @ 2.40GHz	4605	732	186.17	\$24.74
Intel Xeon E5540 @ 2.53GHz	4778	703	165.05	\$28.95
Intel Xeon E5603 @ 1.60GHz	2366	1314	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3040	1097	46.08	\$65.99*
Intel Xeon E5607 @ 2.27GHz	3398	994	24.11	\$141.00*
Intel Xeon E5620 @ 2.40GHz	4860	686	157.54	\$30.85
Intel Xeon E5630 @ 2.53GHz	5109	643	49.99	\$102.21*
Intel Xeon E5640 @ 2.67GHz	5309	624	29.51	\$179.95
Intel Xeon E5645 @ 2.40GHz	6528	485	84.93	\$76.87
Intel Xeon E5649 @ 2.53GHz	6936	450	29.45	\$235.49*
Intel Xeon E7320 @ 2.13GHz	2413	1298	NA	NA
Intel Xeon Gold 6128 @ 3.40GHz	14959	87	8.82	\$1,697.00*
Intel Xeon Gold 6130 @ 2.10GHz	19118	34	9.70	\$1,969.99*
Intel Xeon Gold 6134 @ 3.20GHz	18083	44	7.70	\$2,348.26*
Intel Xeon Gold 6136 @ 3.00GHz	20412	23	NA	NA
Intel Xeon Gold 6144 @ 3.50GHz	19833	29	6.78	\$2,925.00*
Intel Xeon Gold 6154 @ 3.00GHz	27789	2	7.84	\$3,543.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L3110 @ 3.00GHz	2273	1355	NA	NA
Intel Xeon L3360 @ 2.83GHz	3820	887	42.81	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1774	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	880	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1542	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1356	14.38	\$157.95*
Intel Xeon L5310 @ 1.60GHz	2274	1354	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1405	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1189	22.65	\$121.69*
Intel Xeon L5408 @ 2.13GHz	3014	1104	NA	NA
Intel Xeon L5410 @ 2.33GHz	3414	985	34.11	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3503	964	109.47	\$32.00
Intel Xeon L5430 @ 2.66GHz	3784	899	23.96	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	916	29.73	\$125.00*
Intel Xeon L5520 @ 2.27GHz	4387	774	164.31	\$26.70*
Intel Xeon L5530 @ 2.40GHz	4351	783	NA	NA
Intel Xeon L5630 @ 2.13GHz	4369	778	274.78	\$15.90*
Intel Xeon L5638 @ 2.00GHz	5556	585	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	7021	443	NA	NA
Intel Xeon L5640 @ 2.27GHz	6444	491	117.18	\$55.00
Intel Xeon L7455 @ 2.13GHz	3836	881	NA	NA
Intel Xeon MV 3.20GHz	683	2144	NA	NA
Intel Xeon Platinum 8173M @ 2.00GHz	28860	1	NA	NA
Intel Xeon Silver 4110 @ 2.10GHz	11631	154	21.29	\$546.40
Intel Xeon Silver 4112 @ 2.60GHz	8613	324	16.42	\$524.48
Intel Xeon Silver 4114 @ 2.20GHz	14507	95	19.25	\$753.47
Intel Xeon Silver 4116 @ 2.10GHz	16723	56	16.53	\$1,012.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W3503 @ 2.40GHz	1760	1567	27.09	\$64.99*
Intel Xeon W3505 @ 2.53GHz	1854	1526	NA	NA
Intel Xeon W3520 @ 2.67GHz	5058	651	12.53	\$403.90*
Intel Xeon W3530 @ 2.80GHz	5363	616	89.46	\$59.95*
Intel Xeon W3540 @ 2.93GHz	5474	596	15.21	\$359.95*
Intel Xeon W3550 @ 3.07GHz	5709	566	24.29	\$235.00*
Intel Xeon W3565 @ 3.20GHz	5946	536	85.02	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6109	526	12.73	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6433	495	29.99	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8192	345	27.77	\$295.00*
Intel Xeon W3680 @ 3.33GHz	9160	279	20.20	\$453.45*
Intel Xeon W3690 @ 3.47GHz	9270	270	4.10	\$2,260.61
Intel Xeon W5580 @ 3.20GHz	5836	552	71.18	\$82.00*
Intel Xeon W5590 @ 3.33GHz	6183	511	22.90	\$269.99*
Intel Xeon W-2123 @ 3.60GHz	10976	169	37.34	\$294.00*
Intel Xeon W-2125 @ 4.00GHz	12669	133	28.53	\$444.00*
Intel Xeon W-2133 @ 3.60GHz	14470	96	23.45	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16375	64	19.61	\$835.00*
Intel Xeon W-2145 @ 3.70GHz	19793	30	17.78	\$1,113.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2150B @ 3.00GHz	21581	17	NA	NA
Intel Xeon W-2155 @ 3.30GHz	22786	10	15.82	\$1,440.00*
Intel Xeon W-2195 @ 2.30GHz	26470	4	10.37	\$2,553.00*
Intel Xeon X3210 @ 2.13GHz	2771	1179	18.60	\$149.00*
Intel Xeon X3220 @ 2.40GHz	3096	1077	12.09	\$256.07*
Intel Xeon X3230 @ 2.66GHz	3434	981	9.54	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3335	1007	14.53	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3160	1063	44.52	\$70.99*
Intel Xeon X3330 @ 2.66GHz	3376	998	16.08	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3898	872	64.98	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3881	874	58.27	\$66.61*
Intel Xeon X3360 @ 2.83GHz	3979	855	14.97	\$265.75*
Intel Xeon X3363 @ 2.83GHz	4041	836	25.59	\$157.95*
Intel Xeon X3370 @ 3.00GHz	4322	791	11.78	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4697	714	NA	NA
Intel Xeon X3430 @ 2.40GHz	3371	1000	10.21	\$330.09*
Intel Xeon X3440 @ 2.53GHz	4561	744	20.27	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4873	684	37.49	\$130.00*
Intel Xeon X3460 @ 2.80GHz	5117	641	67.78	\$75.50*
Intel Xeon X3470 @ 2.93GHz	5187	632	10.17	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	571	NA	NA
Intel Xeon X5260 @ 3.33GHz	2451	1282	17.61	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2524	1259	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1304	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3255	1031	53.99	\$60.30
Intel Xeon X5365 @ 3.00GHz	3491	967	28.16	\$123.99*
Intel Xeon X5450 @ 3.00GHz	4154	821	72.90	\$56.99*
Intel Xeon X5460 @ 3.16GHz	4366	780	97.05	\$44.99
Intel Xeon X5470 @ 3.33GHz	4637	724	15.78	\$293.87*
Intel Xeon X5472 @ 3.00GHz	4023	842	17.88	\$225.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5482 @ 3.20GHz	4572	741	41.59	\$109.95
Intel Xeon X5492 @ 3.40GHz	4829	694	3.47	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5415	606	242.86	\$22.30*
Intel Xeon X5560 @ 2.80GHz	5399	608	94.89	\$56.90
Intel Xeon X5570 @ 2.93GHz	5679	568	120.22	\$47.24
Intel Xeon X5647 @ 2.93GHz	5980	533	34.17	\$175.00*
Intel Xeon X5650 @ 2.67GHz	7445	406	107.69	\$69.14
Intel Xeon X5660 @ 2.80GHz	7657	391	67.31	\$113.77
Intel Xeon X5667 @ 3.07GHz	4722	709	34.98	\$135.00*
Intel Xeon X5670 @ 2.93GHz	7981	366	119.13	\$67.00
Intel Xeon X5672 @ 3.20GHz	6438	492	55.93	\$115.12*
Intel Xeon X5675 @ 3.07GHz	8507	326	35.60	\$239.00
Intel Xeon X5677 @ 3.47GHz	6963	448	19.90	\$350.00*
Intel Xeon X5679 @ 3.20GHz	8791	311	NA	NA
Intel Xeon X5680 @ 3.33GHz	8673	320	57.92	\$149.75
Intel Xeon X5687 @ 3.60GHz	7123	435	66.96	\$106.38

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5690 @ 3.47GHz	8975	295	49.07	\$182.90
Intel Xeon X5698 @ 4.40GHz	4272	796	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1113	NA	NA
Mobile AMD Athlon 4	314	2445	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2400	NA	NA
Mobile AMD Athlon 64 2700+	398	2352	NA	NA
Mobile AMD Athlon 64 2800+	440	2304	NA	NA
Mobile AMD Athlon 64 3000+	450	2294	NA	NA
Mobile AMD Athlon 64 3200+	448	2298	NA	NA
Mobile AMD Athlon 64 3400+	511	2233	NA	NA
Mobile AMD Athlon 64 3700+	435	2315	NA	NA
Mobile AMD Athlon 64 4000+	576	2194	NA	NA
Mobile AMD Athlon 1400+	266	2523	NA	NA
Mobile AMD Athlon 2500+	370	2384	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2524	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2374	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2477	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2244	NA	NA
Mobile AMD Athlon XP	572	2199	48.53	\$11.79*
Mobile AMD Athlon XP-M	512	2232	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2604	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2528	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2531	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2433	NA	NA
Mobile AMD Athlon XP-M 1800+	312	2449	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2418	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2467	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2394	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2414	NA	NA
Mobile AMD Athlon XP-M 2500+	351	2409	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2383	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2392	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2391	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 3100+	440	2305	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2253	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2237	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2484	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2476	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2424	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2381	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2270	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2238	NA	NA
Mobile AMD Sempron 2100+	252	2538	NA	NA
Mobile AMD Sempron 2600+	394	2359	NA	NA
Mobile AMD Sempron 2800+	358	2401	NA	NA
Mobile AMD Sempron 3000+	389	2367	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Sempron 3100+	416	2327	NA	NA
Mobile AMD Sempron 3200+	354	2405	NA	NA
Mobile AMD Sempron 3300+	444	2301	NA	NA
Mobile AMD Sempron 3400+	448	2296	NA	NA
Mobile AMD Sempron 3500+	408	2338	NA	NA
Mobile AMD Sempron 3600+	430	2319	NA	NA
Mobile AMD Sempron 3800+	485	2257	NA	NA
Mobile Intel Celeron 1.20GHz	170	2614	NA	NA
Mobile Intel Celeron 1.50GHz	188	2598	NA	NA
Mobile Intel Celeron 1.60GHz	188	2599	NA	NA
Mobile Intel Celeron 1.70GHz	181	2607	NA	NA
Mobile Intel Celeron 1.80GHz	186	2601	NA	NA
Mobile Intel Celeron 2.00GHz	204	2586	NA	NA
Mobile Intel Celeron 2.20GHz	226	2566	NA	NA
Mobile Intel Celeron 2.40GHz	239	2553	NA	NA
Mobile Intel Celeron 2.50GHz	281	2503	NA	NA
Mobile Intel Celeron 1200MHz	294	2478	NA	NA
Mobile Intel Celeron 1333MHz	309	2454	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2510	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2526	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2507	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2443	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2422	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2402	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2306	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2267	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2593	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2613	0.92	\$189.00
Mobile Intel Pentium 4 - M 1.80GHz	176	2610	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2561	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2589	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2591	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2577	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2533	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2446	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2579	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium III - M 933MHz	200	2590	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2542	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2482	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2567	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2483	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1271	NA	NA
Quad-Core AMD Opteron 1385	3442	980	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3308	1015	NA	NA
VIA C3 Ezra	100	2642	NA	NA
VIA C7 1500MHz	284	2496	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA C7-D 1500MHz	287	2490	NA	NA
VIA C7-D 1800MHz	203	2587	NA	NA
VIA C7-D 2000MHz	368	2387	NA	NA
VIA C7-M 1000MHz	164	2617	NA	NA
VIA C7-M 1200MHz	140	2629	NA	NA
VIA C7-M 1600MHz	178	2609	NA	NA
VIA C7-M 6300MHz	222	2569	NA	NA
VIA Eden 800MHz	155	2621	NA	NA
VIA Eden 1000MHz	123	2637	NA	NA
VIA Eden 1200MHz	142	2628	NA	NA
VIA Eden C1050@1.06GHz	352	2408	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2265	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	1889	NA	NA
VIA Esther 1000MHz	169	2615	NA	NA
VIA Esther 1300MHz	250	2541	NA	NA
VIA Esther 1500MHz	219	2571	NA	NA
VIA Esther 2000MHz	394	2358	NA	NA
VIA Nano L1900@1400MHz	457	2286	NA	NA
VIA Nano L2007@1600MHz	369	2385	NA	NA
VIA Nano L2100@1800MHz	428	2321	NA	NA
VIA Nano L2207@1600MHz	296	2475	NA	NA
VIA Nano L3025@1600MHz	517	2229	NA	NA
VIA Nano L3050@1800MHz	581	2192	NA	NA
VIA Nano L3600@2000MHz	645	2159	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2375	NA	NA
VIA Nano U2250@1300+MHz	274	2515	NA	NA
VIA Nano U2500@1200MHz	306	2458	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2241	NA	NA
VIA Nano U3300@1200MHz	409	2334	NA	NA
VIA Nano U3500@1000MHz	275	2513	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2179	NA	NA
VIA Nehemiah	155	2622	NA	NA
VIA QuadCore C4650@2.0GHz	1940	1485	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1762	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	1872	NA	NA
VIA Samuel 2	79	2644	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	250	24.17	\$317.40*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	98	13.80	\$1,279.92*
[Dual CPU] AMD Athlon 64 FX-72	3163	348	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	354	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	397	NA	NA
[Dual CPU] AMD EPYC 7281	12720	142	9.09	\$1,399.98
[Dual CPU] AMD EPYC 7401	23518	46	5.88	\$3,999.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD EPYC 7451	28957	17	5.57	\$5,199.98
[Dual CPU] AMD EPYC 7501	23727	43	3.25	\$7,299.98
[Dual CPU] AMD EPYC 7551	30966	11	4.18	\$7,399.98
[Dual CPU] AMD Opteron 246	1130	386	11.30	\$99.98
[Dual CPU] AMD Opteron 248	1053	387	43.88	\$24.00
[Dual CPU] AMD Opteron 250	1438	383	65.36	\$22.00
[Dual CPU] AMD Opteron 252	1385	384	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	392	NA	NA
[Dual CPU] AMD Opteron 256	1853	380	48.76	\$38.00*
[Dual CPU] AMD Opteron 270	2226	375	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	378	9.70	\$219.90
[Dual CPU] AMD Opteron 280	2452	371	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	363	NA	NA
[Dual CPU] AMD Opteron 290	2807	360	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	357	NA	NA
[Dual CPU] AMD Opteron 2212	2203	376	91.79	\$24.00
[Dual CPU] AMD Opteron 2214 HE	2463	370	NA	NA
[Dual CPU] AMD Opteron 2216	2485	368	6.98	\$356.00
[Dual CPU] AMD Opteron 2216 HE	2593	366	NA	NA
[Dual CPU] AMD Opteron 2218	2719	364	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	367	NA	NA
[Dual CPU] AMD Opteron 2220	2850	358	0.97	\$2,950.32
[Dual CPU] AMD Opteron 2220 SE	2882	356	75.84	\$38.00
[Dual CPU] AMD Opteron 2222	2965	353	0.89	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	346	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	336	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3501	343	7.42	\$471.66*
[Dual CPU] AMD Opteron 2350	4090	337	7.57	\$539.98*
[Dual CPU] AMD Opteron 2354	4566	326	6.88	\$664.02*
[Dual CPU] AMD Opteron 2356	4487	328	150.07	\$29.90
[Dual CPU] AMD Opteron 2360 SE	5315	310	189.82	\$28.00
[Dual CPU] AMD Opteron 2374 HE	4799	323	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	311	174.60	\$30.00
[Dual CPU] AMD Opteron 2378	5559	305	15.53	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	297	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	294	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6441	278	NA	NA
[Dual CPU] AMD Opteron 2389	5677	298	142.00	\$39.98
[Dual CPU] AMD Opteron 2419	5191	313	216.47	\$23.98
[Dual CPU] AMD Opteron 2425 HE	6209	285	NA	NA
[Dual CPU] AMD Opteron 2427	5980	291	31.43	\$190.28*
[Dual CPU] AMD Opteron 2431	6438	279	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7154	262	29.71	\$240.80*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2439 SE	8071	236	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	338	7.84	\$519.90
[Dual CPU] AMD Opteron 4130	5651	300	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	281	9.33	\$679.90
[Dual CPU] AMD Opteron 4180	6001	289	7.32	\$819.90
[Dual CPU] AMD Opteron 4184	7848	242	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	235	8.64	\$936.14*
[Dual CPU] AMD Opteron 4228 HE	7986	237	NA	NA
[Dual CPU] AMD Opteron 4234	9361	206	15.57	\$601.40*
[Dual CPU] AMD Opteron 4276 HE	9681	199	NA	NA
[Dual CPU] AMD Opteron 4280	4525	327	4.96	\$912.88*
[Dual CPU] AMD Opteron 4284	7833	244	10.96	\$714.60*
[Dual CPU] AMD Opteron 4334	9468	204	21.87	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	178	NA	NA
[Dual CPU] AMD Opteron 4376 HE	10244	186	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	169	15.01	\$757.04*
[Dual CPU] AMD Opteron 6128	6881	269	14.64	\$470.00
[Dual CPU] AMD Opteron 6128 HE	5582	303	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	221	NA	NA
[Dual CPU] AMD Opteron 6136	7255	258	10.10	\$718.00
[Dual CPU] AMD Opteron 6164 HE	5109	316	NA	NA
[Dual CPU] AMD Opteron 6168	7741	247	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7623	251	18.15	\$419.90
[Dual CPU] AMD Opteron 6174	8776	219	1.16	\$7,539.84
[Dual CPU] AMD Opteron 6176 SE	8448	224	15.30	\$552.00*
[Dual CPU] AMD Opteron 6180 SE	3114	349	NA	NA
[Dual CPU] AMD Opteron 6204	7134	263	NA	NA
[Dual CPU] AMD Opteron 6212	8955	212	21.37	\$419.00*
[Dual CPU] AMD Opteron 6220	10740	175	30.65	\$350.40*
[Dual CPU] AMD Opteron 6234	10262	185	12.83	\$799.98*
[Dual CPU] AMD Opteron 6238	10349	182	4.76	\$2,176.22*
[Dual CPU] AMD Opteron 6272	10026	191	15.42	\$650.00
[Dual CPU] AMD Opteron 6274	10682	176	5.88	\$1,817.90*
[Dual CPU] AMD Opteron 6275	9936	193	NA	NA
[Dual CPU] AMD Opteron 6276	10194	188	20.89	\$488.00
[Dual CPU] AMD Opteron 6284 SE	11985	155	NA	NA
[Dual CPU] AMD Opteron 6308	8351	227	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10914	173	19.56	\$558.00
[Dual CPU] AMD Opteron 6328	11709	161	11.57	\$1,011.98
[Dual CPU] AMD Opteron 6344	11178	170	14.37	\$778.00
[Dual CPU] AMD Opteron 6348	11412	167	2.13	\$5,355.20
[Dual CPU] AMD Opteron 6376	10405	180	8.28	\$1,256.90
[Dual CPU] AMD Opteron 6378	2905	355	3.64	\$798.00
[Dual CPU] AMD Opteron 6380	14200	130	18.21	\$779.72
[Dual CPU] AMD Opteron 6386 SE	10764	174	2.24	\$4,815.02*
[Dual CPU] AMD Opteron 8218	2831	359	117.96	\$24.00
[Dual CPU] AMD Opteron 8222 SE	2793	362	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	347	134.29	\$24.00
[Dual CPU] AMD Opteron 8380	5643	301	13.70	\$412.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 8381 HE	5210	312	NA	NA
[Dual CPU] AMD Opteron 8389	6517	275	155.24	\$41.98
[Dual CPU] AMD Opteron 8431	5813	296	207.76	\$27.98
[Dual CPU] AMD Opteron 8435	7606	252	38.42	\$197.98
[Dual CPU] AMD Opteron 8439 SE	7691	249	NA	NA
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	385	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	373	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	342	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7955	238	2.20	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	406	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	404	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	400	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	402	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	407	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	408	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	405	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	479	403	26.32	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	398	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	394	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	784	393	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	396	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	856	391	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	892	390	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	925	389	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1862	379	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	998	388	0.59	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2148	377	6.71	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	372	0.69	\$3,367.96*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2614	365	34.04	\$76.80*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	350	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2987	352	32.67	\$91.42*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	351	37.50	\$79.98*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3451	344	107.91	\$31.98*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3849	340	131.82	\$29.20*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	9410	205	20.02	\$469.98
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	5988	290	7.68	\$779.38*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	283	14.14	\$445.68*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7508	255	11.20	\$670.08*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	210	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11786	158	17.28	\$682.08
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11725	159	10.47	\$1,119.90
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	229	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	135	20.35	\$670.00
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	14265	129	30.88	\$461.98*
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	168	8.60	\$1,324.00*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	148	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	141	16.07	\$800.00
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	133	9.50	\$1,444.44*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11866	156	91.29	\$129.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	110	26.23	\$633.44
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	92	4.13	\$4,500.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6311	282	7.61	\$828.92*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	274	8.56	\$761.64*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8374	225	19.04	\$439.90
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8542	223	18.57	\$459.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8229	232	37.40	\$220.00
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8822	216	9.11	\$968.02
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9920	194	17.10	\$580.00
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10992	172	12.66	\$868.00*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12487	146	54.48	\$229.20
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13453	140	14.80	\$909.20
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15335	120	10.79	\$1,421.08
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16661	108	13.63	\$1,222.56
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14155	131	17.48	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	11660	162	10.62	\$1,098.00*
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13616	138	53.40	\$254.96
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16123	113	4.69	\$3,439.20
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18589	91	13.89	\$1,337.88
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18907	90	11.54	\$1,638.68
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	171	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	136	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15176	121	10.09	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	16141	112	4.98	\$3,244.34
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16437	111	6.34	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16678	107	7.34	\$2,272.00*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14754	125	68.76	\$214.58
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14420	127	15.00	\$961.36
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20459	79	10.49	\$1,950.48*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20577	77	10.45	\$1,970.00
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13604	139	12.57	\$1,082.18
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21298	67	7.56	\$2,818.10
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21076	70	5.76	\$3,658.96
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21683	63	6.31	\$3,438.10*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	150	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	11808	157	3.99	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	19339	87	6.86	\$2,818.04*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15022	123	63.03	\$238.32
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19073	89	17.44	\$1,093.54
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20495	78	10.35	\$1,980.00
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20601	75	8.80	\$2,339.98*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	128	91.04	\$158.00
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	12577	145	24.28	\$517.98*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	72	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18096	96	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 E5-2660 @ 2.20GHz	16648	109	72.93	\$228.28
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18295	93	17.34	\$1,055.00*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22733	55	7.43	\$3,059.90
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23117	51	7.76	\$2,979.94
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	50	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17622	99	62.27	\$283.00*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	33	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17001	104	45.30	\$375.30*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	23350	49	15.29	\$1,527.12
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23109	52	5.11	\$4,519.90*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23855	42	4.80	\$4,972.96*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18281	94	37.35	\$489.44
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	21677	64	21.32	\$1,016.98
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	58	7.71	\$2,900.00
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23077	53	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	22959	54	16.40	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	16	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	83	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21980	61	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	15	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18227	95	46.70	\$390.34
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	22124	59	26.15	\$846.12
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24963	32	6.53	\$3,819.90
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	48	6.63	\$3,525.80*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	105	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21180	69	5.34	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24503	36	6.45	\$3,799.98*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	60	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26071	26	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	21057	71	10.91	\$1,929.96*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23727	44	3.19	\$7,427.10
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24243	38	4.83	\$5,019.90*
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26716	23	6.04	\$4,423.90*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	20362	81	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26470	25	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	20150	82	38.09	\$528.98
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23886	41	3.92	\$6,098.18
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25709	27	5.45	\$4,719.98*
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27527	21	6.45	\$4,267.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20590	76	5.80	\$3,549.70*
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	34	4.97	\$4,999.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	28	5.15	\$4,969.94
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23914	40	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30116	13	6.03	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31727	9	5.27	\$6,019.90
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23574	45	5.27	\$4,470.04

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28214	19	5.30	\$5,323.80*
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30520	12	5.44	\$5,610.00
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28018	20	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29958	14	4.37	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32751	7	5.08	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	39	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	25176	31	3.75	\$6,707.80
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34330	5	2.14	\$16,020.00*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	73	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	85	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	116	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	88	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19588	84	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19401	86	19.72	\$983.60*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	124	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	56	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	22	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	152	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	117	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	57	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7-4870 @ 2.40GHz	17541	100	2.66	\$6,587.58*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	374	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	339	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3607	341	6.94	\$519.90*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4141	335	13.11	\$315.90*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	319	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4594	325	7.43	\$618.00*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5142	315	61.51	\$83.60
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5181	314	74.04	\$69.98*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6051	288	84.04	\$72.00*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6400	280	15.84	\$404.02*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6873	270	95.46	\$72.00
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7223	259	14.61	\$494.52*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7599	253	69.91	\$108.70
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7160	261	131.14	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7842	243	71.55	\$109.60*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2480	369	13.05	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	361	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4913	320	59.80	\$82.16
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5053	317	36.62	\$138.00*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5432	307	5.94	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7438	256	131.41	\$56.60*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7740	248	156.43	\$49.48
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7911	240	136.63	\$57.90
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4236	333	16.41	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5563	304	42.15	\$131.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5980	292	21.21	\$282.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8130	234	131.77	\$61.70
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8368	226	40.94	\$204.42*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8838	215	24.56	\$359.90
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10414	179	67.74	\$153.74
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10373	181	22.02	\$470.98*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	306	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	309	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	21833	62	8.94	\$2,442.00*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	37	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 Gold 5117M @ 2.00GHz	21250	68	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	20418	80	8.02	\$2,546.00*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25469	30	8.16	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17056	103	6.95	\$2,454.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	23396	47	6.89	\$3,394.00*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	21392	65	5.43	\$3,939.98*
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	25513	29	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35659	3	6.55	\$5,439.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	34052	6	6.42	\$5,302.46*
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28830	18	4.93	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	10	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35368	4	4.83	\$7,322.00*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	35948	2	5.07	\$7,086.00*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	329	14.15	\$315.90*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	332	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	321	20.10	\$243.38*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	302	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6163	286	30.79	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6487	277	101.36	\$64.00
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6600	272	20.89	\$315.90*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	268	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	7001	267	131.10	\$53.40*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	239	NA	NA
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7025	265	220.91	\$31.80*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	213	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9618	200	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9862	196	89.65	\$110.00
[Dual CPU] Intel Xeon MP 2.50GHz	550	399	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	401	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	395	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	381	NA	NA
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15039	122	17.61	\$854.00*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	17738	97	16.23	\$1,092.80
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	20652	74	13.70	\$1,506.94
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	189	61.65	\$164.00*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10343	183	19.15	\$539.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	184	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4778	324	17.16	\$278.48*
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	322	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5832	295	48.36	\$120.60
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6278	284	25.32	\$247.98*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7516	254	65.94	\$113.98*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7888	241	87.66	\$89.98
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8225	233	13.99	\$587.74*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7780	245	17.29	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8279	230	37.65	\$219.90
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8805	218	3.16	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	9054	208	203.00	\$44.60*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	207	79.82	\$113.80
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9590	201	101.50	\$94.48
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9896	195	28.27	\$350.00*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11437	166	82.71	\$138.28
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11715	160	51.49	\$227.54
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	217	32.66	\$270.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12362	147	92.25	\$134.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10053	190	43.66	\$230.24*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12711	143	26.59	\$478.00
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11532	164	16.47	\$700.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	137	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13649	134	45.57	\$299.50
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	12010	154	56.45	\$212.76
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	14030	132	38.35	\$365.80
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8974	211	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	273	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	220	41.21	\$211.60*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	192	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	163	36.35	\$319.98*
[Dual CPU] Quad-Core AMD Opteron 2352	4232	334	9.62	\$440.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	318	15.28	\$330.00*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	331	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	330	199.09	\$21.98
[Dual CPU] Quad-Core AMD Opteron 8378	5382	308	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	271	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	299	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	293	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	228	NA	NA
[Quad CPU] AMD Opteron 6136	9767	197	6.80	\$1,436.00
[Quad CPU] AMD Opteron 6272	12292	149	9.46	\$1,300.00
[Quad CPU] AMD Opteron 6274	10488	177	2.88	\$3,635.80*
[Quad CPU] AMD Opteron 6276	15342	119	15.72	\$976.00
[Quad CPU] AMD Opteron 6278	12055	153	4.35	\$2,770.00*
[Quad CPU] AMD Opteron 6376	14681	126	5.84	\$2,513.80

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 8360 SE	6490	276	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	287	NA	NA
[Quad CPU] AMD Opteron 8382	8553	222	10.74	\$796.00
[Quad CPU] AMD Opteron 8425 HE	7359	257	NA	NA
[Quad CPU] AMD Opteron 8431	8252	231	147.46	\$55.96
[Quad CPU] AMD Opteron 8435	7099	264	17.93	\$395.96
[Quad CPU] AMD Opteron 8439 SE	8943	214	NA	NA
[Quad CPU] Intel Xeon 3.00GHz	1472	382	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	345	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	106	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24511	35	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	66	10.86	\$1,967.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	114	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	8	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	102	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	101	1.13	\$15,352.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15952	115	1.21	\$13,175.16*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	144	2.80	\$4,538.76*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	266	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	246	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	187	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9491	203	7.24	\$1,310.40
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	209	14.14	\$639.20*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26690	24	5.44	\$4,908.00*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	198	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	1	1.10	\$40,060.00*
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	202	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12250	151	28.95	\$423.20*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	165	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	15414	118	24.09	\$639.96*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	260	163.10	\$43.96

* - Last price seen from our affiliates.

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