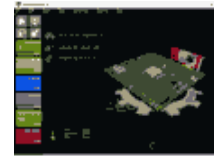


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CPU List

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

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2494	NA	NA
AMD A4 Micro-6400T APU	1544	1684	NA	NA
AMD A4 PRO-3340B	2402	1308	NA	NA
AMD A4 PRO-7300B APU	2342	1327	NA	NA
AMD A4 PRO-7350B	2794	1180	NA	NA
AMD A4-1200 APU	640	2171	NA	NA
AMD A4-1250 APU	610	2183	NA	NA
AMD A4-3300 APU	1505	1704	115.91	\$12.99
AMD A4-3300M APU	1183	1873	39.47	\$29.99*
AMD A4-3305M APU	1224	1851	40.81	\$30.00*
AMD A4-3310MX APU	1291	1810	NA	NA
AMD A4-3320M APU	1256	1834	40.53	\$31.00*
AMD A4-3330MX APU	1217	1856	NA	NA
AMD A4-3400 APU	1595	1665	27.05	\$58.98
AMD A4-3420 APU	1677	1621	NA	NA
AMD A4-4000 APU	1818	1554	26.24	\$69.30
AMD A4-4020 APU	1914	1500	43.56	\$43.95
AMD A4-4300M APU	1614	1653	40.51	\$39.86*
AMD A4-4355M APU	1173	1878	NA	NA
AMD A4-5000 APU	1903	1505	NA	NA
AMD A4-5050 APU	2134	1412	NA	NA
AMD A4-5100 APU	2082	1435	NA	NA
AMD A4-5150M APU	1820	1550	NA	NA
AMD A4-5300 APU	2001	1465	45.49	\$43.99
AMD A4-5300B APU	2069	1438	54.46	\$38.00*
AMD A4-6210 APU	2146	1408	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-6250J APU	2556	1255	NA	NA
AMD A4-6300 APU	2216	1382	41.73	\$53.11
AMD A4-6300B APU	2129	1414	21.30	\$100.00*
AMD A4-6320 APU	2322	1332	22.31	\$104.09*
AMD A4-7210 APU	2516	1270	NA	NA
AMD A4-7300 APU	2285	1353	23.71	\$96.40
AMD A4-9120	1798	1558	NA	NA
AMD A6 Micro-6500T APU	1834	1545	NA	NA
AMD A6 PRO-7050B APU	1582	1670	NA	NA
AMD A6 PRO-7400B	2749	1198	NA	NA
AMD A6-1450 APU	1523	1694	NA	NA
AMD A6-3400M APU	1897	1508	65.42	\$29.00*
AMD A6-3410MX APU	2059	1441	68.67	\$29.99*
AMD A6-3420M APU	2011	1460	NA	NA
AMD A6-3430MX APU	2225	1381	NA	NA
AMD A6-3500 APU	2007	1463	24.11	\$83.27
AMD A6-3600 APU	2706	1209	117.71	\$22.99*
AMD A6-3620 APU	2811	1176	46.87	\$59.99*
AMD A6-3650 APU	3161	1064	21.08	\$149.99
AMD A6-3670 APU	3199	1051	15.28	\$209.36
AMD A6-4400M APU	1629	1648	40.88	\$39.86*
AMD A6-4455M APU	1284	1817	NA	NA
AMD A6-5200 APU	2417	1302	NA	NA
AMD A6-5345M APU	1476	1716	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	1903	1504	44.14	\$43.12
AMD A6-5357M APU	1938	1491	NA	NA
AMD A6-5400B APU	2177	1396	20.73	\$105.04*
AMD A6-5400K APU	2150	1404	26.11	\$82.37
AMD A6-6310 APU	2434	1296	NA	NA
AMD A6-6400B APU	2281	1357	NA	NA
AMD A6-6400K APU	2296	1347	40.77	\$56.33
AMD A6-6420B APU	2612	1234	NA	NA
AMD A6-6420K APU	2351	1326	23.59	\$99.70
AMD A6-7000	1671	1626	NA	NA
AMD A6-7310 APU	2686	1215	NA	NA
AMD A6-7400K APU	2788	1182	60.62	\$45.99
AMD A6-7470K	2848	1161	28.72	\$99.20
AMD A6-8500P	2183	1393	NA	NA
AMD A6-8550	3104	1079	NA	NA
AMD A6-9210	1876	1527	NA	NA
AMD A6-9220	2326	1331	NA	NA
AMD A6-9220e	1459	1721	NA	NA
AMD A6-9230	2274	1360	NA	NA
AMD A6-9500	2963	1123	49.41	\$59.99
AMD A8 PRO-7150B APU	2711	1207	NA	NA
AMD A8 PRO-7600B APU	4846	693	NA	NA
AMD A8-3500M APU	1974	1476	28.23	\$69.95
AMD A8-3510MX APU	2382	1314	NA	NA
AMD A8-3520M APU	2178	1395	NA	NA
AMD A8-3530MX APU	2382	1312	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-3550MX APU	2610	1235	NA	NA
AMD A8-3800 APU	3058	1094	18.00	\$169.99*
AMD A8-3820 APU	3148	1071	25.19	\$124.99*
AMD A8-3850 APU	3475	976	17.38	\$199.99
AMD A8-3870K APU	3573	953	17.73	\$201.54*
AMD A8-4500M APU	2662	1219	NA	NA
AMD A8-4555M APU	2125	1417	NA	NA
AMD A8-5500 APU	3991	854	30.94	\$129.00
AMD A8-5500B APU	3960	861	NA	NA
AMD A8-5545M APU	2580	1248	NA	NA
AMD A8-5550M APU	3000	1112	NA	NA
AMD A8-5557M APU	2958	1126	NA	NA
AMD A8-5600K APU	4339	790	18.92	\$229.30
AMD A8-6410 APU	2561	1254	NA	NA
AMD A8-6500 APU	4384	780	27.23	\$160.99*
AMD A8-6500B APU	4573	747	NA	NA
AMD A8-6500T APU	3221	1043	NA	NA
AMD A8-6600K APU	4577	745	24.22	\$189.04*
AMD A8-7050	1986	1473	NA	NA
AMD A8-7100 APU	2821	1168	NA	NA
AMD A8-7200P	3315	1018	NA	NA
AMD A8-7410 APU	2740	1201	NA	NA
AMD A8-7600 APU	5111	646	30.61	\$167.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7650K	4913	684	62.21	\$78.99
AMD A8-7670K	5075	653	38.30	\$132.54
AMD A8-8600P	3248	1037	NA	NA
AMD A8-8650	5470	601	NA	NA
AMD A8-9600	4970	671	72.89	\$68.20
AMD A9-9400	2257	1368	NA	NA
AMD A9-9410	2575	1250	NA	NA
AMD A9-9420	2320	1334	NA	NA
AMD A9-9430	2705	1210	NA	NA
AMD A10 Micro-6700T APU	1890	1515	NA	NA
AMD A10 PRO-7350B APU	3241	1040	NA	NA
AMD A10 PRO-7800B APU	5409	611	NA	NA
AMD A10 PRO-7850B APU	5465	603	NA	NA
AMD A10-4600M APU	3116	1077	NA	NA
AMD A10-4655M APU	2594	1241	NA	NA
AMD A10-4657M APU	2906	1141	NA	NA
AMD A10-5700 APU	4209	813	8.18	\$514.70*
AMD A10-5745M APU	2762	1192	NA	NA
AMD A10-5750M APU	3341	1012	NA	NA
AMD A10-5757M APU	3091	1082	NA	NA
AMD A10-5800B APU	4658	724	NA	NA
AMD A10-5800K APU	4637	728	36.81	\$125.99*
AMD A10-6700 APU	4601	738	9.06	\$507.68*
AMD A10-6700T APU	3691	928	25.08	\$147.20
AMD A10-6790K APU	4704	717	22.75	\$206.82*
AMD A10-6800B APU	4991	669	NA	NA
AMD A10-6800K APU	4875	688	23.69	\$205.76*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-7300 APU	2911	1139	NA	NA
AMD A10-7400P	3631	936	NA	NA
AMD A10-7700K APU	5138	641	51.38	\$100.00*
AMD A10-7800 APU	5007	668	47.69	\$104.99*
AMD A10-7850K APU	5485	598	21.56	\$254.45*
AMD A10-7860K	5101	648	24.16	\$211.11
AMD A10-7870K	5490	597	49.02	\$112.01*
AMD A10-7890K	5745	567	23.76	\$241.80
AMD A10-8700P	3459	982	NA	NA
AMD A10-8750	5126	643	NA	NA
AMD A10-8850	5613	580	NA	NA
AMD A10-9600P	3817	892	NA	NA
AMD A10-9620P	3884	876	NA	NA
AMD A10-9630P	4492	763	NA	NA
AMD A10-9700	5515	595	61.35	\$89.89
AMD A10-9700E	4775	709	53.67	\$88.99
AMD A12-9700P	3759	913	NA	NA
AMD A12-9720P	3981	858	NA	NA
AMD A12-9730P	4389	777	NA	NA
AMD A12-9800	5590	586	50.83	\$109.99*
AMD A12-9800E	5097	649	46.35	\$109.99
AMD Athlon64 X2 Dual Core 3800+	950	2014	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	1973	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	1913	NA	NA
AMD Athlon 4	279	2513	5.72	\$48.91
AMD Athlon 64 2000+	116	2646	NA	NA
AMD Athlon 64 2200+	575	2203	NA	NA
AMD Athlon 64 2600+	374	2386	NA	NA
AMD Athlon 64 2800+	438	2315	4.38	\$99.99*
AMD Athlon 64 3000+	462	2287	5.44	\$84.95
AMD Athlon 64 3200+	491	2254	3.28	\$149.95*
AMD Athlon 64 3300+	576	2202	NA	NA
AMD Athlon 64 3400+	545	2215	NA	NA
AMD Athlon 64 3500+	540	2222	12.01	\$45.00
AMD Athlon 64 3600+	601	2190	NA	NA
AMD Athlon 64 3700+	599	2191	8.69	\$69.00*
AMD Athlon 64 3800+	588	2195	4.20	\$139.95*
AMD Athlon 64 4000+	605	2185	3.06	\$197.95
AMD Athlon 64 FX-25	794	2098	NA	NA
AMD Athlon 64 FX-34	380	2379	NA	NA
AMD Athlon 64 FX-51	437	2316	NA	NA
AMD Athlon 64 FX-53	646	2165	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2129	4.01	\$179.95
AMD Athlon 64 FX-57	730	2125	NA	NA
AMD Athlon 64 FX-59	715	2133	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1819	NA	NA
AMD Athlon 64 FX-62 Dual Core	1579	1672	NA	NA
AMD Athlon 64 FX-72	1794	1560	NA	NA
AMD Athlon 64 FX-74	1495	1709	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2010	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 4200+	1285	1815	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1766	3.90	\$349.95*
AMD Athlon 64 X2 Dual Core 3400+	994	1985	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	969	1998	16.15	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1002	1976	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1039	1951	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1099	1916	6.11	\$179.95
AMD Athlon 64 X2 Dual Core 4400+	1147	1894	19.13	\$60.00*
AMD Athlon 64 X2 Dual Core 4600+	1222	1853	3.40	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1257	1833	7.86	\$159.95
AMD Athlon 64 X2 Dual Core 5000+	1311	1793	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1383	1756	26.06	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1451	1728	27.39	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1480	1714	9.88	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1690	38.26	\$39.95*
AMD Athlon 64 X2 Dual Core 6000+	1604	1661	49.36	\$32.50
AMD Athlon 64 X2 Dual Core 6400+	1792	1561	6.90	\$259.95
AMD Athlon 64 X2 Dual Core BE-230	1095	1922	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	1931	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	1948	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2078	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	2079	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	1997	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2057	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	817	2089	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2058	12.03	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	925	2034	NA	NA
AMD Athlon 64 X2 QL-60	921	2039	NA	NA
AMD Athlon 64 X2 QL-62	1015	1967	NA	NA
AMD Athlon 64 X2 QL-64	987	1991	NA	NA
AMD Athlon 64 X2 QL-65	1041	1950	NA	NA
AMD Athlon 64 X2 QL-66	945	2018	NA	NA
AMD Athlon 64 X2 QL-67	1006	1972	NA	NA
AMD Athlon 64 X2 TK-55	955	2011	NA	NA
AMD Athlon 64 X2 TK-57	988	1990	NA	NA
AMD Athlon 1500+	294	2486	NA	NA
AMD Athlon 1640B	678	2153	13.57	\$50.00*
AMD Athlon 1700+	349	2416	NA	NA
AMD Athlon 2000+	390	2373	NA	NA
AMD Athlon 2100+	412	2338	NA	NA
AMD Athlon 2200+	363	2402	4.55	\$79.99*
AMD Athlon 2400+	462	2288	NA	NA
AMD Athlon 2500+	374	2385	2.04	\$183.99*
AMD Athlon 2600+	444	2309	4.23	\$104.95*
AMD Athlon 2650e	406	2348	21.38	\$19.00*
AMD Athlon 2800+	447	2306	8.96	\$49.99*
AMD Athlon 2850e	503	2247	NA	NA
AMD Athlon 3100+	485	2267	NA	NA
AMD Athlon 3200+	458	2292	4.58	\$99.95
AMD Athlon 5000 Dual-Core	1290	1812	12.91	\$99.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 5150 APU	2093	1430	19.38	\$108.00*
AMD Athlon 5200 Dual-Core	1248	1842	13.82	\$90.33*
AMD Athlon 5350 APU	2598	1239	7.08	\$367.00*
AMD Athlon 5370 APU	2898	1149	45.51	\$63.70*
AMD Athlon 7450 Dual-Core	1442	1734	NA	NA
AMD Athlon 7550 Dual-Core	1458	1723	24.30	\$60.00*
AMD Athlon 7750 Dual-Core	1580	1671	10.63	\$148.71*
AMD Athlon 7850 Dual-Core	1716	1596	8.19	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2496	NA	NA
AMD Athlon Dual Core 4050e	1086	1929	NA	NA
AMD Athlon Dual Core 4450B	1167	1884	68.65	\$17.00*
AMD Athlon Dual Core 4450e	1097	1918	NA	NA
AMD Athlon Dual Core 4850B	1447	1731	NA	NA
AMD Athlon Dual Core 4850e	1315	1792	33.72	\$39.00*
AMD Athlon Dual Core 5000B	1304	1800	13.73	\$95.00*
AMD Athlon Dual Core 5050e	1350	1776	22.50	\$60.00*
AMD Athlon Dual Core 5200B	1328	1787	NA	NA
AMD Athlon Dual Core 5400B	1407	1747	NA	NA
AMD Athlon Dual Core 5600B	1304	1799	NA	NA
AMD Athlon II 160u	557	2213	18.59	\$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	2178	20.91	\$29.95*
AMD Athlon II Dual-Core M300	1114	1907	NA	NA
AMD Athlon II Dual-Core M320	1144	1899	38.14	\$30.00*
AMD Athlon II Dual-Core M340	1038	1952	NA	NA
AMD Athlon II N330 Dual-Core	1154	1890	NA	NA
AMD Athlon II N350 Dual-Core	1247	1843	NA	NA
AMD Athlon II N370 Dual-Core	1559	1680	NA	NA
AMD Athlon II Neo K125	467	2280	NA	NA
AMD Athlon II Neo K145	525	2231	NA	NA
AMD Athlon II Neo K325 Dual-Core	778	2103	29.96	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2069	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2099	NA	NA
AMD Athlon II P320 Dual-Core	1216	1857	40.61	\$29.95
AMD Athlon II P340 Dual-Core	1250	1840	27.83	\$44.95*
AMD Athlon II P360 Dual-Core	1321	1791	66.07	\$20.00
AMD Athlon II X2 210e	1486	1712	NA	NA
AMD Athlon II X2 215	1579	1673	131.77	\$11.99*
AMD Athlon II X2 220	1633	1646	50.76	\$32.19
AMD Athlon II X2 225	1526	1691	NA	NA
AMD Athlon II X2 235e	1657	1635	9.12	\$181.88*
AMD Athlon II X2 240	1643	1639	47.03	\$34.95
AMD Athlon II X2 240e	1698	1608	48.59	\$34.95*
AMD Athlon II X2 245	1683	1619	48.16	\$34.95*
AMD Athlon II X2 245e	1711	1599	21.39	\$80.00*
AMD Athlon II X2 250	1750	1580	44.94	\$38.95
AMD Athlon II X2 250e	1949	1486	25.41	\$76.73*
AMD Athlon II X2 250u	999	1978	25.03	\$39.95*
AMD Athlon II X2 255	1845	1537	28.29	\$65.22*
AMD Athlon II X2 260	1875	1528	39.08	\$48.00*
AMD Athlon II X2 260u	1106	1914	13.26	\$83.44*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 265	1881	1521	22.71	\$82.88*
AMD Athlon II X2 270	1990	1469	19.91	\$99.99*
AMD Athlon II X2 270u	1350	1775	19.96	\$67.67*
AMD Athlon II X2 280	2159	1401	21.59	\$99.99*
AMD Athlon II X2 4300e	1464	1720	NA	NA
AMD Athlon II X2 4400e	1618	1651	NA	NA
AMD Athlon II X2 4450e	1504	1705	NA	NA
AMD Athlon II X2 B22	1706	1601	81.26	\$21.00*
AMD Athlon II X2 B24	1783	1563	44.64	\$39.95*
AMD Athlon II X2 B26	1878	1523	31.32	\$59.97*
AMD Athlon II X2 B28	2112	1422	49.12	\$43.00*
AMD Athlon II X3 400e	2009	1461	18.70	\$107.43*
AMD Athlon II X3 405e	2034	1452	25.43	\$79.99*
AMD Athlon II X3 415e	2247	1371	29.97	\$75.00*
AMD Athlon II X3 420e	2286	1352	19.68	\$116.15*
AMD Athlon II X3 425	2319	1335	55.27	\$41.96*
AMD Athlon II X3 425e	2239	1376	NA	NA
AMD Athlon II X3 435	2470	1285	61.83	\$39.95*
AMD Athlon II X3 440	2568	1253	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	2583	1245	28.39	\$91.00*
AMD Athlon II X3 450	2630	1228	58.52	\$44.95*
AMD Athlon II X3 455	2771	1186	30.81	\$89.95*
AMD Athlon II X3 460	2858	1159	57.19	\$49.99*
AMD Athlon II X4 553	3814	893	NA	NA
AMD Athlon II X4 555	3830	888	NA	NA
AMD Athlon II X4 559	4167	824	NA	NA
AMD Athlon II X4 600e	2440	1294	18.74	\$130.23*
AMD Athlon II X4 605e	2743	1200	26.95	\$101.80*
AMD Athlon II X4 610e	2798	1179	39.98	\$69.99*
AMD Athlon II X4 615e	2901	1148	49.17	\$59.00*
AMD Athlon II X4 620	2941	1131	45.29	\$64.95*
AMD Athlon II X4 620e	2906	1142	NA	NA
AMD Athlon II X4 630	3138	1074	49.86	\$62.95
AMD Athlon II X4 631 Quad-Core	3156	1069	39.46	\$80.00
AMD Athlon II X4 635	3255	1036	46.54	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1052	NA	NA
AMD Athlon II X4 640	3317	1016	41.50	\$79.95
AMD Athlon II X4 641 Quad-Core	3361	1008	36.74	\$91.50*
AMD Athlon II X4 645	3481	974	34.84	\$99.95*
AMD Athlon II X4 650	3474	978	20.85	\$166.60*
AMD Athlon II X4 651 Quad-Core	3589	947	20.16	\$178.04*
AMD Athlon II X4 655	2880	1154	NA	NA
AMD Athlon II X4 6400e	2594	1240	NA	NA
AMD Athlon L110	306	2464	NA	NA
AMD Athlon LE-1600	567	2209	27.04	\$21.00*
AMD Athlon LE-1620	572	2205	31.83	\$18.00*
AMD Athlon LE-1640	626	2177	NA	NA
AMD Athlon LE-1660	676	2155	NA	NA
AMD Athlon MP	230	2569	4.20	\$54.95*
AMD Athlon MP 1700+	339	2428	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon MP 2400+	436	2317	NA	NA
AMD Athlon MP 2800+	497	2250	NA	NA
AMD Athlon Neo MV-40	410	2339	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	1975	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2104	NA	NA
AMD Athlon Neo X2 Dual Core L335	818	2088	NA	NA
AMD Athlon QI-46	473	2278	NA	NA
AMD Athlon TF-20	418	2333	NA	NA
AMD Athlon TF-36	358	2406	NA	NA
AMD Athlon X2 215	1511	1701	NA	NA
AMD Athlon X2 235e	1806	1555	NA	NA
AMD Athlon X2 240	1575	1677	NA	NA
AMD Athlon X2 240e	1670	1627	NA	NA
AMD Athlon X2 250	1696	1612	NA	NA
AMD Athlon X2 255	1627	1649	NA	NA
AMD Athlon X2 280	2303	1342	13.17	\$174.81*
AMD Athlon X2 340 Dual Core	1893	1513	63.13	\$29.99*
AMD Athlon X2 370K Dual Core	2251	1370	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	1741	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2102	NA	NA
AMD Athlon X2 Dual Core 6850e	998	1980	NA	NA
AMD Athlon X2 Dual Core BE-2300	931	2028	NA	NA
AMD Athlon X2 Dual Core BE-2350	1104	1915	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	1858	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1839	NA	NA
AMD Athlon X2 Dual Core L310	643	2168	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	1969	NA	NA
AMD Athlon X3 425	2191	1390	NA	NA
AMD Athlon X3 435	2574	1251	26.96	\$95.49*
AMD Athlon X3 440	2078	1437	23.62	\$87.99*
AMD Athlon X3 445	2314	1336	NA	NA
AMD Athlon X3 450	3064	1092	38.80	\$78.99*
AMD Athlon X3 455	2401	1309	NA	NA
AMD Athlon X4 605e	2505	1276	NA	NA
AMD Athlon X4 620	2861	1158	47.74	\$59.95
AMD Athlon X4 635	2891	1151	23.71	\$121.99*
AMD Athlon X4 640	3172	1058	NA	NA
AMD Athlon X4 645	3595	943	NA	NA
AMD Athlon X4 740 Quad Core	4011	850	14.48	\$277.00*
AMD Athlon X4 750 Quad Core	4551	752	NA	NA
AMD Athlon X4 750K Quad Core	4246	805	55.16	\$76.99*
AMD Athlon X4 760K Quad Core	4581	743	98.53	\$46.50
AMD Athlon X4 830	4701	718	NA	NA
AMD Athlon X4 840	5030	660	63.89	\$78.74*
AMD Athlon X4 845	5442	608	33.21	\$163.89
AMD Athlon X4 860K	5451	606	42.27	\$128.98
AMD Athlon X4 870K	5326	624	68.10	\$78.22*
AMD Athlon X4 880K	5599	583	19.64	\$285.14*
AMD Athlon X4 950	5351	620	86.68	\$61.74
AMD Athlon XP1600+	281	2509	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP1700+	234	2565	NA	NA
AMD Athlon XP1900+	353	2413	NA	NA
AMD Athlon XP2100+	287	2498	NA	NA
AMD Athlon XP2200+	401	2356	NA	NA
AMD Athlon XP2400+	391	2371	NA	NA
AMD Athlon XP 1500	282	2508	NA	NA
AMD Athlon XP 1500+	257	2539	NA	NA
AMD Athlon XP 1600+	267	2529	NA	NA
AMD Athlon XP 1700	344	2423	NA	NA
AMD Athlon XP 1700+	271	2524	NA	NA
AMD Athlon XP 1800+	300	2476	5.09	\$58.95*
AMD Athlon XP 1900+	312	2455	NA	NA
AMD Athlon XP 2000+	299	2477	12.00	\$24.99*
AMD Athlon XP 2100+	323	2439	NA	NA
AMD Athlon XP 2200+	328	2437	3.87	\$84.95*
AMD Athlon XP 2300+	464	2285	NA	NA
AMD Athlon XP 2400+	360	2405	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	2410	NA	NA
AMD Athlon XP 2600+	372	2389	16.18	\$23.03*
AMD Athlon XP 2700+	393	2367	4.64	\$84.79*
AMD Athlon XP 2800+	398	2360	NA	NA
AMD Athlon XP 2900+	459	2290	NA	NA
AMD Athlon XP 3000+	402	2355	5.15	\$78.00*
AMD Athlon XP 3100+	433	2324	NA	NA
AMD Athlon XP 3200+	433	2325	NA	NA
AMD Athlon XP 3400+	570	2207	NA	NA
AMD Athlon XP Pro3+	367	2396	NA	NA
AMD Athlon XP-M	541	2221	15.48	\$34.95*
AMD C-30	310	2458	NA	NA
AMD C-50	463	2286	NA	NA
AMD C-60	476	2276	NA	NA
AMD C-60 APU	545	2216	NA	NA
AMD C-70 APU	568	2208	NA	NA
AMD E1 Micro-6200T APU	960	2008	NA	NA
AMD E1-1200 APU	661	2159	NA	NA
AMD E1-1500 APU	685	2148	NA	NA
AMD E1-2100 APU	631	2174	NA	NA
AMD E1-2200 APU	767	2108	NA	NA
AMD E1-2500 APU	888	2054	NA	NA
AMD E1-6010 APU	854	2070	NA	NA
AMD E1-6015 APU	899	2050	NA	NA
AMD E1-7010 APU	1000	1977	NA	NA
AMD E2-1800 APU	820	2087	NA	NA
AMD E2-2000 APU	827	2083	NA	NA
AMD E2-3000 APU	1088	1927	NA	NA
AMD E2-3000M APU	1092	1924	54.63	\$20.00*
AMD E2-3200 APU	1440	1735	180.24	\$7.99*
AMD E2-3800 APU	1643	1640	NA	NA
AMD E2-6110 APU	1901	1507	NA	NA
AMD E2-7110 APU	2288	1350	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E2-9000	1819	1553	NA	NA
AMD E2-9000e	1362	1771	NA	NA
AMD E2-9010	1837	1543	NA	NA
AMD E-240	318	2445	NA	NA
AMD E-300 APU	612	2182	NA	NA
AMD E-350	747	2118	NA	NA
AMD E-350 APU	770	2107	NA	NA
AMD E-350D APU	727	2127	NA	NA
AMD E-450 APU	766	2109	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1581	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1433	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2512	1272	NA	NA
AMD Embedded R-Series RX-216GD	2409	1306	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	654	NA	NA
AMD Embedded R-Series RX-421BD	4635	731	NA	NA
AMD EPYC 7251 8-Core	10771	176	20.53	\$524.68
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD EPYC 7351P	17991	48	22.95	\$784.05
AMD EPYC 7401P	18465	42	17.18	\$1,075.00
AMD EPYC 7501	18942	38	5.19	\$3,649.99
AMD EPYC 7551	19003	37	5.14	\$3,699.99
AMD FirePro A320 APU	4540	754	NA	NA
AMD FX-670K Quad-Core	4505	758	NA	NA
AMD FX-770K Quad-Core	4769	710	NA	NA
AMD FX-870K Quad Core	5143	639	NA	NA
AMD FX-4100 Quad-Core	4060	838	31.24	\$129.99
AMD FX-4130 Quad-Core	4167	825	52.75	\$78.99*
AMD FX-4150 Quad-Core	4594	741	NA	NA
AMD FX-4170 Quad-Core	4850	692	33.77	\$143.61*
AMD FX-4200 Quad-Core	4236	806	18.56	\$228.21*
AMD FX-4300 Quad-Core	4673	723	64.03	\$72.99
AMD FX-4320	5009	667	NA	NA
AMD FX-4330	5222	633	NA	NA
AMD FX-4350 Quad-Core	5340	623	24.97	\$213.89
AMD FX-6100 Six-Core	5372	614	28.28	\$189.99
AMD FX-6120 Six-Core	5747	566	NA	NA
AMD FX-6130 Six-Core	6215	512	NA	NA
AMD FX-6200 Six-Core	6112	528	44.79	\$136.48
AMD FX-6300 Six-Core	6380	506	82.32	\$77.50
AMD FX-6330 Six-Core	6935	454	NA	NA
AMD FX-6350 Six-Core	6983	449	62.33	\$112.03
AMD FX-7500 APU	3219	1044	NA	NA
AMD FX-7600P	4051	840	NA	NA
AMD FX-7600P APU	4627	733	NA	NA
AMD FX-8100 Eight-Core	6018	535	42.39	\$142.00*
AMD FX-8120 Eight-Core	6594	481	36.64	\$179.99
AMD FX-8140 Eight-Core	5854	550	NA	NA
AMD FX-8150 Eight-Core	7621	397	35.45	\$214.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8300 Eight-Core	7712	389	76.83	\$100.39
AMD FX-8310 Eight-Core	7750	386	NA	NA
AMD FX-8320 Eight-Core	8022	364	84.46	\$94.99
AMD FX-8320E Eight-Core	7530	402	64.37	\$116.99
AMD FX-8350 Eight-Core	8949	301	78.54	\$113.95
AMD FX-8370 Eight-Core	9024	294	53.12	\$169.90
AMD FX-8370E Eight-Core	7806	379	39.43	\$197.99
AMD FX-8800P	4163	826	NA	NA
AMD FX-9370 Eight-Core	9513	251	39.77	\$239.19
AMD FX-9590 Eight-Core	10193	199	81.58	\$124.95
AMD FX-9800P	4014	847	NA	NA
AMD FX-9830P	4791	707	NA	NA
AMD FX-B4150 Quad-Core	4611	736	NA	NA
AMD G-T40E	485	2263	NA	NA
AMD G-T40N	516	2237	NA	NA
AMD G-T44R	227	2571	NA	NA
AMD G-T48E	716	2132	NA	NA
AMD G-T52R	303	2470	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T56E	751	2116	NA	NA
AMD G-T56N	783	2100	NA	NA
AMD Geode NX	264	2532	NA	NA
AMD Geode NX 1750	291	2487	NA	NA
AMD GX-210JA SOC	401	2357	NA	NA
AMD GX-212JC SOC	744	2120	NA	NA
AMD GX-217GA SOC	1097	1917	NA	NA
AMD GX-218GL SOC	1115	1906	NA	NA
AMD GX-222GC SOC	1255	1836	NA	NA
AMD GX-412HC	1497	1708	NA	NA
AMD GX-415GA SOC	1929	1497	NA	NA
AMD GX-420CA SOC	2299	1345	NA	NA
AMD GX-424CC SOC	2476	1284	NA	NA
AMD K7	403	2352	NA	NA
AMD Opteron 140	396	2362	0.67	\$595.50*
AMD Opteron 142	428	2329	NA	NA
AMD Opteron 144	486	2262	7.48	\$65.00*
AMD Opteron 146	532	2227	8.87	\$59.99*
AMD Opteron 148	603	2189	NA	NA
AMD Opteron 150	604	2187	NA	NA
AMD Opteron 152	658	2160	NA	NA
AMD Opteron 154	703	2143	NA	NA
AMD Opteron 165	899	2051	16.65	\$53.99*
AMD Opteron 170	1097	1919	NA	NA
AMD Opteron 175	1167	1883	NA	NA
AMD Opteron 180	1228	1850	9.45	\$129.95
AMD Opteron 185	1360	1772	NA	NA
AMD Opteron 246	632	2173	12.64	\$49.99
AMD Opteron 248	476	2275	39.73	\$12.00
AMD Opteron 250	649	2164	59.01	\$11.00
AMD Opteron 252	760	2112	12.00	\$63.36*
AMD Opteron 254	693	2146	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 256	963	2004	50.72	\$19.00*
AMD Opteron 265	963	2005	6.02	\$159.95*
AMD Opteron 270	1083	1930	1.78	\$607.47*
AMD Opteron 275	1291	1811	11.74	\$109.95
AMD Opteron 280	1272	1827	1.60	\$796.67*
AMD Opteron 285	1470	1717	NA	NA
AMD Opteron 290	1464	1719	10.85	\$135.00*
AMD Opteron 1210	923	2036	NA	NA
AMD Opteron 1210 HE	971	1996	NA	NA
AMD Opteron 1212	1009	1970	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1796	NA	NA
AMD Opteron 1214	1191	1869	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1802	NA	NA
AMD Opteron 1216	1311	1794	23.91	\$54.85*
AMD Opteron 1216 HE	1172	1880	NA	NA
AMD Opteron 1218	1468	1718	NA	NA
AMD Opteron 1218 HE	1444	1733	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1220	1653	1637	NA	NA
AMD Opteron 1222	1757	1576	NA	NA
AMD Opteron 1352	2368	1319	17.42	\$135.99*
AMD Opteron 1354	2608	1236	8.41	\$309.97*
AMD Opteron 1356	2765	1191	30.73	\$89.99*
AMD Opteron 1381	3065	1091	NA	NA
AMD Opteron 2212	1270	1829	105.89	\$12.00
AMD Opteron 2214	1358	1773	2.39	\$569.00*
AMD Opteron 2214 HE	1415	1744	NA	NA
AMD Opteron 2216	1518	1698	8.53	\$178.00
AMD Opteron 2218	1594	1666	49.18	\$32.42*
AMD Opteron 2220	1701	1607	1.15	\$1,475.16
AMD Opteron 2220 SE	1398	1751	73.58	\$19.00
AMD Opteron 2222	1843	1539	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1499	NA	NA
AMD Opteron 2350	2820	1169	10.45	\$269.99*
AMD Opteron 2356	2814	1174	188.25	\$14.95
AMD Opteron 2373 EE	2789	1181	NA	NA
AMD Opteron 2374 HE	2951	1127	15.53	\$189.99*
AMD Opteron 2376	2283	1355	152.20	\$15.00
AMD Opteron 2378	3179	1056	17.76	\$179.00*
AMD Opteron 2380	2640	1225	105.64	\$25.00*
AMD Opteron 2384	3538	961	4.21	\$840.00*
AMD Opteron 2386 SE	3538	962	NA	NA
AMD Opteron 2393 SE	2246	1372	NA	NA
AMD Opteron 2427	3069	1089	32.26	\$95.14*
AMD Opteron 2431	4516	756	112.91	\$40.00
AMD Opteron 2435	4708	716	39.11	\$120.40*
AMD Opteron 3260 HE	3259	1033	NA	NA
AMD Opteron 3280	5286	629	19.35	\$273.18*
AMD Opteron 3320 EE	2675	1218	NA	NA
AMD Opteron 3350 HE	4009	851	NA	NA
AMD Opteron 3365	5929	542	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 3380	6384	505	7.89	\$809.00*
AMD Opteron 4122	2942	1130	11.32	\$259.95
AMD Opteron 4162 EE	3166	1059	NA	NA
AMD Opteron 4184	4418	773	8.50	\$519.95*
AMD Opteron 4280	6430	499	14.09	\$456.44*
AMD Opteron 4284	6660	475	18.64	\$357.30*
AMD Opteron 4332 HE	5614	579	NA	NA
AMD Opteron 4334	6133	523	28.34	\$216.42*
AMD Opteron 4365 EE	5025	663	NA	NA
AMD Opteron 6128	4505	759	19.17	\$235.00
AMD Opteron 6134	2938	1132	4.93	\$595.95*
AMD Opteron 6136	4631	732	12.90	\$359.00
AMD Opteron 6164 HE	5351	621	NA	NA
AMD Opteron 6174	6171	519	1.64	\$3,768.94
AMD Opteron 6212	5776	561	27.57	\$209.50*
AMD Opteron 6234	5979	537	14.95	\$399.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6238	7316	421	6.72	\$1,088.11*
AMD Opteron 6272	6748	468	20.77	\$325.00
AMD Opteron 6274	4865	690	5.35	\$908.95*
AMD Opteron 6276	9011	295	26.81	\$336.18
AMD Opteron 6282 SE	9116	287	8.36	\$1,089.99*
AMD Opteron 6287 SE	9789	234	NA	NA
AMD Opteron 6328	7813	378	15.44	\$505.99
AMD Opteron 6366 HE	7503	404	NA	NA
AMD Opteron 6376	9414	261	14.98	\$628.45
AMD Opteron 6378	2152	1403	5.40	\$399.00
AMD Opteron 6380	10143	205	26.02	\$389.86
AMD Opteron 6386 SE	10748	179	4.46	\$2,407.51*
AMD Opteron 8354	2255	1369	187.96	\$12.00
AMD Opteron 8439 SE	3813	894	NA	NA
AMD Opteron X3216 APU	2355	1323	NA	NA
AMD Opteron X3421 APU	5024	664	NA	NA
AMD Phenom 2 X4 12000	3005	1110	NA	NA
AMD Phenom 7950 Quad-Core	2991	1115	NA	NA
AMD Phenom 8250 Triple-Core	1644	1638	NA	NA
AMD Phenom 8250e Triple-Core	1619	1650	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1641	1641	NA	NA
AMD Phenom 8450 Triple-Core	1887	1516	63.03	\$29.95*
AMD Phenom 8450e Triple-Core	2036	1449	NA	NA
AMD Phenom 8600 Triple-Core	1697	1609	32.04	\$52.99*
AMD Phenom 8600B Triple-Core	1945	1487	36.71	\$52.99*
AMD Phenom 8650 Triple-Core	1994	1468	39.89	\$49.99*
AMD Phenom 8750 Triple-Core	2055	1442	NA	NA
AMD Phenom 8750B Triple-Core	2034	1451	NA	NA
AMD Phenom 8850 Triple-Core	2026	1453	NA	NA
AMD Phenom 8850B Triple-Core	2080	1436	NA	NA
AMD Phenom 9100e Quad-Core	1838	1542	46.03	\$39.95*
AMD Phenom 9150e Quad-Core	2116	1420	52.98	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1333	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1231	24.96	\$105.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9500 Quad-Core	2210	1385	24.58	\$89.96*
AMD Phenom 9550 Quad-Core	2541	1257	63.62	\$39.95*
AMD Phenom 9600 Quad-Core	2306	1338	46.17	\$49.95*
AMD Phenom 9600B Quad-Core	2580	1247	17.53	\$147.19*
AMD Phenom 9650 Quad-Core	2640	1226	48.05	\$54.95
AMD Phenom 9750 Quad-Core	2820	1171	47.04	\$59.95
AMD Phenom 9750B Quad-Core	2709	1208	NA	NA
AMD Phenom 9850 Quad-Core	2897	1150	57.95	\$50.00*
AMD Phenom 9850B Quad-Core	3160	1068	NA	NA
AMD Phenom 9950 Quad-Core	3014	1107	16.75	\$179.98*
AMD Phenom FX-5000 Quad-Core	2518	1268	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1128	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	939	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	973	NA	NA
AMD Phenom II N620 Dual-Core	1677	1620	42.10	\$39.86*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II N640 Dual-Core	1740	1585	26.80	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1535	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1222	NA	NA
AMD Phenom II N830 Triple-Core	1885	1518	NA	NA
AMD Phenom II N850 Triple-Core	1933	1495	77.34	\$25.00*
AMD Phenom II N870 Triple-Core	1980	1474	NA	NA
AMD Phenom II N930 Quad-Core	2269	1364	22.72	\$99.86*
AMD Phenom II N950 Quad-Core	2488	1280	22.10	\$112.60*
AMD Phenom II N970 Quad-Core	2518	1267	16.79	\$149.99*
AMD Phenom II P650 Dual-Core	1603	1662	45.81	\$35.00*
AMD Phenom II P820 Triple-Core	1611	1656	NA	NA
AMD Phenom II P840 Triple-Core	1731	1589	NA	NA
AMD Phenom II P860 Triple-Core	1759	1574	NA	NA
AMD Phenom II P920 Quad-Core	1881	1522	25.08	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1551	NA	NA
AMD Phenom II P960 Quad-Core	2092	1431	74.73	\$28.00*
AMD Phenom II X2 511	2104	1425	NA	NA
AMD Phenom II X2 521	2091	1432	NA	NA
AMD Phenom II X2 545	1905	1502	38.16	\$49.95*
AMD Phenom II X2 550	2025	1454	15.18	\$133.39*
AMD Phenom II X2 555	2041	1447	6.81	\$299.95*
AMD Phenom II X2 560	2052	1443	18.67	\$109.95*
AMD Phenom II X2 565	2211	1384	17.70	\$124.95*
AMD Phenom II X2 570	1960	1479	NA	NA
AMD Phenom II X2 B53	1670	1628	NA	NA
AMD Phenom II X2 B55	1934	1494	40.30	\$48.00*
AMD Phenom II X2 B57	1884	1519	NA	NA
AMD Phenom II X2 B59	2148	1406	43.01	\$49.95*
AMD Phenom II X3 700e	2285	1354	NA	NA
AMD Phenom II X3 705e	2227	1380	14.63	\$152.34*
AMD Phenom II X3 710	2446	1292	28.94	\$84.53*
AMD Phenom II X3 715	2649	1224	31.17	\$84.99*
AMD Phenom II X3 720	2683	1216	35.78	\$74.99*
AMD Phenom II X3 740	3002	1111	33.75	\$88.99*
AMD Phenom II X3 B73	2735	1203	36.47	\$75.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 B75	2946	1129	NA	NA
AMD Phenom II X3 B77	3067	1090	NA	NA
AMD Phenom II X4 805	2997	1113	17.23	\$173.99*
AMD Phenom II X4 810	3131	1075	27.00	\$115.99*
AMD Phenom II X4 820	3419	989	45.62	\$74.95
AMD Phenom II X4 830	3445	984	43.10	\$79.95*
AMD Phenom II X4 840	3515	967	39.08	\$89.95*
AMD Phenom II X4 840T	3616	940	45.23	\$79.95*
AMD Phenom II X4 850	3545	958	31.81	\$111.49*
AMD Phenom II X4 900e	2882	1152	NA	NA
AMD Phenom II X4 905e	3084	1084	14.52	\$212.38*
AMD Phenom II X4 910	3265	1029	32.66	\$100.00*
AMD Phenom II X4 910e	3260	1032	20.77	\$156.99*
AMD Phenom II X4 920	3403	995	51.58	\$65.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 925	3429	988	21.43	\$159.99*
AMD Phenom II X4 940	3601	942	30.02	\$119.99
AMD Phenom II X4 945	3676	931	12.77	\$287.89*
AMD Phenom II X4 955	3942	865	30.29	\$130.16*
AMD Phenom II X4 960T	3804	897	28.19	\$134.99*
AMD Phenom II X4 965	4201	814	64.69	\$64.95
AMD Phenom II X4 970	4359	787	25.36	\$171.91*
AMD Phenom II X4 973	3759	912	NA	NA
AMD Phenom II X4 975	4494	762	34.57	\$129.99*
AMD Phenom II X4 977	3750	916	NA	NA
AMD Phenom II X4 980	4504	760	32.96	\$136.64*
AMD Phenom II X4 8700e	2377	1316	NA	NA
AMD Phenom II X4 B05e	2781	1183	NA	NA
AMD Phenom II X4 B15e	2736	1202	NA	NA
AMD Phenom II X4 B25	3430	987	NA	NA
AMD Phenom II X4 B35	3381	1002	NA	NA
AMD Phenom II X4 B40	3400	996	NA	NA
AMD Phenom II X4 B45	3466	980	NA	NA
AMD Phenom II X4 B50	3704	924	NA	NA
AMD Phenom II X4 B55	3867	879	NA	NA
AMD Phenom II X4 B60	4046	841	NA	NA
AMD Phenom II X4 B65	4177	821	NA	NA
AMD Phenom II X4 B70	4261	803	NA	NA
AMD Phenom II X4 B93	3361	1007	NA	NA
AMD Phenom II X4 B95	3722	919	51.03	\$72.95*
AMD Phenom II X4 B97	3911	871	48.93	\$79.95*
AMD Phenom II X4 B99	4130	833	NA	NA
AMD Phenom II X6 1035T	4677	722	24.75	\$189.00*
AMD Phenom II X6 1045T	4831	698	27.61	\$175.00*
AMD Phenom II X6 1055T	4982	670	26.93	\$185.00*
AMD Phenom II X6 1065T	5079	652	NA	NA
AMD Phenom II X6 1075T	5364	618	20.63	\$259.99*
AMD Phenom II X6 1090T	5600	582	14.14	\$396.08*
AMD Phenom II X6 1100T	5758	563	24.61	\$233.99*
AMD Phenom II X6 1405T	5042	659	NA	NA
AMD Phenom II X620 Dual-Core	2189	1391	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X640 Dual-Core	2021	1455	NA	NA
AMD Phenom II X920 Quad-Core	2638	1227	NA	NA
AMD Phenom II X940 Quad-Core	2695	1212	NA	NA
AMD Phenom Ultra X4 24500	3945	864	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1610	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1386	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1578	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1875	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1738	NA	NA
AMD Phenom X3 8550	1930	1496	11.36	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1575	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1467	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1377	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-9730	2812	1175	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1206	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1213	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1861	NA	NA
AMD PRO A4-3350B APU	2833	1164	NA	NA
AMD PRO A4-8350B	2881	1153	NA	NA
AMD PRO A6-7350B	2759	1193	NA	NA
AMD PRO A6-8500B	2516	1269	NA	NA
AMD PRO A6-8530B	2435	1295	NA	NA
AMD PRO A6-8550B	3018	1105	NA	NA
AMD PRO A6-8570	3049	1098	NA	NA
AMD PRO A6-8570E	2906	1143	NA	NA
AMD PRO A6-9500	3262	1030	44.09	\$74.00*
AMD PRO A6-9500B	2303	1340	NA	NA
AMD PRO A6-9500E	2752	1195	37.20	\$74.00*
AMD PRO A8-8600B	3812	895	NA	NA
AMD PRO A8-8650B	5457	605	NA	NA
AMD PRO A8-9600	5321	626	44.72	\$119.00*
AMD PRO A8-9600B	4023	845	NA	NA
AMD PRO A10-8700B	3595	944	NA	NA
AMD PRO A10-8730B	3837	883	NA	NA
AMD PRO A10-8750B	5646	576	NA	NA
AMD PRO A10-8770	5742	568	NA	NA
AMD PRO A10-8770E	4881	687	NA	NA
AMD PRO A10-8850B	5852	552	NA	NA
AMD PRO A10-9700	5640	577	33.37	\$169.00*
AMD PRO A10-9700B	4393	776	NA	NA
AMD PRO A10-9700E	4949	676	35.61	\$139.00*
AMD PRO A12-8800B	4193	816	NA	NA
AMD PRO A12-8830B	4192	817	NA	NA
AMD PRO A12-8870	6177	517	NA	NA
AMD PRO A12-8870E	4814	701	NA	NA
AMD PRO A12-9800	6199	513	36.68	\$169.00*
AMD PRO A12-9800B	4336	792	NA	NA
AMD PRO A12-9800E	4812	702	28.47	\$169.00*
AMD QC-4000	1657	1636	NA	NA
AMD R-260H APU	1576	1674	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD R-460L APU	1954	1481	NA	NA
AMD R-464L APU	3026	1102	NA	NA
AMD RX-427BB	4498	761	NA	NA
AMD Ryzen 3 1200	6848	460	73.56	\$93.10
AMD Ryzen 3 1300X	7540	401	65.58	\$114.99
AMD Ryzen 3 2200G	7401	414	74.03	\$99.99
AMD Ryzen 3 2200U	5439	609	NA	NA
AMD Ryzen 3 PRO 1200	7132	437	NA	NA
AMD Ryzen 3 PRO 1300	8270	343	NA	NA
AMD Ryzen 5 1400	8422	336	58.96	\$142.86
AMD Ryzen 5 1500X	10763	178	67.28	\$159.99
AMD Ryzen 5 1600	12388	141	70.20	\$176.47
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 1600X	13252	125	66.26	\$199.99
AMD Ryzen 5 2400G	9401	263	57.72	\$162.89
AMD Ryzen 5 2500U	7774	383	NA	NA
AMD Ryzen 5 PRO 1500	10868	173	NA	NA
AMD Ryzen 5 PRO 1600	12213	147	NA	NA
AMD Ryzen 7 1700	13751	116	49.11	\$279.99
AMD Ryzen 7 1700X	14630	94	52.44	\$279.00
AMD Ryzen 7 1800X	15409	82	48.15	\$320.00
AMD Ryzen 7 2700U	7255	426	NA	NA
AMD Ryzen 7 PRO 1700	14859	91	NA	NA
AMD Ryzen 7 PRO 1700X	15221	86	NA	NA
AMD Ryzen Threadripper 1900X	15577	80	34.66	\$449.50
AMD Ryzen Threadripper 1920X	18200	44	27.21	\$668.90
AMD Ryzen Threadripper 1950X	21957	15	25.28	\$868.50
AMD Sempron 130	656	2162	26.29	\$24.99*
AMD Sempron 140	737	2122	18.63	\$39.59*
AMD Sempron 145	813	2093	8.57	\$94.92
AMD Sempron 150	707	2139	15.74	\$44.95
AMD Sempron 200U	267	2528	3.08	\$87.00*
AMD Sempron 210U	382	2377	NA	NA
AMD Sempron 2100+	392	2369	NA	NA
AMD Sempron 2200+	281	2512	9.38	\$29.99*
AMD Sempron 2300+	318	2446	7.07	\$45.00*
AMD Sempron 2400+	313	2454	11.62	\$27.00*
AMD Sempron 2500+	335	2430	4.20	\$79.95*
AMD Sempron 2600+	374	2387	12.49	\$29.95
AMD Sempron 2650 APU	941	2020	16.49	\$57.08
AMD Sempron 2800+	384	2376	7.34	\$52.36
AMD Sempron 3000+	408	2342	8.19	\$49.95
AMD Sempron 3100+	452	2299	7.53	\$60.00*
AMD Sempron 3200+	404	2350	31.12	\$13.00*
AMD Sempron 3300+	484	2269	16.14	\$30.00
AMD Sempron 3400+	453	2298	15.15	\$29.91
AMD Sempron 3500+	384	2375	19.23	\$20.00
AMD Sempron 3600+	489	2257	40.78	\$12.00
AMD Sempron 3800+	554	2214	26.39	\$21.00
AMD Sempron 3850 APU	1707	1600	25.53	\$66.88
AMD Sempron Dual Core 2100	924	2035	23.69	\$39.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron Dual Core 2200	995	1984	NA	NA
AMD Sempron Dual Core 2300	982	1993	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2016	NA	NA
AMD Sempron Dual Core 4900	1081	1932	NA	NA
AMD Sempron LE-250	490	2255	NA	NA
AMD Sempron LE-1100	436	2319	NA	NA
AMD Sempron LE-1150	449	2302	NA	NA
AMD Sempron LE-1200	526	2230	NA	NA
AMD Sempron LE-1250	541	2220	6.77	\$79.95
AMD Sempron LE-1300	606	2184	40.41	\$15.00
AMD Sempron LE-1600	535	2226	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron LE-1620	635	2172	NA	NA
AMD Sempron LE-1640	759	2113	NA	NA
AMD Sempron M100	558	2212	46.58	\$12.00
AMD Sempron M120	580	2200	NA	NA
AMD Sempron SI-40	443	2310	36.93	\$12.00
AMD Sempron SI-42	453	2297	37.81	\$12.00
AMD Sempron X2 180	1222	1854	17.62	\$69.40*
AMD Sempron X2 190	1529	1688	18.33	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1745	NA	NA
AMD Turion 64 Mobile MK-36	465	2282	NA	NA
AMD Turion 64 Mobile MK-38	513	2238	NA	NA
AMD Turion 64 Mobile ML-28	390	2372	NA	NA
AMD Turion 64 Mobile ML-30	402	2354	NA	NA
AMD Turion 64 Mobile ML-32	410	2340	NA	NA
AMD Turion 64 Mobile ML-34	425	2331	NA	NA
AMD Turion 64 Mobile ML-37	447	2307	2.28	\$196.50*
AMD Turion 64 Mobile ML-40	520	2234	NA	NA
AMD Turion 64 Mobile ML-42	615	2180	NA	NA
AMD Turion 64 Mobile ML-44	591	2192	NA	NA
AMD Turion 64 Mobile MT-28	419	2332	NA	NA
AMD Turion 64 Mobile MT-30	378	2380	NA	NA
AMD Turion 64 Mobile MT-32	426	2330	NA	NA
AMD Turion 64 Mobile MT-34	429	2327	NA	NA
AMD Turion 64 Mobile MT-37	484	2268	NA	NA
AMD Turion 64 Mobile MT-40	536	2223	NA	NA
AMD Turion 64 X2 Mobile TL-50	753	2115	15.08	\$49.99*
AMD Turion 64 X2 Mobile TL-52	762	2110	NA	NA
AMD Turion 64 X2 Mobile TL-56	884	2055	44.21	\$20.00*
AMD Turion 64 X2 Mobile TL-58	940	2022	NA	NA
AMD Turion 64 X2 Mobile TL-60	990	1988	54.86	\$18.05*
AMD Turion 64 X2 Mobile TL-62	1096	1920	3.53	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1115	1905	28.32	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1112	1908	2.94	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1149	1892	12.77	\$90.00*
AMD Turion Dual-Core RM-70	895	2053	59.70	\$15.00*
AMD Turion Dual-Core RM-72	860	2065	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	1966	NA	NA
AMD Turion Dual-Core RM-75	961	2006	41.90	\$22.95*
AMD Turion II Dual-Core Mobile M500	1295	1804	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II Dual-Core Mobile M520	1306	1797	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1783	NA	NA
AMD Turion II N530 Dual-Core	1583	1669	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1695	NA	NA
AMD Turion II Neo K625 Dual-Core	973	1995	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	1872	NA	NA
AMD Turion II Neo N40L Dual-Core	918	2041	NA	NA
AMD Turion II Neo N54L Dual-Core	1378	1760	NA	NA
AMD Turion II P520 Dual-Core	1362	1770	NA	NA
AMD Turion II P540 Dual-Core	1445	1732	28.94	\$49.96*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II P560 Dual-Core	1511	1702	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1408	1746	51.39	\$27.40*
AMD Turion II Ultra Dual-Core Mobile M620	1427	1740	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1629	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1687	NA	NA
AMD Turion Neo X2 Dual Core L625	815	2090	NA	NA
AMD Turion X2 Dual Core L510	923	2037	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2067	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	1941	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	989	1989	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1089	1925	4.86	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1056	1943	42.34	\$24.95*
AMD Turion X2 Dual-Core Mobile RM-75	1145	1897	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1230	1849	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1017	1965	72.67	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1081	1934	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	1859	94.53	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	1847	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1803	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1348	1777	33.76	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	1982	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	1958	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1726	NA	NA
AMD V105	286	2499	NA	NA
AMD V120	622	2179	NA	NA
AMD V140	643	2170	49.47	\$13.00*
AMD V160	681	2152	NA	NA
AMD Z-01	523	2232	NA	NA
AMD Z-60 APU	485	2265	NA	NA
AMD-K6 3D	90	2650	NA	NA
AMD-K6-III	108	2647	NA	NA
AMD-K7	403	2353	NA	NA
Athlon 64 Dual Core 3800+	1234	1848	NA	NA
Athlon 64 Dual Core 4200+	1156	1888	NA	NA
Athlon 64 Dual Core 4800+	1370	1763	NA	NA
Athlon 64 Dual Core 5000+	1507	1703	NA	NA
Athlon 64 Dual Core 5400+	1614	1654	NA	NA
Athlon 64 Dual Core 5600+	1548	1682	NA	NA
Athlon Dual Core 4050e	968	2000	NA	NA
Athlon Dual Core 4450e	1081	1933	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Athlon Dual Core 4850e	1327	1788	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1163	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1088	1926	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1174	1876	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1209	1862	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	1823	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1864	NA	NA
HP Hexa-Core 2.0GHz	2178	1394	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2068	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel 1400 @ 1.83GHz	980	1994	NA	NA
Intel 1500 @ 2.00GHz	1024	1961	NA	NA
Intel Atom 230 @ 1.60GHz	307	2463	NA	NA
Intel Atom 330 @ 1.60GHz	590	2193	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2052	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2007	NA	NA
Intel Atom C2550 @ 2.40GHz	2329	1330	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1399	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3805	896	16.40	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1011	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1062	14.72	\$214.86*
Intel Atom C3558 @ 2.20GHz	2538	1259	29.52	\$86.00*
Intel Atom C3955 @ 2.10GHz	5803	558	13.37	\$434.00*
Intel Atom D410 @ 1.66GHz	303	2471	0.48	\$635.99*
Intel Atom D425 @ 1.80GHz	340	2426	0.34	\$992.98*
Intel Atom D510 @ 1.66GHz	653	2163	6.73	\$97.16*
Intel Atom D525 @ 1.80GHz	703	2142	NA	NA
Intel Atom D2500 @ 1.86GHz	406	2347	NA	NA
Intel Atom D2550 @ 1.86GHz	675	2156	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2135	NA	NA
Intel Atom D2700 @ 2.13GHz	840	2077	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2130	NA	NA
Intel Atom E660 @ 1.30GHz	271	2525	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2420	NA	NA
Intel Atom E3815 @ 1.46GHz	362	2404	2.15	\$169.00
Intel Atom E3825 @ 1.33GHz	564	2211	8.03	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2258	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2072	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	1886	NA	NA
Intel Atom E3845 @ 1.91GHz	1489	1711	NA	NA
Intel Atom E3950 @ 1.60GHz	2034	1450	NA	NA
Intel Atom K510 @ 1.66GHz	658	2161	NA	NA
Intel Atom N270 @ 1.60GHz	270	2526	NA	NA
Intel Atom N280 @ 1.66GHz	283	2504	NA	NA
Intel Atom N435 @ 1.33GHz	236	2564	NA	NA
Intel Atom N450 @ 1.66GHz	300	2475	NA	NA
Intel Atom N455 @ 1.66GHz	284	2501	NA	NA
Intel Atom N470 @ 1.83GHz	307	2462	NA	NA
Intel Atom N475 @ 1.83GHz	314	2451	NA	NA
Intel Atom N550 @ 1.50GHz	523	2233	6.09	\$86.00*
Intel Atom N570 @ 1.66GHz	574	2204	6.68	\$86.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N2100 @ 1.60GHz	309	2459	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2229	NA	NA
Intel Atom N2800 @ 1.86GHz	628	2176	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2042	14.32	\$64.00*
Intel Atom x5-E3930 @ 1.30GHz	811	2094	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1609	1657	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1203	1866	9.05	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1005	1974	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom x5-Z8350 @ 1.44GHz	1289	1813	61.38	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1690	1615	27.02	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1867	1530	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1911	1501	25.95	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1937	1492	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2601	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2580	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2583	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2511	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2417	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2378	NA	NA
Intel Atom Z670 @ 1.50GHz	249	2550	NA	NA
Intel Atom Z2760 @ 1.80GHz	567	2210	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2043	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2032	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	906	2048	5.00	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2046	NA	NA
Intel Atom Z3736F @ 1.33GHz	920	2040	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	1940	NA	NA
Intel Atom Z3740D @ 1.33GHz	1020	1963	NA	NA
Intel Atom Z3745 @ 1.33GHz	1071	1937	NA	NA
Intel Atom Z3745D @ 1.33GHz	1019	1964	NA	NA
Intel Atom Z3770 @ 1.46GHz	1243	1844	8.32	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2096	NA	NA
Intel Atom Z3775 @ 1.46GHz	1253	1838	35.81	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1822	NA	NA
Intel Atom Z3795 @ 1.60GHz	1772	1568	NA	NA
Intel Celeron 1.70GHz	130	2640	NA	NA
Intel Celeron 1.80GHz	136	2637	NA	NA
Intel Celeron 2.00GHz	184	2610	NA	NA
Intel Celeron 2.10GHz	244	2557	NA	NA
Intel Celeron 2.13GHz	208	2590	NA	NA
Intel Celeron 2.20GHz	213	2585	NA	NA
Intel Celeron 2.26GHz	223	2575	NA	NA
Intel Celeron 2.30GHz	227	2572	NA	NA
Intel Celeron 2.40GHz	217	2581	NA	NA
Intel Celeron 2.50GHz	247	2552	NA	NA
Intel Celeron 2.53GHz	245	2555	NA	NA
Intel Celeron 2.60GHz	238	2561	NA	NA
Intel Celeron 2.66GHz	252	2546	NA	NA
Intel Celeron 2.70GHz	245	2556	NA	NA
Intel Celeron 2.80GHz	254	2542	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.93GHz	285	2500	NA	NA
Intel Celeron 3.06GHz	283	2505	NA	NA
Intel Celeron 3.20GHz	288	2492	NA	NA
Intel Celeron 3.33GHz	333	2433	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2441	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2444	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2300	12.96	\$34.78*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 430 @ 1.80GHz	492	2252	10.94	\$45.00
Intel Celeron 440 @ 2.00GHz	543	2218	6.80	\$79.95
Intel Celeron 450 @ 2.20GHz	629	2175	NA	NA
Intel Celeron 530 @ 1.73GHz	465	2283	20.23	\$23.00*
Intel Celeron 540 @ 1.86GHz	511	2241	NA	NA
Intel Celeron 550 @ 2.00GHz	504	2246	38.82	\$13.00*
Intel Celeron 560 @ 2.13GHz	535	2225	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	526	2228	NA	NA
Intel Celeron 600MHz	147	2634	NA	NA
Intel Celeron 723 @ 1.20GHz	408	2343	NA	NA
Intel Celeron 743 @ 1.30GHz	436	2318	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2117	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2393	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2181	NA	NA
Intel Celeron 847 @ 1.10GHz	936	2025	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1026	1959	NA	NA
Intel Celeron 857 @ 1.20GHz	1172	1881	NA	NA
Intel Celeron 867 @ 1.30GHz	1199	1867	NA	NA
Intel Celeron 877 @ 1.40GHz	1288	1814	NA	NA
Intel Celeron 887 @ 1.50GHz	1294	1805	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2154	23.34	\$28.99
Intel Celeron 925 @ 2.30GHz	687	2147	NA	NA
Intel Celeron 1000M @ 1.80GHz	1671	1625	NA	NA
Intel Celeron 1000MHz	241	2559	NA	NA
Intel Celeron 1005M @ 1.90GHz	1821	1549	NA	NA
Intel Celeron 1007U @ 1.50GHz	1398	1750	7.56	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1520	1696	NA	NA
Intel Celeron 1019Y @ 1.00GHz	926	2033	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1378	NA	NA
Intel Celeron 1037U @ 1.80GHz	1733	1588	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1871	NA	NA
Intel Celeron 1066MHz	259	2536	NA	NA
Intel Celeron 1100MHz	174	2619	NA	NA
Intel Celeron 1133MHz	282	2506	NA	NA
Intel Celeron 1200MHz	244	2558	NA	NA
Intel Celeron 1300MHz	288	2495	NA	NA
Intel Celeron 1333MHz	290	2488	NA	NA
Intel Celeron 1400MHz	302	2472	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1322	NA	NA
Intel Celeron 2950M @ 2.00GHz	2008	1462	NA	NA
Intel Celeron 2955U @ 1.40GHz	1437	1737	NA	NA
Intel Celeron 2957U @ 1.40GHz	1453	1727	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	1912	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2970M @ 2.20GHz	2312	1337	NA	NA
Intel Celeron 2980U @ 1.60GHz	1576	1675	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1676	NA	NA
Intel Celeron 3205U @ 1.50GHz	1547	1683	5.39	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1606	1658	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1606	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3765U @ 1.90GHz	2038	1448	NA	NA
Intel Celeron 3855U @ 1.60GHz	1662	1632	NA	NA
Intel Celeron 3865U @ 1.80GHz	1952	1483	NA	NA
Intel Celeron 3955U @ 2.00GHz	1755	1577	NA	NA
Intel Celeron 3965U @ 2.20GHz	2458	1288	22.98	\$107.00*
Intel Celeron @ 1.30GHz	965	2002	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2607	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2091	NA	NA
Intel Celeron B800 @ 1.50GHz	1279	1821	NA	NA
Intel Celeron B810 @ 1.60GHz	1381	1757	NA	NA
Intel Celeron B815 @ 1.60GHz	1366	1765	NA	NA
Intel Celeron B820 @ 1.70GHz	1430	1739	36.42	\$39.29
Intel Celeron B830 @ 1.80GHz	1528	1689	NA	NA
Intel Celeron B840 @ 1.90GHz	1725	1593	NA	NA
Intel Celeron D 347 @ 3.06GHz	274	2523	NA	NA
Intel Celeron D 352 @ 3.20GHz	305	2466	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2449	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2432	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2351	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2271	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2196	NA	NA
Intel Celeron E1200 @ 1.60GHz	860	2064	13.88	\$62.01*
Intel Celeron E1400 @ 2.00GHz	1046	1947	13.08	\$79.95
Intel Celeron E1500 @ 2.20GHz	1155	1889	18.28	\$63.25*
Intel Celeron E1600 @ 2.40GHz	1260	1832	NA	NA
Intel Celeron E3200 @ 2.40GHz	1386	1754	26.67	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1387	1753	124.01	\$11.19
Intel Celeron E3400 @ 2.60GHz	1438	1736	18.81	\$76.47*
Intel Celeron E3500 @ 2.70GHz	1454	1725	23.45	\$62.01
Intel Celeron G440 @ 1.60GHz	698	2145	5.59	\$125.00
Intel Celeron G460 @ 1.80GHz	1031	1954	15.88	\$65.00
Intel Celeron G465 @ 1.90GHz	1065	1939	13.32	\$80.00
Intel Celeron G470 @ 2.00GHz	1306	1798	NA	NA
Intel Celeron G530 @ 2.40GHz	2147	1407	42.97	\$49.99
Intel Celeron G530T @ 2.00GHz	1604	1660	NA	NA
Intel Celeron G540 @ 2.50GHz	2200	1388	104.86	\$20.99
Intel Celeron G540T @ 2.10GHz	2114	1421	NA	NA
Intel Celeron G550 @ 2.60GHz	2291	1348	114.64	\$19.99
Intel Celeron G550T @ 2.20GHz	2063	1439	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1300	48.45	\$50.00
Intel Celeron G1101 @ 2.27GHz	1727	1590	20.33	\$85.00*
Intel Celeron G1610 @ 2.60GHz	2494	1278	99.80	\$24.99
Intel Celeron G1610T @ 2.30GHz	2303	1341	57.53	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2581	1246	16.81	\$153.59*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1620T @ 2.40GHz	2353	1325	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2479	1283	35.43	\$69.99
Intel Celeron G1820 @ 2.70GHz	2769	1187	18.46	\$149.99*
Intel Celeron G1820T @ 2.40GHz	2505	1275	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1413	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1830 @ 2.80GHz	2531	1261	35.66	\$70.99*
Intel Celeron G1840 @ 2.80GHz	2873	1156	37.56	\$76.50
Intel Celeron G1840T @ 2.50GHz	2605	1237	NA	NA
Intel Celeron G1850 @ 2.90GHz	2902	1145	36.28	\$80.00*
Intel Celeron G3900 @ 2.80GHz	3040	1100	73.24	\$41.51
Intel Celeron G3900E @ 2.40GHz	2679	1217	NA	NA
Intel Celeron G3900T @ 2.60GHz	2902	1146	NA	NA
Intel Celeron G3920 @ 2.90GHz	3412	992	89.58	\$38.09
Intel Celeron G3930 @ 2.90GHz	3079	1086	NA	NA
Intel Celeron G3950 @ 3.00GHz	3334	1014	26.46	\$126.03*
Intel Celeron G4900T @ 2.90GHz	2960	1125	NA	NA
Intel Celeron J1750 @ 2.41GHz	1037	1953	NA	NA
Intel Celeron J1800 @ 2.41GHz	1027	1955	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1655	NA	NA
Intel Celeron J1900 @ 1.99GHz	1862	1531	NA	NA
Intel Celeron J3060 @ 1.60GHz	983	1992	NA	NA
Intel Celeron J3160 @ 1.60GHz	1782	1564	NA	NA
Intel Celeron J3355 @ 2.00GHz	1291	1809	NA	NA
Intel Celeron J3455 @ 1.50GHz	2140	1410	9.17	\$233.52*
Intel Celeron M 1.00GHz	207	2592	17.43	\$11.89
Intel Celeron M 1.30GHz	316	2448	NA	NA
Intel Celeron M 1.50GHz	343	2424	NA	NA
Intel Celeron M 1.60GHz	365	2400	NA	NA
Intel Celeron M 1.70GHz	393	2368	NA	NA
Intel Celeron M 360 1.40GHz	327	2438	NA	NA
Intel Celeron M 410 @ 1.46GHz	316	2447	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2427	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2397	NA	NA
Intel Celeron M 440 @ 1.86GHz	413	2337	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2543	NA	NA
Intel Celeron M 450 @ 2.00GHz	455	2295	NA	NA
Intel Celeron M 520 @ 1.60GHz	434	2323	NA	NA
Intel Celeron M 530 @ 1.73GHz	459	2291	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2219	NA	NA
Intel Celeron M 600MHz	151	2632	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2294	NA	NA
Intel Celeron M 900MHz	207	2591	NA	NA
Intel Celeron M 1200MHz	275	2521	NA	NA
Intel Celeron M 1300MHz	303	2469	NA	NA
Intel Celeron M 1500MHz	332	2435	NA	NA
Intel Celeron M ULV 800MHz	184	2612	NA	NA
Intel Celeron N2805 @ 1.46GHz	454	2296	NA	NA
Intel Celeron N2806 @ 1.60GHz	782	2101	NA	NA
Intel Celeron N2807 @ 1.58GHz	853	2071	NA	NA
Intel Celeron N2808 @ 1.58GHz	929	2030	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2810 @ 2.00GHz	774	2105	4.14	\$186.99
Intel Celeron N2815 @ 1.86GHz	862	2063	NA	NA
Intel Celeron N2820 @ 2.13GHz	951	2013	5.01	\$190.00
Intel Celeron N2830 @ 2.16GHz	952	2012	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2840 @ 2.16GHz	1007	1971	NA	NA
Intel Celeron N2910 @ 1.60GHz	1208	1863	NA	NA
Intel Celeron N2920 @ 1.86GHz	1516	1700	NA	NA
Intel Celeron N2930 @ 1.83GHz	1636	1645	NA	NA
Intel Celeron N2940 @ 1.83GHz	1733	1587	NA	NA
Intel Celeron N3000 @ 1.04GHz	906	2049	NA	NA
Intel Celeron N3010 @ 1.04GHz	936	2027	NA	NA
Intel Celeron N3050 @ 1.60GHz	883	2056	2.95	\$299.99*
Intel Celeron N3060 @ 1.60GHz	998	1979	NA	NA
Intel Celeron N3150 @ 1.60GHz	1661	1633	NA	NA
Intel Celeron N3160 @ 1.60GHz	1705	1603	5.65	\$302.00
Intel Celeron N3350 @ 1.10GHz	1115	1904	NA	NA
Intel Celeron N3450 @ 1.10GHz	1834	1544	10.35	\$177.31
Intel Celeron P4500 @ 1.87GHz	1139	1900	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	1986	NA	NA
Intel Celeron P4600 @ 2.00GHz	1340	1779	NA	NA
Intel Celeron SU2300 @ 1.20GHz	774	2106	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2015	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	1942	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1604	NA	NA
Intel Celeron U3400 @ 1.07GHz	735	2123	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2149	NA	NA
Intel Celeron U3600 @ 1.20GHz	805	2095	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1048	1945	6.64	\$157.95
Intel Core2 Duo E4400 @ 2.00GHz	1162	1887	7.36	\$157.95
Intel Core2 Duo E4500 @ 2.20GHz	1273	1825	8.07	\$157.95
Intel Core2 Duo E4600 @ 2.40GHz	1384	1755	8.77	\$157.95
Intel Core2 Duo E4700 @ 2.60GHz	1483	1713	14.83	\$100.00*
Intel Core2 Duo E6300 @ 1.86GHz	1110	1911	7.03	\$157.95
Intel Core2 Duo E6320 @ 1.86GHz	1182	1874	7.49	\$157.95
Intel Core2 Duo E6400 @ 2.13GHz	1293	1806	8.19	\$157.95
Intel Core2 Duo E6420 @ 2.13GHz	1364	1768	8.64	\$157.95
Intel Core2 Duo E6540 @ 2.33GHz	1457	1724	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1707	9.49	\$157.95
Intel Core2 Duo E6600 @ 2.40GHz	1553	1681	9.83	\$157.95
Intel Core2 Duo E6700 @ 2.66GHz	1695	1613	14.62	\$115.99
Intel Core2 Duo E6750 @ 2.66GHz	1719	1595	27.73	\$61.99*
Intel Core2 Duo E6850 @ 3.00GHz	1951	1485	29.79	\$65.50
Intel Core2 Duo E7200 @ 2.53GHz	1636	1644	10.36	\$157.95
Intel Core2 Duo E7300 @ 2.66GHz	1726	1591	78.51	\$21.99*
Intel Core2 Duo E7400 @ 2.80GHz	1775	1567	11.24	\$157.95
Intel Core2 Duo E7500 @ 2.93GHz	1877	1525	134.18	\$13.99
Intel Core2 Duo E7600 @ 3.06GHz	1989	1470	16.59	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1523	1693	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1765	1570	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1887	1517	11.95	\$157.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8235 @ 2.80GHz	1953	1482	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1324	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1999	1466	142.95	\$13.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8335 @ 2.66GHz	1846	1536	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1415	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2156	1402	110.58	\$19.50
Intel Core2 Duo E8435 @ 3.06GHz	2127	1416	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2287	1351	114.45	\$19.99
Intel Core2 Duo E8600 @ 3.33GHz	2412	1305	104.92	\$22.99
Intel Core2 Duo E8700 @ 3.50GHz	2212	1383	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	746	2119	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2150	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	841	2076	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2073	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	967	2001	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	965	2003	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	1902	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1069	1938	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1339	1780	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1292	1807	64.68	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1301	1801	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1422	1742	35.56	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2017	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1524	1692	6.63	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1450	1729	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	1962	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1458	1722	4.91	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1539	1686	31.31	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1630	1647	42.93	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1745	1582	30.63	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1565	1679	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1763	1572	1.77	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1768	1569	17.86	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1876	1526	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2012	1459	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2194	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1267	1830	5.01	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1672	1623	5.89	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	930	2029	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	834	2081	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	832	2082	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	820	2086	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	936	2026	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	911	2045	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2047	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2038	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1046	1946	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1026	1956	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	991	1987	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1093	1923	109.44	\$9.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5800 @ 2.00GHz	1111	1909	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1189	1870	74.79	\$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	1898	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	1860	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1223	1852	81.60	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1285	1816	85.78	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1256	1835	32.63	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1365	1767	72.24	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1369	1764	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1011	1968	46.02	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1164	1885	11.65	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1110	1910	5.51	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1194	1868	38.54	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1243	1845	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1275	1824	29.67	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1376	1761	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1418	1743	30.19	\$46.99*
Intel Core2 Duo T7800 @ 2.60GHz	1615	1652	2.66	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1292	1808	1.29	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1480	1715	6.92	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1666	1630	28.74	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1739	1586	24.86	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1820	1552	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1801	1557	6.03	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1498	29.66	\$64.99*
Intel Core2 Duo T9800 @ 2.93GHz	2013	1458	4.75	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2124	1418	5.33	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	869	2061	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	582	2198	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	664	2158	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	713	2134	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2066	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1131	1901	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1616	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	934	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3644	935	2.44	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3463	981	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1883	1520	7.14	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1556	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1785	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1687	1617	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1895	1509	NA	NA
Intel Core2 Extreme X9100 @ 3.06GHz	2047	1445	2.41	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4176	822	4.59	\$909.00*
Intel Core2 Extreme X9750 @ 3.16GHz	4597	739	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	735	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	726	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2961	1124	26.93	\$109.95
Intel Core2 Quad Q6700 @ 2.66GHz	3287	1023	126.50	\$25.99
Intel Core2 Quad Q8200 @ 2.33GHz	2816	1173	122.50	\$22.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q8300 @ 2.50GHz	2991	1114	19.30	\$155.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q8400 @ 2.66GHz	3182	1054	35.56	\$89.50*
Intel Core2 Quad Q9000 @ 2.00GHz	2528	1263	6.50	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3239	1041	8.39	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3165	1061	126.68	\$24.99
Intel Core2 Quad Q9400 @ 2.66GHz	3359	1009	112.03	\$29.99
Intel Core2 Quad Q9450 @ 2.66GHz	3769	909	11.24	\$335.25*
Intel Core2 Quad Q9500 @ 2.83GHz	3566	955	104.94	\$33.99
Intel Core2 Quad Q9505 @ 2.83GHz	3585	949	18.87	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3983	856	84.78	\$46.99
Intel Core2 Quad Q9650 @ 3.00GHz	4186	818	50.45	\$82.99
Intel Core2 Quad Q9705 @ 3.16GHz	3947	862	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	303	2468	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2457	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2335	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	466	2281	NA	NA
Intel Core 330 @ 1.60GHz	643	2167	NA	NA
Intel Core 860 @ 2.80GHz	4555	751	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2131	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2136	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	2126	NA	NA
Intel Core Duo T2050 @ 1.60GHz	698	2144	NA	NA
Intel Core Duo T2250 @ 1.73GHz	758	2114	NA	NA
Intel Core Duo T2300 @ 1.66GHz	732	2124	NA	NA
Intel Core Duo T2350 @ 1.86GHz	760	2111	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2097	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	826	2084	NA	NA
Intel Core Duo T2500 @ 2.00GHz	871	2059	7.27	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	942	2019	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	1960	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2217	NA	NA
Intel Core Duo U2500 @ 1.20GHz	517	2235	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1493	NA	NA
Intel Core i3-330M @ 2.13GHz	1791	1562	36.89	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1074	1936	NA	NA
Intel Core i3-350M @ 2.27GHz	1894	1510	48.01	\$39.47
Intel Core i3-370M @ 2.40GHz	2020	1457	50.55	\$39.96
Intel Core i3-380M @ 2.53GHz	2094	1428	42.75	\$49.00*
Intel Core i3-380UM @ 1.33GHz	1169	1882	NA	NA
Intel Core i3-390M @ 2.67GHz	2176	1397	55.87	\$38.95*
Intel Core i3-530 @ 2.93GHz	2578	1249	112.10	\$23.00
Intel Core i3-540 @ 3.07GHz	2689	1214	112.08	\$24.00
Intel Core i3-550 @ 3.20GHz	2829	1166	28.37	\$99.75
Intel Core i3-560 @ 3.33GHz	2970	1120	16.51	\$179.95
Intel Core i3-2100 @ 3.10GHz	3680	929	122.69	\$30.00
Intel Core i3-2100T @ 2.50GHz	2912	1138	24.27	\$119.99
Intel Core i3-2102 @ 3.10GHz	3817	891	NA	NA
Intel Core i3-2105 @ 3.10GHz	3721	920	31.54	\$118.00
Intel Core i3-2120 @ 3.30GHz	3917	870	68.73	\$56.99
Intel Core i3-2120T @ 2.60GHz	3150	1070	27.88	\$113.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2125 @ 3.30GHz	4011	849	23.74	\$169.00
Intel Core i3-2130 @ 3.40GHz	4060	839	37.08	\$109.50
Intel Core i3-2140 @ 3.50GHz	4325	795	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1162	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2426	1298	53.93	\$44.99
Intel Core i3-2312M @ 2.10GHz	2381	1315	NA	NA
Intel Core i3-2328M @ 2.20GHz	2533	1260	NA	NA
Intel Core i3-2330E @ 2.20GHz	3073	1087	NA	NA
Intel Core i3-2330M @ 2.20GHz	2524	1266	50.54	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1313	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1594	NA	NA
Intel Core i3-2348M @ 2.30GHz	2618	1232	NA	NA
Intel Core i3-2350M @ 2.30GHz	2617	1233	62.38	\$41.97*
Intel Core i3-2357M @ 1.30GHz	1589	1668	NA	NA
Intel Core i3-2365M @ 1.40GHz	1677	1622	NA	NA
Intel Core i3-2367M @ 1.40GHz	1703	1605	NA	NA
Intel Core i3-2370M @ 2.40GHz	2767	1189	46.91	\$59.00*
Intel Core i3-2375M @ 1.50GHz	1778	1565	NA	NA
Intel Core i3-2377M @ 1.50GHz	1829	1546	NA	NA
Intel Core i3-3110M @ 2.40GHz	3072	1088	38.43	\$79.95
Intel Core i3-3120M @ 2.50GHz	3216	1045	20.10	\$160.00*
Intel Core i3-3130M @ 2.60GHz	3374	1005	NA	NA
Intel Core i3-3210 @ 3.20GHz	4029	844	36.63	\$110.00
Intel Core i3-3217U @ 1.80GHz	2301	1344	6.63	\$347.12*
Intel Core i3-3217UE @ 1.60GHz	2162	1400	NA	NA
Intel Core i3-3220 @ 3.30GHz	4229	808	65.59	\$64.49
Intel Core i3-3220T @ 2.80GHz	3694	927	22.32	\$165.50
Intel Core i3-3225 @ 3.30GHz	4338	791	28.92	\$149.99
Intel Core i3-3227U @ 1.90GHz	2465	1287	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1694	1614	NA	NA
Intel Core i3-3240 @ 3.40GHz	4309	797	63.38	\$67.99
Intel Core i3-3240T @ 2.90GHz	3662	933	NA	NA
Intel Core i3-3245 @ 3.40GHz	4418	772	36.22	\$122.00
Intel Core i3-3250 @ 3.50GHz	4442	768	28.66	\$154.99
Intel Core i3-3250T @ 3.00GHz	3021	1103	NA	NA
Intel Core i3-4000M @ 2.40GHz	3236	1042	16.19	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2449	1291	NA	NA
Intel Core i3-4010U @ 1.70GHz	2442	1293	19.65	\$124.31
Intel Core i3-4010Y @ 1.30GHz	1890	1514	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2188	1392	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2201	1387	NA	NA
Intel Core i3-4025U @ 1.90GHz	2774	1184	NA	NA
Intel Core i3-4030U @ 1.90GHz	2704	1211	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1274	NA	NA
Intel Core i3-4100M @ 2.50GHz	3479	975	15.92	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	878	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1147	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1097	NA	NA
Intel Core i3-4130 @ 3.40GHz	4793	706	27.87	\$172.00
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Core i3-4130T @ 2.90GHz	4135	831	46.48	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4898	685	39.19	\$124.99
Intel Core i3-4150T @ 3.00GHz	4219	811	18.35	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1137	NA	NA
Intel Core i3-4160 @ 3.60GHz	5051	658	37.03	\$136.41
Intel Core i3-4160T @ 3.10GHz	4389	778	30.91	\$141.99*
Intel Core i3-4170 @ 3.70GHz	5183	637	35.75	\$145.00
Intel Core i3-4170T @ 3.20GHz	4578	744	30.53	\$149.95
Intel Core i3-4330 @ 3.50GHz	5086	651	12.72	\$399.95
Intel Core i3-4330T @ 3.00GHz	4482	764	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3161	1063	NA	NA
Intel Core i3-4340 @ 3.60GHz	5240	632	24.04	\$218.01*
Intel Core i3-4350 @ 3.60GHz	4963	673	38.19	\$129.99*
Intel Core i3-4350T @ 3.10GHz	4302	799	NA	NA
Intel Core i3-4360 @ 3.70GHz	5465	602	19.52	\$279.95
Intel Core i3-4360T @ 3.20GHz	4636	730	NA	NA
Intel Core i3-4370 @ 3.80GHz	5598	584	5.66	\$989.89*
Intel Core i3-4370T @ 3.30GHz	4832	697	35.02	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	682	NA	NA
Intel Core i3-5005U @ 2.00GHz	2911	1140	NA	NA
Intel Core i3-5010U @ 2.10GHz	3064	1093	7.03	\$435.69*
Intel Core i3-5015U @ 2.10GHz	3028	1101	NA	NA
Intel Core i3-5020U @ 2.20GHz	3182	1055	6.93	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	932	NA	NA
Intel Core i3-6006U @ 2.00GHz	3160	1067	NA	NA
Intel Core i3-6098P @ 3.60GHz	5535	592	41.39	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5493	596	47.39	\$115.93
Intel Core i3-6100E @ 2.70GHz	3769	910	NA	NA
Intel Core i3-6100H @ 2.70GHz	4212	812	NA	NA
Intel Core i3-6100T @ 3.20GHz	4841	694	41.71	\$116.08
Intel Core i3-6100TE @ 2.70GHz	4317	796	NA	NA
Intel Core i3-6100U @ 2.30GHz	3561	957	6.92	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3830	887	NA	NA
Intel Core i3-6300 @ 3.80GHz	5853	551	38.26	\$152.98
Intel Core i3-6300T @ 3.30GHz	5253	631	34.34	\$152.99
Intel Core i3-6320 @ 3.90GHz	6046	533	36.48	\$165.76
Intel Core i3-7100 @ 3.90GHz	5810	556	50.53	\$114.99
Intel Core i3-7100H @ 3.00GHz	4776	708	21.23	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5056	657	NA	NA
Intel Core i3-7100U @ 2.40GHz	3779	906	NA	NA
Intel Core i3-7101TE @ 3.40GHz	5016	665	42.88	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4148	828	14.76	\$281.00*
Intel Core i3-7300 @ 4.00GHz	6434	497	40.50	\$158.89
Intel Core i3-7300T @ 3.50GHz	5366	616	NA	NA
Intel Core i3-7320 @ 4.10GHz	6552	485	39.66	\$165.21
Intel Core i3-7350K @ 4.20GHz	6628	479	40.37	\$164.19
Intel Core i3-8100 @ 3.60GHz	8103	356	71.71	\$112.99
Intel Core i3-8350K @ 4.00GHz	9186	278	52.50	\$174.99
Intel Core i5 750S @ 2.40GHz	2197	1389	8.72	\$252.01
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Intel Core i5 E 520 @ 2.40GHz	2486	1281	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3618	938	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3777	907	NA	NA
Intel Core i5-430M @ 2.27GHz	2100	1427	15.01	\$139.95
Intel Core i5-430UM @ 1.20GHz	1339	1781	NA	NA
Intel Core i5-450M @ 2.40GHz	2109	1424	66.04	\$31.95*
Intel Core i5-460M @ 2.53GHz	2334	1329	31.14	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1273	1826	NA	NA
Intel Core i5-480M @ 2.67GHz	2414	1303	29.96	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1374	NA	NA
Intel Core i5-520M @ 2.40GHz	2374	1317	21.59	\$109.95
Intel Core i5-520UM @ 1.07GHz	1356	1774	NA	NA
Intel Core i5-540M @ 2.53GHz	2450	1290	12.90	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1400	1749	NA	NA
Intel Core i5-560M @ 2.67GHz	2589	1242	31.59	\$81.97
Intel Core i5-560UM @ 1.33GHz	1664	1631	NA	NA
Intel Core i5-580M @ 2.67GHz	2624	1229	23.87	\$109.95
Intel Core i5-650 @ 3.20GHz	3108	1078	24.83	\$125.20
Intel Core i5-655K @ 3.20GHz	3399	999	NA	NA
Intel Core i5-660 @ 3.33GHz	3258	1034	22.64	\$143.95
Intel Core i5-661 @ 3.33GHz	3187	1053	12.65	\$252.01
Intel Core i5-670 @ 3.47GHz	3312	1020	20.08	\$165.00
Intel Core i5-680 @ 3.60GHz	3506	968	12.89	\$272.01
Intel Core i5-750 @ 2.67GHz	3704	925	18.47	\$200.50
Intel Core i5-760 @ 2.80GHz	3896	875	17.17	\$227.00
Intel Core i5-2300 @ 2.80GHz	5345	622	53.47	\$99.99
Intel Core i5-2310 @ 2.90GHz	5525	594	31.57	\$175.00
Intel Core i5-2320 @ 3.00GHz	5755	565	37.40	\$153.88
Intel Core i5-2380P @ 3.10GHz	5679	572	31.55	\$180.00
Intel Core i5-2390T @ 2.70GHz	4265	802	42.70	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5937	541	67.48	\$88.00
Intel Core i5-2400S @ 2.50GHz	4937	681	75.97	\$65.00
Intel Core i5-2405S @ 2.50GHz	5029	661	30.59	\$164.40*
Intel Core i5-2410M @ 2.30GHz	3166	1060	43.98	\$72.00
Intel Core i5-2415M @ 2.30GHz	3294	1022	NA	NA
Intel Core i5-2430M @ 2.40GHz	3280	1025	16.41	\$199.95
Intel Core i5-2435M @ 2.40GHz	3261	1031	NA	NA
Intel Core i5-2450M @ 2.50GHz	3399	997	26.15	\$130.00*
Intel Core i5-2450P @ 3.20GHz	6132	524	31.45	\$195.00*
Intel Core i5-2467M @ 1.60GHz	2334	1328	NA	NA
Intel Core i5-2500 @ 3.30GHz	6316	508	46.30	\$136.42
Intel Core i5-2500K @ 3.30GHz	6470	492	13.21	\$489.95
Intel Core i5-2500S @ 2.70GHz	5298	628	39.05	\$135.70
Intel Core i5-2500T @ 2.30GHz	4680	721	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	930	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1019	NA	NA
Intel Core i5-2520M @ 2.50GHz	3584	951	21.13	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2084	1434	NA	NA
Intel Core i5-2540M @ 2.60GHz	3785	904	54.12	\$69.95
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Intel Core i5-2550K @ 3.40GHz	6702	469	35.47	\$189.00*
Intel Core i5-2557M @ 1.70GHz	2651	1223	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	915	NA	NA
Intel Core i5-3210M @ 2.50GHz	3818	890	18.63	\$205.00*
Intel Core i5-3230M @ 2.60GHz	3935	868	15.76	\$249.65*
Intel Core i5-3317U @ 1.70GHz	3090	1083	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4103	835	33.44	\$122.74*
Intel Core i5-3330 @ 3.00GHz	5917	544	16.44	\$359.95
Intel Core i5-3330S @ 2.70GHz	5658	574	25.20	\$224.59*
Intel Core i5-3335S @ 2.70GHz	5788	559	NA	NA
Intel Core i5-3337U @ 1.80GHz	3215	1046	14.29	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2228	1379	NA	NA
Intel Core i5-3340 @ 3.10GHz	6076	531	32.85	\$184.99
Intel Core i5-3340M @ 2.70GHz	4235	807	52.97	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5810	557	18.16	\$320.00
Intel Core i5-3350P @ 3.10GHz	6139	521	27.17	\$225.99
Intel Core i5-3360M @ 2.80GHz	4430	770	45.17	\$98.08*
Intel Core i5-3380M @ 2.90GHz	4421	771	NA	NA
Intel Core i5-3427U @ 1.80GHz	3545	959	8.44	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3626	937	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1135	NA	NA
Intel Core i5-3450 @ 3.10GHz	6507	490	32.70	\$199.00
Intel Core i5-3450S @ 2.80GHz	6184	515	36.38	\$169.99
Intel Core i5-3470 @ 3.20GHz	6669	473	50.43	\$132.25
Intel Core i5-3470S @ 2.90GHz	6319	507	26.55	\$238.00
Intel Core i5-3470T @ 2.90GHz	4516	757	20.02	\$225.57*
Intel Core i5-3475S @ 2.90GHz	6520	489	75.91	\$85.90*
Intel Core i5-3550 @ 3.30GHz	6914	457	27.29	\$253.40
Intel Core i5-3550S @ 3.00GHz	6845	461	27.33	\$250.51*
Intel Core i5-3570 @ 3.40GHz	7078	442	34.62	\$204.50
Intel Core i5-3570K @ 3.40GHz	7164	431	24.29	\$294.99
Intel Core i5-3570S @ 3.10GHz	6681	472	23.44	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5877	548	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3786	903	NA	NA
Intel Core i5-4200H @ 2.80GHz	4443	767	NA	NA
Intel Core i5-4200M @ 2.50GHz	4040	843	22.45	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3282	1024	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1307	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2260	1367	NA	NA
Intel Core i5-4210H @ 2.90GHz	4547	753	NA	NA
Intel Core i5-4210M @ 2.60GHz	4186	819	13.51	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3399	998	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2367	1320	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1366	NA	NA
Intel Core i5-4250U @ 1.30GHz	3452	983	9.59	\$359.99
Intel Core i5-4258U @ 2.40GHz	4093	836	NA	NA
Intel Core i5-4260U @ 1.40GHz	3584	950	NA	NA
Intel Core i5-4278U @ 2.60GHz	4352	788	NA	NA
Intel Core i5-4288U @ 2.60GHz	4371	781	NA	NA
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Intel Core i5-4300M @ 2.60GHz	4397	775	NA	NA
Intel Core i5-4300U @ 1.90GHz	3743	917	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2509	1273	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2973	1118	NA	NA
Intel Core i5-4308U @ 2.80GHz	4084	837	NA	NA
Intel Core i5-4310M @ 2.70GHz	4595	740	NA	NA
Intel Core i5-4310U @ 2.00GHz	3703	926	NA	NA
Intel Core i5-4330M @ 2.80GHz	4590	742	16.69	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4810	703	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	941	NA	NA
Intel Core i5-4400E @ 2.70GHz	1271	1828	NA	NA
Intel Core i5-4402E @ 1.60GHz	3947	863	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1177	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6297	509	29.99	\$209.99*
Intel Core i5-4430S @ 2.70GHz	5893	547	39.82	\$147.99*
Intel Core i5-4440 @ 3.10GHz	6483	491	8.21	\$789.64
Intel Core i5-4440S @ 2.80GHz	6184	514	19.95	\$309.99*
Intel Core i5-4460 @ 3.20GHz	6697	470	34.70	\$192.99
Intel Core i5-4460S @ 2.90GHz	6395	504	9.69	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4944	679	NA	NA
Intel Core i5-4570 @ 3.20GHz	7096	440	29.60	\$239.80
Intel Core i5-4570R @ 2.70GHz	6689	471	NA	NA
Intel Core i5-4570S @ 2.90GHz	6762	466	24.19	\$279.54
Intel Core i5-4570T @ 2.90GHz	4815	700	13.94	\$345.50*
Intel Core i5-4570TE @ 2.70GHz	4008	852	14.93	\$268.42*
Intel Core i5-4590 @ 3.30GHz	7274	425	24.66	\$295.05
Intel Core i5-4590S @ 3.00GHz	6987	448	18.88	\$369.98*
Intel Core i5-4590T @ 2.00GHz	5594	585	NA	NA
Intel Core i5-4670 @ 3.40GHz	7419	412	27.09	\$273.92
Intel Core i5-4670K @ 3.40GHz	7626	396	31.78	\$240.00
Intel Core i5-4670K CPT @ 3.40GHz	7411	413	NA	NA
Intel Core i5-4670S @ 3.10GHz	6436	496	NA	NA
Intel Core i5-4670T @ 2.30GHz	6234	510	29.69	\$209.99*
Intel Core i5-4690 @ 3.50GHz	7632	394	23.79	\$320.90
Intel Core i5-4690K @ 3.50GHz	7787	381	22.35	\$348.39
Intel Core i5-4690S @ 3.20GHz	7421	410	27.11	\$273.78
Intel Core i5-4690T @ 2.50GHz	6429	500	NA	NA
Intel Core i5-5200U @ 2.20GHz	3495	970	NA	NA
Intel Core i5-5250U @ 1.60GHz	3594	946	8.13	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4415	774	NA	NA
Intel Core i5-5287U @ 2.90GHz	4681	720	NA	NA
Intel Core i5-5300U @ 2.30GHz	3787	901	7.65	\$495.14*
Intel Core i5-5350U @ 1.80GHz	3316	1017	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	409	NA	NA
Intel Core i5-5675C @ 3.10GHz	8182	349	15.98	\$512.08*
Intel Core i5-5675R @ 3.10GHz	8061	359	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4176	823	NA	NA
Intel Core i5-6200U @ 2.30GHz	4013	848	NA	NA
Intel Core i5-6260U @ 1.80GHz	4361	785	8.40	\$518.99*
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Core i5-6267U @ 2.90GHz	4950	675	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	712	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6071	532	NA	NA
Intel Core i5-6300U @ 2.40GHz	4371	782	NA	NA
Intel Core i5-6360U @ 2.00GHz	4836	695	NA	NA
Intel Core i5-6400 @ 2.70GHz	6760	467	37.44	\$180.56
Intel Core i5-6400T @ 2.20GHz	5607	581	33.18	\$169.00
Intel Core i5-6402P @ 2.80GHz	7393	416	38.91	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	560	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6771	464	NA	NA
Intel Core i5-6500 @ 3.20GHz	7229	428	37.61	\$192.24
Intel Core i5-6500T @ 2.50GHz	6226	511	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6585	482	NA	NA
Intel Core i5-6600 @ 3.30GHz	7760	385	33.41	\$232.25
Intel Core i5-6600K @ 3.50GHz	8041	363	31.76	\$253.17
Intel Core i5-6600T @ 2.70GHz	7302	424	36.51	\$199.99
Intel Core i5-7200U @ 2.50GHz	4656	725	NA	NA
Intel Core i5-7260U @ 2.20GHz	5733	569	NA	NA
Intel Core i5-7267U @ 3.10GHz	5060	655	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6850	459	NA	NA
Intel Core i5-7300U @ 2.60GHz	5121	644	NA	NA
Intel Core i5-7360U @ 2.30GHz	5960	538	NA	NA
Intel Core i5-7400 @ 3.00GHz	7401	415	46.26	\$159.99
Intel Core i5-7400T @ 2.40GHz	6580	484	44.16	\$149.00
Intel Core i5-7440HQ @ 2.80GHz	8008	367	NA	NA
Intel Core i5-7500 @ 3.40GHz	8089	358	41.50	\$194.96
Intel Core i5-7500T @ 2.70GHz	7148	434	34.59	\$206.68
Intel Core i5-7600 @ 3.50GHz	8876	306	40.54	\$218.95
Intel Core i5-7600K @ 3.80GHz	9152	284	39.39	\$232.36
Intel Core i5-7600T @ 2.80GHz	8163	352	32.52	\$251.06
Intel Core i5-7640X @ 4.00GHz	9222	275	39.34	\$234.43
Intel Core i5-8250U @ 1.60GHz	7610	398	NA	NA
Intel Core i5-8350U @ 1.70GHz	8654	323	29.14	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11787	153	58.94	\$199.99*
Intel Core i5-8600K @ 3.60GHz	12792	133	52.68	\$242.83
Intel Core i5-24050S @ 2.50GHz	4928	683	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3789	899	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1477	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1256	NA	NA
Intel Core i7-620LM @ 2.00GHz	1952	1484	NA	NA
Intel Core i7-620M @ 2.67GHz	2729	1204	34.32	\$79.55
Intel Core i7-620UM @ 1.07GHz	1323	1790	NA	NA
Intel Core i7-640LM @ 2.13GHz	2245	1373	NA	NA
Intel Core i7-640M @ 2.80GHz	2849	1160	17.82	\$159.95*
Intel Core i7-640UM @ 1.20GHz	1672	1624	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1583	NA	NA
Intel Core i7-680UM @ 1.47GHz	1686	1618	NA	NA
Intel Core i7-720QM @ 1.60GHz	3020	1104	27.47	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3200	1050	29.11	\$109.95
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Intel Core i7-820QM @ 1.73GHz	3245	1039	23.35	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3408	994	11.75	\$289.97*
Intel Core i7-860 @ 2.80GHz	5026	662	19.71	\$254.99
Intel Core i7-860S @ 2.53GHz	4711	715	11.16	\$422.01
Intel Core i7-870 @ 2.93GHz	5369	615	25.70	\$208.90
Intel Core i7-870S @ 2.67GHz	4969	672	NA	NA
Intel Core i7-875K @ 2.93GHz	5450	607	11.21	\$486.01
Intel Core i7-880 @ 3.07GHz	5679	571	9.74	\$583.00*
Intel Core i7-920 @ 2.67GHz	4939	680	13.76	\$358.95
Intel Core i7-920XM @ 2.00GHz	3782	905	22.85	\$165.55*
Intel Core i7-930 @ 2.80GHz	5155	638	56.66	\$90.99
Intel Core i7-940 @ 2.93GHz	5376	613	17.98	\$299.00
Intel Core i7-940XM @ 2.13GHz	3941	866	NA	NA
Intel Core i7-950 @ 3.07GHz	5576	588	26.55	\$209.99
Intel Core i7-960 @ 3.20GHz	5845	553	19.81	\$295.00
Intel Core i7-965 @ 3.20GHz	5871	549	16.36	\$359.00
Intel Core i7-970 @ 3.20GHz	8415	337	15.30	\$550.00
Intel Core i7-975 @ 3.33GHz	6135	522	13.14	\$467.00
Intel Core i7-980 @ 3.33GHz	8721	317	12.46	\$699.99
Intel Core i7-980X @ 3.33GHz	8828	312	11.04	\$799.99
Intel Core i7-985 @ 3.47GHz	6641	477	NA	NA
Intel Core i7-990X @ 3.47GHz	9117	286	17.88	\$509.99
Intel Core i7-995X @ 3.60GHz	9791	233	NA	NA
Intel Core i7-2600 @ 3.40GHz	8206	347	43.19	\$189.99
Intel Core i7-2600K @ 3.40GHz	8458	334	19.40	\$436.00
Intel Core i7-2600S @ 2.80GHz	7077	443	20.41	\$346.69
Intel Core i7-2610UE @ 1.50GHz	2481	1282	NA	NA
Intel Core i7-2617M @ 1.50GHz	2818	1172	NA	NA
Intel Core i7-2620M @ 2.70GHz	3836	885	21.41	\$179.21*
Intel Core i7-2630QM @ 2.00GHz	5542	590	42.96	\$129.00*
Intel Core i7-2630UM @ 1.60GHz	2584	1244	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5460	604	NA	NA
Intel Core i7-2637M @ 1.70GHz	2904	1144	NA	NA
Intel Core i7-2640M @ 2.80GHz	3929	869	21.13	\$185.97*
Intel Core i7-2655LE @ 2.20GHz	3161	1065	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5908	546	42.50	\$139.00*
Intel Core i7-2675QM @ 2.20GHz	5536	591	NA	NA
Intel Core i7-2677M @ 1.80GHz	2829	1167	NA	NA
Intel Core i7-2700K @ 3.50GHz	8732	316	28.26	\$309.00
Intel Core i7-2710QE @ 2.10GHz	5768	562	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	617	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6115	527	35.98	\$169.97*
Intel Core i7-2760QM @ 2.40GHz	6582	483	47.04	\$139.95
Intel Core i7-2820QM @ 2.30GHz	6634	478	18.43	\$359.95*
Intel Core i7-2840QM @ 2.40GHz	6766	465	NA	NA
Intel Core i7-2860QM @ 2.50GHz	7003	447	11.67	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7108	439	11.67	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7148	433	17.44	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3589	948	NA	NA
CPU Name		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)
Passmark CPU Mark (higher is better)				
Intel Core i7-3517UE @ 1.70GHz	3323	1015	NA	NA
Intel Core i7-3520M @ 2.90GHz	4531	755	19.28	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3845	880	NA	NA
Intel Core i7-3540M @ 3.00GHz	4637	727	10.79	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	4130	832	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	493	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7471	407	18.68	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6428	501	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6827	463	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	420	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7369	418	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7591	399	31.76	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6931	455	20.69	\$335.00*
Intel Core i7-3635QM @ 2.40GHz	6649	476	NA	NA
Intel Core i7-3667U @ 2.00GHz	3997	853	NA	NA
Intel Core i7-3687U @ 2.10GHz	4186	820	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3269	1027	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8118	355	24.25	\$334.72*
Intel Core i7-3740QM @ 2.70GHz	8344	340	34.77	\$239.95
Intel Core i7-3770 @ 3.40GHz	9304	271	27.34	\$340.28
Intel Core i7-3770K @ 3.50GHz	9531	250	17.98	\$530.00
Intel Core i7-3770S @ 3.10GHz	8886	305	41.55	\$213.90
Intel Core i7-3770T @ 2.50GHz	8190	348	24.82	\$329.99*
Intel Core i7-3820 @ 3.60GHz	9001	296	25.01	\$359.99
Intel Core i7-3820QM @ 2.70GHz	8451	335	17.36	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8801	314	26.27	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	9146	285	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	12017	150	19.87	\$604.95
Intel Core i7-3940XM @ 3.00GHz	9312	270	17.28	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12635	139	16.21	\$779.50
Intel Core i7-3970X @ 3.50GHz	12643	138	20.73	\$609.99
Intel Core i7-4500U @ 1.80GHz	3788	900	NA	NA
Intel Core i7-4510U @ 2.00GHz	3936	867	NA	NA
Intel Core i7-4550U @ 1.50GHz	3759	914	NA	NA
Intel Core i7-4558U @ 2.80GHz	4361	786	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	793	NA	NA
Intel Core i7-4578U @ 3.00GHz	4745	713	NA	NA
Intel Core i7-4600M @ 2.90GHz	4835	696	NA	NA
Intel Core i7-4600U @ 2.10GHz	4110	834	NA	NA
Intel Core i7-4610M @ 3.00GHz	4954	674	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3738	918	NA	NA
Intel Core i7-4650U @ 1.70GHz	3988	855	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7229	429	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7745	388	20.22	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7695	390	40.72	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7495	405	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7134	436	NA	NA
Intel Core i7-4710HQ @ 2.50GHz	7749	387	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7983	369	29.40	\$271.57*
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Intel Core i7-4712HQ @ 2.30GHz	7521	403	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7160	432	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8015	365	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	361	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8301	342	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	329	NA	NA
Intel Core i7-4765T @ 2.00GHz	7304	423	27.05	\$269.99*
Intel Core i7-4770 @ 3.40GHz	9794	232	26.22	\$373.50
Intel Core i7-4770HQ @ 2.20GHz	8967	299	NA	NA
Intel Core i7-4770K @ 3.50GHz	10106	211	21.74	\$464.91
Intel Core i7-4770R @ 3.20GHz	9827	230	NA	NA
Intel Core i7-4770S @ 3.10GHz	9341	265	25.51	\$366.26
Intel Core i7-4770T @ 2.50GHz	8667	322	28.05	\$308.99*
Intel Core i7-4770TE @ 2.30GHz	7065	444	NA	NA
Intel Core i7-4771 @ 3.50GHz	9880	226	24.04	\$411.00*
Intel Core i7-4785T @ 2.20GHz	7628	395	NA	NA
Intel Core i7-4790 @ 3.60GHz	9998	219	29.49	\$339.00
Intel Core i7-4790K @ 4.00GHz	11190	162	28.99	\$386.00
Intel Core i7-4790S @ 3.20GHz	9573	247	25.46	\$375.98
Intel Core i7-4790T @ 2.70GHz	9056	291	25.23	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8492	330	16.65	\$509.95
Intel Core i7-4810MQ @ 2.80GHz	8651	324	20.36	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9726	240	23.72	\$409.99
Intel Core i7-4850HQ @ 2.30GHz	9027	293	20.80	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7925	374	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9228	274	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9331	268	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9061	290	14.87	\$609.29*
Intel Core i7-4910MQ @ 2.90GHz	9468	258	20.59	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13041	128	18.37	\$709.90
Intel Core i7-4930MX @ 3.00GHz	9513	252	8.68	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9900	224	15.00	\$659.95*
Intel Core i7-4960HQ @ 2.60GHz	9785	235	15.71	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13836	113	7.94	\$1,741.73
Intel Core i7-4980HQ @ 2.80GHz	10185	201	NA	NA
Intel Core i7-5500U @ 2.40GHz	3971	860	NA	NA
Intel Core i7-5550U @ 2.00GHz	4254	804	NA	NA
Intel Core i7-5557U @ 3.10GHz	4948	677	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4306	798	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	809	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	351	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	344	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8392	338	NA	NA
Intel Core i7-5775C @ 3.30GHz	11013	170	25.01	\$440.44*
Intel Core i7-5775R @ 3.30GHz	10837	174	NA	NA
Intel Core i7-5820K @ 3.30GHz	13000	129	28.51	\$456.00
Intel Core i7-5850HQ @ 2.70GHz	9459	259	NA	NA
Intel Core i7-5930K @ 3.50GHz	13641	118	22.25	\$613.07
Intel Core i7-5950HQ @ 2.90GHz	10949	172	NA	NA
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Intel Core i7-5960X @ 3.00GHz	15979	76	17.73	\$901.31
Intel Core i7-6498DU @ 2.50GHz	4562	749	NA	NA
Intel Core i7-6500U @ 2.50GHz	4434	769	NA	NA
Intel Core i7-6560U @ 2.20GHz	4809	704	NA	NA
Intel Core i7-6567U @ 3.30GHz	5630	578	NA	NA
Intel Core i7-6600U @ 2.60GHz	4807	705	NA	NA
Intel Core i7-6650U @ 2.20GHz	4947	678	NA	NA
Intel Core i7-6700 @ 3.40GHz	10036	215	32.97	\$304.44
Intel Core i7-6700HQ @ 2.60GHz	8144	353	5.40	\$1,509.00*
Intel Core i7-6700K @ 4.00GHz	11113	164	24.72	\$449.65
Intel Core i7-6700T @ 2.80GHz	9038	292	26.66	\$339.00*
Intel Core i7-6700TE @ 2.40GHz	8914	304	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9709	242	9.69	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13610	120	33.77	\$402.99
Intel Core i7-6820EQ @ 2.80GHz	8968	298	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9156	283	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8788	315	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	502	NA	NA
Intel Core i7-6850K @ 3.60GHz	14385	101	32.04	\$449.00
Intel Core i7-6900K @ 3.20GHz	17690	51	15.87	\$1,114.59
Intel Core i7-6920HQ @ 2.90GHz	9606	245	NA	NA
Intel Core i7-6950X @ 3.00GHz	20004	28	12.75	\$1,569.00
Intel Core i7-7500U @ 2.70GHz	5214	634	NA	NA
Intel Core i7-7560U @ 2.40GHz	5910	545	NA	NA
Intel Core i7-7567U @ 3.50GHz	6536	486	NA	NA
Intel Core i7-7600U @ 2.80GHz	5583	587	NA	NA
Intel Core i7-7660U @ 2.50GHz	6171	518	NA	NA
Intel Core i7-7700 @ 3.60GHz	10789	175	35.51	\$303.89
Intel Core i7-7700HQ @ 2.80GHz	8873	307	NA	NA
Intel Core i7-7700K @ 4.20GHz	12073	149	41.63	\$289.99
Intel Core i7-7700T @ 2.90GHz	9214	277	26.64	\$345.90
Intel Core i7-7740X @ 4.30GHz	12239	145	34.08	\$359.08
Intel Core i7-7800X @ 3.50GHz	14502	96	39.85	\$363.95
Intel Core i7-7820HK @ 2.90GHz	10070	213	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9479	257	NA	NA
Intel Core i7-7820X @ 3.60GHz	18643	39	40.82	\$456.72
Intel Core i7-7900X @ 3.30GHz	18539	41	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	10183	202	NA	NA
Intel Core i7-8550U @ 1.80GHz	8223	346	NA	NA
Intel Core i7-8650U @ 1.90GHz	9179	279	NA	NA
Intel Core i7-8700 @ 3.20GHz	15243	85	40.71	\$374.45
Intel Core i7-8700K @ 3.70GHz	16086	74	46.36	\$347.00
Intel Core i7-8700T @ 2.40GHz	14281	102	NA	NA
Intel Core i7-8705G @ 3.10GHz	9339	266	NA	NA
Intel Core i7-8809G @ 3.10GHz	10124	209	NA	NA
Intel Core i9-7900X @ 3.30GHz	22225	14	24.11	\$921.99
Intel Core i9-7920X @ 2.90GHz	23286	10	21.15	\$1,101.20
Intel Core i9-7940X @ 3.10GHz	25008	7	18.28	\$1,367.89
Intel Core i9-7960X @ 2.80GHz	25739	5	17.22	\$1,494.99
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Intel Core i9-7980XE @ 2.60GHz	27788	3	14.68	\$1,893.37
Intel Core m3-6Y30 @ 0.90GHz	3051	1096	NA	NA
Intel Core m3-7Y30 @ 1.00GHz	3543	960	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3527	965	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3357	1010	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3200	1049	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3529	964	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2749	1197	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2150	1405	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2820	1170	10.04	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2652	1221	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2527	1264	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1106	NA	NA
Intel Core M-5Y71 @ 1.20GHz	3056	1095	10.88	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	395	2364	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2361	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2279	NA	NA
Intel Core Solo U1300 @ 1.06GHz	276	2518	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2516	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2436	NA	NA
Intel E3000 @ 3.40GHz	2767	1190	NA	NA
Intel Pentium 4 1.40GHz	164	2623	NA	NA
Intel Pentium 4 1.50GHz	131	2639	NA	NA
Intel Pentium 4 1.60GHz	129	2641	NA	NA
Intel Pentium 4 1.70GHz	132	2638	NA	NA
Intel Pentium 4 1.80GHz	161	2626	NA	NA
Intel Pentium 4 1.90GHz	159	2627	NA	NA
Intel Pentium 4 2.00GHz	189	2604	NA	NA
Intel Pentium 4 2.20GHz	210	2587	NA	NA
Intel Pentium 4 2.26GHz	221	2577	NA	NA
Intel Pentium 4 2.40GHz	228	2570	NA	NA
Intel Pentium 4 2.50GHz	245	2554	NA	NA
Intel Pentium 4 2.53GHz	248	2551	NA	NA
Intel Pentium 4 2.60GHz	288	2493	NA	NA
Intel Pentium 4 2.66GHz	254	2541	NA	NA
Intel Pentium 4 2.80GHz	322	2442	NA	NA
Intel Pentium 4 2.93GHz	297	2480	NA	NA
Intel Pentium 4 3.00GHz	353	2414	NA	NA
Intel Pentium 4 3.06GHz	347	2418	NA	NA
Intel Pentium 4 3.20GHz	375	2384	NA	NA
Intel Pentium 4 3.40GHz	396	2363	NA	NA
Intel Pentium 4 3.46GHz	487	2259	NA	NA
Intel Pentium 4 3.60GHz	490	2256	NA	NA
Intel Pentium 4 3.73GHz	486	2261	NA	NA
Intel Pentium 4 3.80GHz	485	2266	NA	NA
Intel Pentium 4 4.00GHz	184	2609	NA	NA
Intel Pentium 4 1300MHz	119	2645	NA	NA
Intel Pentium 4 1400MHz	127	2642	NA	NA
Intel Pentium 4 1500MHz	125	2643	NA	NA
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Intel Pentium 4 1600MHz	193	2603	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2630	NA	NA
Intel Pentium 4 1800MHz	162	2625	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2633	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2599	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2615	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2589	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2618	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2588	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2595	NA	NA
Intel Pentium 5 2.66GHz	705	2141	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	1921	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1153	1891	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	1893	NA	NA
Intel Pentium 987 @ 1.50GHz	1219	1855	NA	NA
Intel Pentium 997 @ 1.60GHz	1448	1730	NA	NA
Intel Pentium 1403 @ 2.60GHz	2747	1199	NA	NA
Intel Pentium 2020M @ 2.40GHz	2289	1349	17.09	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2420	1301	18.07	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1660	1634	12.39	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1824	1547	13.61	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1051	1944	7.85	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2303	1339	NA	NA
Intel Pentium 3556U @ 1.70GHz	1714	1598	NA	NA
Intel Pentium 3558U @ 1.70GHz	1696	1611	NA	NA
Intel Pentium 3560M @ 2.40GHz	2275	1359	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1831	NA	NA
Intel Pentium 3805U @ 1.90GHz	1988	1472	NA	NA
Intel Pentium 3825U @ 1.90GHz	2539	1258	NA	NA
Intel Pentium 4405U @ 2.10GHz	2969	1121	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1440	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2094	1429	13.01	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3203	1048	NA	NA
Intel Pentium A1018 @ 2.10GHz	1605	1659	NA	NA
Intel Pentium B940 @ 2.00GHz	1725	1592	57.63	\$29.94*
Intel Pentium B950 @ 2.10GHz	1716	1597	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1534	37.82	\$48.99*
Intel Pentium B970 @ 2.30GHz	1959	1480	38.42	\$50.99*
Intel Pentium B980 @ 2.40GHz	2047	1446	29.26	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3843	881	29.79	\$129.00*
Intel Pentium D 805 @ 2.66GHz	536	2224	NA	NA
Intel Pentium D 830 @ 3.00GHz	643	2169	NA	NA
Intel Pentium D 915 @ 2.80GHz	583	2197	NA	NA
Intel Pentium D 940 @ 3.20GHz	710	2137	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2121	NA	NA
Intel Pentium D 960 @ 3.60GHz	814	2092	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2060	5.51	\$157.95
Intel Pentium E2160 @ 1.80GHz	998	1981	28.52	\$35.00
Intel Pentium E2180 @ 2.00GHz	1088	1928	41.54	\$26.20*
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Intel Pentium E2200 @ 2.20GHz	1203	1865	7.62	\$157.95
Intel Pentium E2210 @ 2.20GHz	1174	1877	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	1786	8.43	\$157.95
Intel Pentium E5200 @ 2.50GHz	1489	1710	15.04	\$99.00
Intel Pentium E5300 @ 2.60GHz	1542	1685	61.84	\$24.95
Intel Pentium E5400 @ 2.70GHz	1595	1664	10.10	\$157.95
Intel Pentium E5500 @ 2.80GHz	1638	1643	10.37	\$157.95
Intel Pentium E5700 @ 3.00GHz	1742	1584	124.58	\$13.99
Intel Pentium E5800 @ 3.20GHz	1903	1503	43.27	\$44.00
Intel Pentium E6300 @ 2.80GHz	1705	1602	114.08	\$14.95*
Intel Pentium E6500 @ 2.93GHz	1764	1571	11.17	\$157.95
Intel Pentium E6600 @ 3.06GHz	1877	1524	134.09	\$14.00
Intel Pentium E6700 @ 3.20GHz	1942	1489	37.42	\$51.90
Intel Pentium E6800 @ 3.33GHz	2001	1464	2.41	\$831.38*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2044	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	1999	NA	NA
Intel Pentium G620 @ 2.60GHz	2297	1346	91.95	\$24.99
Intel Pentium G620T @ 2.20GHz	2052	1444	25.66	\$79.99*
Intel Pentium G630 @ 2.70GHz	2371	1318	94.92	\$24.99
Intel Pentium G630T @ 2.30GHz	2122	1419	26.54	\$79.99*
Intel Pentium G640 @ 2.80GHz	2528	1262	101.19	\$24.99
Intel Pentium G640T @ 2.40GHz	1894	1511	NA	NA
Intel Pentium G645 @ 2.90GHz	2587	1243	27.24	\$95.00
Intel Pentium G645T @ 2.50GHz	2281	1356	NA	NA
Intel Pentium G840 @ 2.80GHz	2573	1252	42.90	\$59.99*
Intel Pentium G850 @ 2.90GHz	2660	1220	76.22	\$34.90
Intel Pentium G860 @ 3.00GHz	2751	1196	91.76	\$29.99
Intel Pentium G870 @ 3.10GHz	2832	1165	29.20	\$97.00
Intel Pentium G2010 @ 2.80GHz	2622	1230	72.86	\$35.99
Intel Pentium G2020 @ 2.90GHz	2768	1188	46.18	\$59.95
Intel Pentium G2020T @ 2.50GHz	2469	1286	38.58	\$64.00*
Intel Pentium G2030 @ 3.00GHz	2878	1155	70.23	\$40.99
Intel Pentium G2030T @ 2.60GHz	2490	1279	38.91	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1178	NA	NA
Intel Pentium G2120 @ 3.10GHz	3082	1085	35.82	\$86.05
Intel Pentium G2130 @ 3.20GHz	3213	1047	40.17	\$79.99
Intel Pentium G2140 @ 3.30GHz	3384	1001	40.74	\$83.08
Intel Pentium G3220 @ 3.00GHz	3141	1073	30.62	\$102.60*
Intel Pentium G3220T @ 2.60GHz	2601	1238	65.05	\$39.99*
Intel Pentium G3240 @ 3.10GHz	3175	1057	44.80	\$70.88*
Intel Pentium G3240T @ 2.70GHz	2936	1133	NA	NA
Intel Pentium G3250 @ 3.20GHz	3266	1028	34.40	\$94.95*
Intel Pentium G3250T @ 2.80GHz	2970	1119	64.59	\$45.99*
Intel Pentium G3258 @ 3.20GHz	3901	873	14.20	\$274.76
Intel Pentium G3260 @ 3.30GHz	3380	1003	26.29	\$128.59
Intel Pentium G3260T @ 2.90GHz	2914	1136	29.15	\$99.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1311	NA	NA
Intel Pentium G3420 @ 3.20GHz	3410	993	16.93	\$201.41*
Intel Pentium G3420T @ 2.70GHz	3008	1109	18.80	\$159.99
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Intel Pentium G3430 @ 3.30GHz	3474	977	29.92	\$116.15*
Intel Pentium G3440 @ 3.30GHz	3297	1021	20.14	\$163.74
Intel Pentium G3440T @ 2.80GHz	3101	1080	NA	NA
Intel Pentium G3450 @ 3.40GHz	3704	923	21.11	\$175.48*
Intel Pentium G3450T @ 2.90GHz	2967	1122	NA	NA
Intel Pentium G3460 @ 3.50GHz	3594	945	12.47	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3706	922	35.54	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3579	952	65.68	\$54.50
Intel Pentium G4400T @ 2.90GHz	3248	1038	NA	NA
Intel Pentium G4500 @ 3.50GHz	3795	898	53.59	\$70.83
Intel Pentium G4500T @ 3.00GHz	3471	979	NA	NA
Intel Pentium G4520 @ 3.60GHz	4195	815	47.33	\$88.63
Intel Pentium G4560 @ 3.50GHz	4895	686	82.99	\$58.99
Intel Pentium G4560T @ 2.90GHz	4137	830	55.52	\$74.52*
Intel Pentium G4600 @ 3.60GHz	5129	642	56.37	\$90.99
Intel Pentium G4600T @ 3.00GHz	4328	794	49.31	\$87.78*
Intel Pentium G4620 @ 3.70GHz	5263	630	48.93	\$107.59
Intel Pentium G6950 @ 2.80GHz	1859	1532	11.77	\$157.95*
Intel Pentium G6951 @ 2.80GHz	2140	1409	22.77	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2101	1426	NA	NA
Intel Pentium III 933S @ 933MHz	238	2562	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2502	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2515	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2460	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2481	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2478	NA	NA
Intel Pentium III Mobile 750MHz	103	2648	NA	NA
Intel Pentium III Mobile 800MHz	182	2613	NA	NA
Intel Pentium III Mobile 866MHz	152	2631	NA	NA
Intel Pentium III Mobile 933MHz	218	2579	8.58	\$25.51
Intel Pentium III Mobile 1000MHz	245	2553	NA	NA
Intel Pentium III Mobile 1066MHz	268	2527	NA	NA
Intel Pentium III Mobile 1133MHz	251	2547	NA	NA
Intel Pentium III Mobile 1200MHz	262	2534	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1541	NA	NA
Intel Pentium J2900 @ 2.41GHz	1977	1475	NA	NA
Intel Pentium J3710 @ 1.60GHz	1988	1471	NA	NA
Intel Pentium J4205 @ 1.50GHz	2301	1343	NA	NA
Intel Pentium M 1.10GHz	282	2507	NA	NA
Intel Pentium M 1.20GHz	298	2479	NA	NA
Intel Pentium M 1.30GHz	301	2473	NA	NA
Intel Pentium M 1.40GHz	345	2422	NA	NA
Intel Pentium M 1.50GHz	368	2395	NA	NA
Intel Pentium M 1.60GHz	363	2403	NA	NA
Intel Pentium M 1.70GHz	405	2349	NA	NA
Intel Pentium M 1.73GHz	414	2336	NA	NA
Intel Pentium M 1.80GHz	408	2344	NA	NA
Intel Pentium M 1.86GHz	438	2314	NA	NA
Intel Pentium M 2.00GHz	464	2284	NA	NA
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Intel Pentium M 2.10GHz	448	2304	NA	NA
Intel Pentium M 2.13GHz	510	2242	NA	NA
Intel Pentium M 2.26GHz	509	2243	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2270	NA	NA
Intel Pentium M 900MHz	217	2582	NA	NA
Intel Pentium M 1000MHz	233	2567	NA	NA
Intel Pentium M 1100MHz	259	2537	NA	NA
Intel Pentium M 1200MHz	237	2563	NA	NA
Intel Pentium M 1300MHz	303	2467	NA	NA
Intel Pentium M 1400MHz	321	2443	NA	NA
Intel Pentium M 1500MHz	354	2411	NA	NA
Intel Pentium M 1600MHz	332	2434	NA	NA
Intel Pentium M 1700MHz	376	2383	NA	NA
Intel Pentium N3510 @ 1.99GHz	1517	1699	NA	NA
Intel Pentium N3520 @ 2.16GHz	1796	1559	NA	NA
Intel Pentium N3530 @ 2.16GHz	1894	1512	NA	NA
Intel Pentium N3540 @ 2.16GHz	1943	1488	7.75	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1844	1538	4.15	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1873	1529	NA	NA
Intel Pentium N4200 @ 1.10GHz	2020	1456	10.15	\$199.15
Intel Pentium P6000 @ 1.87GHz	1254	1837	NA	NA
Intel Pentium P6100 @ 2.00GHz	1327	1789	110.59	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1348	1778	22.47	\$59.99*
Intel Pentium P6300 @ 2.27GHz	1380	1758	NA	NA
Intel Pentium SU2700 @ 1.30GHz	407	2346	NA	NA
Intel Pentium SU4100 @ 1.30GHz	862	2062	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2074	NA	NA
Intel Pentium T2060 @ 1.60GHz	668	2157	NA	NA
Intel Pentium T2080 @ 1.73GHz	706	2140	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	709	2138	NA	NA
Intel Pentium T2310 @ 1.46GHz	726	2128	NA	NA
Intel Pentium T2330 @ 1.60GHz	836	2080	NA	NA
Intel Pentium T2370 @ 1.73GHz	842	2075	24.08	\$35.00*
Intel Pentium T2390 @ 1.86GHz	941	2021	NA	NA
Intel Pentium T2410 @ 2.00GHz	996	1983	NA	NA
Intel Pentium T3200 @ 2.00GHz	1026	1957	85.55	\$12.00
Intel Pentium T3400 @ 2.16GHz	1116	1903	79.73	\$14.00
Intel Pentium T4200 @ 2.00GHz	1147	1895	95.61	\$12.00
Intel Pentium T4300 @ 2.10GHz	1238	1846	NA	NA
Intel Pentium T4400 @ 2.20GHz	1281	1820	NA	NA
Intel Pentium T4500 @ 2.30GHz	1336	1784	NA	NA
Intel Pentium U5400 @ 1.20GHz	822	2085	NA	NA
Intel Pentium U5600 @ 1.33GHz	938	2024	NA	NA
Intel T1200 @ 1.50GHz	435	2321	NA	NA
Intel T1400 @ 1.73GHz	929	2031	NA	NA
Intel T1500 @ 1.86GHz	940	2023	NA	NA
Intel T2050 @ 2.00GHz	959	2009	NA	NA
Intel Xeon 2.00GHz	233	2566	NA	NA
Intel XEON 2.20GHz	252	2544	NA	NA
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Intel Xeon 2.40GHz	276	2519	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2320	NA	NA
Intel Xeon 2.80GHz	400	2358	NA	NA
Intel Xeon 3.00GHz	391	2370	NA	NA
Intel Xeon 3.06GHz	491	2253	NA	NA
Intel Xeon 3.20GHz	461	2289	NA	NA
Intel Xeon 3.40GHz	478	2273	NA	NA
Intel Xeon 3.60GHz	500	2249	0.59	\$851.00*
Intel Xeon 3.73GHz	1041	1949	NA	NA
Intel Xeon 3.80GHz	604	2188	0.71	\$851.00*
Intel Xeon 1500MHz	193	2602	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1818	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1311	1795	52.04	\$25.20*
Intel Xeon 3060 @ 2.40GHz	1518	1697	4.90	\$309.95*
Intel Xeon 3065 @ 2.33GHz	1504	1706	71.99	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1776	1566	4.34	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1540	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1678	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	1935	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1249	1841	0.74	\$1,683.98*
Intel Xeon 5130 @ 2.00GHz	1378	1759	35.89	\$38.40*
Intel Xeon 5133 @ 2.20GHz	1598	1663	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1642	34.89	\$46.99
Intel Xeon 5148 @ 2.33GHz	1590	1667	39.78	\$39.99*
Intel Xeon 5150 @ 2.66GHz	1750	1579	109.48	\$15.99*
Intel Xeon 5160 @ 3.00GHz	1968	1478	134.82	\$14.60*
Intel Xeon @ 2.20GHz	1902	1506	NA	NA
Intel Xeon D-1518 @ 2.20GHz	5322	625	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	564	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	450	NA	NA
Intel Xeon D-1528 @ 1.90GHz	7946	372	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	239	27.96	\$348.00*
Intel Xeon D-1540 @ 2.00GHz	10573	183	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11037	167	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	360	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14693	92	NA	NA
Intel Xeon D-1587 @ 1.70GHz	13950	111	NA	NA
Intel Xeon E3-1220 @ 3.10GHz	6103	530	11.97	\$509.95
Intel Xeon E3-1220 V2 @ 3.10GHz	6665	474	30.47	\$218.80
Intel Xeon E3-1220 v3 @ 3.10GHz	7039	445	29.74	\$236.66
Intel Xeon E3-1220 v5 @ 3.00GHz	7670	392	31.89	\$240.52
Intel Xeon E3-1220 v6 @ 3.00GHz	8010	366	38.15	\$209.99
Intel Xeon E3-1220L @ 2.20GHz	3563	956	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4464	765	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1423	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5918	543	23.96	\$247.02*
Intel Xeon E3-1225 V2 @ 3.20GHz	6838	462	13.50	\$506.59*
Intel Xeon E3-1225 v3 @ 3.20GHz	7188	430	15.68	\$458.34
Intel Xeon E3-1225 v5 @ 3.30GHz	7859	376	30.23	\$259.99
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Intel Xeon E3-1225 v6 @ 3.30GHz	8337	341	34.03	\$244.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7573	400	18.01	\$420.52*
Intel Xeon E3-1230 @ 3.20GHz	7908	375	36.78	\$215.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8851	310	28.60	\$309.50
Intel Xeon E3-1230 v3 @ 3.30GHz	9332	267	35.67	\$261.66*
Intel Xeon E3-1230 v5 @ 3.40GHz	9766	237	32.58	\$299.80*
Intel Xeon E3-1230 v6 @ 3.50GHz	9833	229	38.62	\$254.65
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	427	25.12	\$287.90
Intel Xeon E3-1231 v3 @ 3.40GHz	9640	244	29.24	\$329.66
Intel Xeon E3-1235 @ 3.20GHz	7680	391	31.48	\$244.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6122	526	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7968	370	40.62	\$196.19
Intel Xeon E3-1240 V2 @ 3.40GHz	9167	281	26.35	\$347.95
Intel Xeon E3-1240 v3 @ 3.40GHz	9699	243	25.23	\$384.40
Intel Xeon E3-1240 v5 @ 3.50GHz	10410	189	30.95	\$336.32
Intel Xeon E3-1240 v6 @ 3.70GHz	10176	203	33.15	\$306.96
Intel Xeon E3-1240L v3 @ 2.00GHz	7487	406	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	380	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10035	216	21.96	\$456.98*
Intel Xeon E3-1245 @ 3.30GHz	8048	362	31.56	\$255.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9111	288	15.00	\$607.59*
Intel Xeon E3-1245 v3 @ 3.40GHz	9577	246	16.35	\$585.81
Intel Xeon E3-1245 v5 @ 3.50GHz	10267	195	29.77	\$344.88
Intel Xeon E3-1245 v6 @ 3.70GHz	10410	190	34.76	\$299.53
Intel Xeon E3-1246 v3 @ 3.50GHz	9908	222	21.07	\$470.24*
Intel Xeon E3-1260L @ 2.40GHz	6534	487	17.94	\$364.22*
Intel Xeon E3-1260L v5 @ 2.90GHz	10136	206	24.25	\$418.00*
Intel Xeon E3-1265L @ 2.40GHz	6038	534	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7779	382	54.62	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	8713	318	12.27	\$709.95
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	377	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	9175	280	24.34	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8233	345	22.31	\$369.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9481	256	33.01	\$287.20
Intel Xeon E3-1270 v3 @ 3.50GHz	9871	227	26.68	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10325	192	32.39	\$318.80
Intel Xeon E3-1270 v6 @ 3.80GHz	11144	163	31.49	\$353.90
Intel Xeon E3-1271 v3 @ 3.60GHz	10089	212	20.55	\$490.96
Intel Xeon E3-1275 @ 3.40GHz	8348	339	27.46	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9344	264	31.15	\$299.99
Intel Xeon E3-1275 v3 @ 3.50GHz	9856	228	24.58	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10390	191	21.65	\$480.00*
Intel Xeon E3-1275 v6 @ 3.80GHz	11035	168	30.00	\$367.90
Intel Xeon E3-1275L v3 @ 2.70GHz	8827	313	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10218	198	18.62	\$548.91*
Intel Xeon E3-1280 @ 3.50GHz	8473	333	6.49	\$1,304.96
Intel Xeon E3-1280 V2 @ 3.60GHz	9561	248	14.82	\$644.99*
Intel Xeon E3-1280 v3 @ 3.60GHz	9720	241	13.94	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	181	16.44	\$649.00
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Intel Xeon E3-1280 v6 @ 3.90GHz	11262	160	NA	NA
Intel Xeon E3-1281 v3 @ 3.70GHz	10295	194	11.73	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10115	210	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11689	156	25.98	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	10010	217	12.37	\$809.00
Intel Xeon E3-1285L v4 @ 3.40GHz	11224	161	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	225	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	10129	207	13.09	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	319	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9749	238	11.02	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	441	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8922	303	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9955	221	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10509	185	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9277	272	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10767	177	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10474	186	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10740	180	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10657	182	NA	NA
Intel Xeon E5-1410 @ 2.80GHz	7312	422	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7420	411	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5528	593	33.51	\$164.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6130	525	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6420	503	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5842	554	212.47	\$27.50*
Intel Xeon E5-1607 v2 @ 3.00GHz	6157	520	19.67	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6950	452	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7352	419	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9074	289	17.79	\$510.00
Intel Xeon E5-1620 v2 @ 3.70GHz	9537	249	28.99	\$329.00
Intel Xeon E5-1620 v3 @ 3.50GHz	9766	236	28.28	\$345.38
Intel Xeon E5-1620 v4 @ 3.50GHz	9969	220	30.48	\$327.11
Intel Xeon E5-1630 v3 @ 3.70GHz	10251	197	17.15	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10315	193	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11763	155	67.22	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12666	136	19.64	\$644.95*
Intel Xeon E5-1650 v3 @ 3.50GHz	13602	121	20.37	\$667.78
Intel Xeon E5-1650 v4 @ 3.60GHz	14241	103	22.61	\$629.99*
Intel Xeon E5-1660 @ 3.30GHz	12377	142	10.09	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13777	115	7.62	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14423	99	8.92	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16262	70	NA	NA
Intel Xeon E5-1680 v2 @ 3.00GHz	16543	63	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16707	59	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17089	55	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	43	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	966	9.04	\$389.69*
Intel Xeon E5-2403 v2 @ 1.80GHz	3492	971	15.67	\$222.84*
Intel Xeon E5-2407 @ 2.20GHz	3832	886	11.44	\$335.04*
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Intel Xeon E5-2407 v2 @ 2.40GHz	4575	746	9.61	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	635	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7139	435	20.94	\$341.04
Intel Xeon E5-2420 v2 @ 2.20GHz	8647	325	15.44	\$559.95
Intel Xeon E5-2430 @ 2.20GHz	6878	458	20.53	\$335.00
Intel Xeon E5-2430 v2 @ 2.50GHz	8608	328	37.27	\$230.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	480	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9319	269	12.51	\$745.00
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	260	23.56	\$400.00*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	300	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	200	14.10	\$722.22*
Intel Xeon E5-2450L @ 1.80GHz	7389	417	113.70	\$64.99
Intel Xeon E5-2470 @ 2.30GHz	10061	214	31.77	\$316.72*
Intel Xeon E5-2603 @ 1.80GHz	3570	954	8.62	\$414.46*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	911	9.89	\$380.82*
Intel Xeon E5-2603 v3 @ 1.60GHz	5140	640	23.37	\$219.95
Intel Xeon E5-2603 v4 @ 1.70GHz	5473	600	23.80	\$229.99*
Intel Xeon E5-2608L v3 @ 2.00GHz	7768	384	17.62	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4624	734	37.45	\$123.48
Intel Xeon E5-2609 v2 @ 2.50GHz	5091	650	10.52	\$484.01
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	540	20.48	\$290.00
Intel Xeon E5-2609 v4 @ 1.70GHz	6920	456	15.95	\$434.00*
Intel Xeon E5-2618L v3 @ 2.30GHz	12508	140	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	95	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7935	373	39.10	\$202.98
Intel Xeon E5-2620 v2 @ 2.10GHz	8686	320	19.11	\$454.60
Intel Xeon E5-2620 v3 @ 2.40GHz	10001	218	14.08	\$710.53
Intel Xeon E5-2620 v4 @ 2.10GHz	11339	158	18.89	\$600.21
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	302	22.07	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8090	357	14.74	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	262	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	151	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13041	127	9.56	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	169	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8854	309	55.33	\$160.02
Intel Xeon E5-2630 v2 @ 2.60GHz	10425	188	22.09	\$471.87
Intel Xeon E5-2630 v3 @ 2.40GHz	12828	132	19.20	\$667.99
Intel Xeon E5-2630 v4 @ 2.20GHz	13918	112	19.18	\$725.72
Intel Xeon E5-2630L @ 2.00GHz	8001	368	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9812	231	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9216	276	12.26	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	131	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9504	253	5.86	\$1,622.17*
Intel Xeon E5-2637 v3 @ 3.50GHz	10128	208	7.82	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10470	187	9.22	\$1,136.00*
Intel Xeon E5-2640 @ 2.50GHz	9500	254	88.55	\$107.29
Intel Xeon E5-2640 v2 @ 2.00GHz	9904	223	20.60	\$480.68
Intel Xeon E5-2640 v3 @ 2.60GHz	14077	108	14.43	\$975.24*
Intel Xeon E5-2640 v4 @ 2.40GHz	15331	84	15.56	\$985.00
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Intel Xeon E5-2643 @ 3.30GHz	8490	331	15.69	\$541.09*
Intel Xeon E5-2643 v2 @ 3.50GHz	12324	144	8.75	\$1,409.05
Intel Xeon E5-2643 v3 @ 3.40GHz	13801	114	7.54	\$1,829.48
Intel Xeon E5-2643 v4 @ 3.40GHz	13600	122	7.91	\$1,719.05*
Intel Xeon E5-2648L v3 @ 1.80GHz	12332	143	8.75	\$1,409.02*
Intel Xeon E5-2648L v4 @ 1.80GHz	12883	130	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14673	93	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10159	204	85.26	\$119.16
Intel Xeon E5-2650 v2 @ 2.60GHz	13066	126	24.13	\$541.59
Intel Xeon E5-2650 v3 @ 2.30GHz	14941	90	15.09	\$990.00
Intel Xeon E5-2650 v4 @ 2.20GHz	15975	77	13.65	\$1,169.99*
Intel Xeon E5-2650L @ 1.80GHz	8676	321	109.83	\$79.00
Intel Xeon E5-2650L v3 @ 1.80GHz	13390	124	13.26	\$1,010.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	107	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	159	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	255	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	106	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	68	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16290	69	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11100	165	97.26	\$114.14
Intel Xeon E5-2660 v2 @ 2.20GHz	13564	123	25.72	\$527.50*
Intel Xeon E5-2660 v3 @ 2.60GHz	16151	72	10.56	\$1,529.95
Intel Xeon E5-2660 v4 @ 2.00GHz	17786	49	11.94	\$1,489.99
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	110	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11776	154	83.23	\$141.50*
Intel Xeon E5-2667 @ 2.90GHz	10256	196	54.66	\$187.65*
Intel Xeon E5-2667 v2 @ 3.30GHz	16175	71	21.18	\$763.56
Intel Xeon E5-2667 v3 @ 3.20GHz	16101	73	7.12	\$2,259.95*
Intel Xeon E5-2667 v4 @ 3.20GHz	16654	61	6.70	\$2,486.48*
Intel Xeon E5-2670 @ 2.60GHz	12218	146	39.48	\$309.50
Intel Xeon E5-2670 v2 @ 2.50GHz	15031	88	29.56	\$508.49
Intel Xeon E5-2670 v3 @ 2.30GHz	16619	62	11.46	\$1,450.00
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	67	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16982	56	24.26	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21625	17	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15156	87	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17652	52	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	57	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25236	6	9.34	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12789	134	65.53	\$195.17
Intel Xeon E5-2680 v2 @ 2.80GHz	15958	78	39.66	\$402.41
Intel Xeon E5-2680 v3 @ 2.50GHz	18626	40	9.75	\$1,909.95
Intel Xeon E5-2680 v4 @ 2.40GHz	19953	30	11.32	\$1,762.90*
Intel Xeon E5-2682 v4 @ 2.50GHz	15333	83	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17422	53	8.78	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	36	10.03	\$1,899.99*
Intel Xeon E5-2685 v3 @ 2.60GHz	14154	105	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	34	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14404	100	14.93	\$964.98*
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Intel Xeon E5-2687W v2 @ 3.40GHz	16507	64	4.45	\$3,713.55*
Intel Xeon E5-2687W v3 @ 3.10GHz	17719	50	5.89	\$3,009.95
Intel Xeon E5-2687W v4 @ 3.00GHz	19979	29	9.03	\$2,211.95*
Intel Xeon E5-2689 @ 2.60GHz	13747	117	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19521	33	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	14003	109	59.72	\$234.49
Intel Xeon E5-2690 v2 @ 3.00GHz	16503	65	5.41	\$3,049.09
Intel Xeon E5-2690 v3 @ 2.60GHz	19240	35	8.15	\$2,359.99*
Intel Xeon E5-2690 v4 @ 2.60GHz	21323	22	8.64	\$2,468.91
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	75	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15847	79	8.93	\$1,774.85*
Intel Xeon E5-2695 v3 @ 2.30GHz	20346	25	8.14	\$2,499.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	26	8.15	\$2,484.97
Intel Xeon E5-2696 v2 @ 2.50GHz	16681	60	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22526	12	9.02	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21331	21	7.09	\$3,009.95
Intel Xeon E5-2697 v2 @ 2.70GHz	17405	54	7.79	\$2,235.02
Intel Xeon E5-2697 v3 @ 2.60GHz	21488	20	8.07	\$2,661.90*
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	19	7.67	\$2,805.00
Intel Xeon E5-2697A v4 @ 2.60GHz	23609	8	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21149	23	6.18	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21789	16	6.75	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22358	13	6.67	\$3,353.90
Intel Xeon E5-2699 v4 @ 2.20GHz	23392	9	2.92	\$8,010.00*
Intel Xeon E5-4603 @ 2.00GHz	5014	666	2.65	\$1,890.99
Intel Xeon E5-4617 @ 2.90GHz	8855	308	98.51	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	354	2.31	\$3,519.97*
Intel Xeon E5-4627 v3 @ 2.60GHz	14219	104	5.92	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	81	NA	NA
Intel Xeon E5-4640 @ 2.40GHz	10523	184	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	135	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	166	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	12085	148	24.57	\$491.80*
Intel Xeon E5-4650L @ 2.60GHz	11821	152	1.36	\$8,684.50*
Intel Xeon E5-4660 v3 @ 2.10GHz	18007	47	3.75	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	119	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1076	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2170	1398	76.43	\$28.40*
Intel Xeon E3113 @ 3.00GHz	2427	1297	NA	NA
Intel Xeon E3120 @ 3.16GHz	2241	1375	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1748	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1299	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1365	8.71	\$259.95*
Intel Xeon E5320 @ 1.86GHz	2279	1358	14.43	\$157.95*
Intel Xeon E5335 @ 2.00GHz	2513	1271	8.13	\$309.00*
Intel Xeon E5345 @ 2.33GHz	2934	1134	70.21	\$41.80*
Intel Xeon E5405 @ 2.00GHz	2864	1157	101.93	\$28.10*
Intel Xeon E5410 @ 2.33GHz	3270	1026	90.85	\$36.00*
Intel Xeon E5420 @ 2.50GHz	3533	963	13.59	\$259.95
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Intel Xeon E5430 @ 2.66GHz	3787	902	105.20	\$36.00*
Intel Xeon E5440 @ 2.83GHz	3981	857	102.39	\$38.89
Intel Xeon E5450 @ 3.00GHz	4223	810	77.50	\$54.50
Intel Xeon E5462 @ 2.80GHz	3904	872	143.01	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4141	829	75.57	\$54.80*
Intel Xeon E5502 @ 1.87GHz	1375	1762	14.48	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1752	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2724	1205	98.34	\$27.70*
Intel Xeon E5506 @ 2.13GHz	2976	1117	43.13	\$69.00*
Intel Xeon E5507 @ 2.27GHz	3143	1072	6.88	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4447	766	157.15	\$28.30*
Intel Xeon E5530 @ 2.40GHz	4605	737	186.17	\$24.74*
Intel Xeon E5540 @ 2.53GHz	4768	711	166.49	\$28.64
Intel Xeon E5603 @ 1.60GHz	2366	1321	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3043	1099	103.52	\$29.40*
Intel Xeon E5607 @ 2.27GHz	3398	1000	24.11	\$141.00*
Intel Xeon E5620 @ 2.40GHz	4860	691	70.44	\$69.00
Intel Xeon E5630 @ 2.53GHz	5109	647	49.99	\$102.21*
Intel Xeon E5640 @ 2.67GHz	5309	627	29.51	\$179.95*
Intel Xeon E5645 @ 2.40GHz	6528	488	74.65	\$87.45*
Intel Xeon E5649 @ 2.53GHz	6936	453	29.45	\$235.49*
Intel Xeon E7320 @ 2.13GHz	2413	1304	NA	NA
Intel Xeon Gold 6128 @ 3.40GHz	14959	89	8.82	\$1,697.00*
Intel Xeon Gold 6130 @ 2.10GHz	20222	27	10.18	\$1,987.08
Intel Xeon Gold 6134 @ 3.20GHz	18083	45	7.70	\$2,348.26*
Intel Xeon Gold 6136 @ 3.00GHz	20412	24	NA	NA
Intel Xeon Gold 6144 @ 3.50GHz	19833	31	6.78	\$2,925.00*
Intel Xeon Gold 6154 @ 3.00GHz	27789	2	7.84	\$3,543.00*
Intel Xeon L3110 @ 3.00GHz	2273	1362	NA	NA
Intel Xeon L3360 @ 2.83GHz	3820	889	42.81	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1782	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	882	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1548	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1363	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1361	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1411	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1194	72.15	\$38.20*
Intel Xeon L5408 @ 2.13GHz	3014	1108	NA	NA
Intel Xeon L5410 @ 2.33GHz	3414	991	34.11	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3503	969	113.00	\$31.00*
Intel Xeon L5430 @ 2.66GHz	3776	908	23.91	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	921	29.73	\$125.00*
Intel Xeon L5520 @ 2.27GHz	4387	779	164.31	\$26.70*
Intel Xeon L5530 @ 2.40GHz	4351	789	97.14	\$44.80*
Intel Xeon L5630 @ 2.13GHz	4369	783	274.78	\$15.90*
Intel Xeon L5638 @ 2.00GHz	5556	589	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	7021	446	NA	NA
Intel Xeon L5640 @ 2.27GHz	6444	494	117.18	\$55.00*
Intel Xeon L7455 @ 2.13GHz	3836	884	NA	NA
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Intel Xeon MV 3.20GHz	683	2151	NA	NA
Intel Xeon Platinum 8173M @ 2.00GHz	28860	1	NA	NA
Intel Xeon Silver 4110 @ 2.10GHz	11631	157	21.54	\$539.99
Intel Xeon Silver 4112 @ 2.60GHz	8613	327	16.42	\$524.48*
Intel Xeon Silver 4114 @ 2.20GHz	14466	97	19.43	\$744.73
Intel Xeon Silver 4116 @ 2.10GHz	16723	58	16.53	\$1,012.00*
Intel Xeon W3503 @ 2.40GHz	1761	1573	27.10	\$64.99*
Intel Xeon W3505 @ 2.53GHz	1856	1533	NA	NA
Intel Xeon W3520 @ 2.67GHz	5058	656	202.36	\$25.00
Intel Xeon W3530 @ 2.80GHz	5363	619	89.46	\$59.95*
Intel Xeon W3540 @ 2.93GHz	5474	599	15.21	\$359.95*
Intel Xeon W3550 @ 3.07GHz	5709	570	24.29	\$235.00*
Intel Xeon W3565 @ 3.20GHz	5946	539	85.02	\$69.95
Intel Xeon W3570 @ 3.20GHz	6109	529	12.73	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6433	498	29.99	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8175	350	27.71	\$295.00*
Intel Xeon W3680 @ 3.33GHz	9157	282	20.20	\$453.45*
Intel Xeon W3690 @ 3.47GHz	9251	273	4.09	\$2,260.61
Intel Xeon W5580 @ 3.20GHz	5836	555	71.18	\$82.00*
Intel Xeon W5590 @ 3.33GHz	6183	516	22.90	\$269.99*
Intel Xeon W-2123 @ 3.60GHz	10976	171	37.34	\$294.00*
Intel Xeon W-2125 @ 4.00GHz	12658	137	28.51	\$444.00*
Intel Xeon W-2133 @ 3.60GHz	14447	98	23.42	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16420	66	19.66	\$835.00*
Intel Xeon W-2140B @ 3.20GHz	18016	46	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19793	32	17.78	\$1,113.00*
Intel Xeon W-2150B @ 3.00GHz	21581	18	NA	NA
Intel Xeon W-2155 @ 3.30GHz	22786	11	15.82	\$1,440.00*
Intel Xeon W-2195 @ 2.30GHz	26470	4	10.37	\$2,553.00*
Intel Xeon X3210 @ 2.13GHz	2771	1185	18.60	\$149.00*
Intel Xeon X3220 @ 2.40GHz	3096	1081	12.09	\$256.07*
Intel Xeon X3230 @ 2.66GHz	3431	986	9.53	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3335	1013	14.53	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3160	1066	44.52	\$70.99*
Intel Xeon X3330 @ 2.66GHz	3376	1004	16.08	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3898	874	64.98	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3881	877	58.27	\$66.61*
Intel Xeon X3360 @ 2.83GHz	3979	859	14.97	\$265.75*
Intel Xeon X3363 @ 2.83GHz	4041	842	25.59	\$157.95*
Intel Xeon X3370 @ 3.00GHz	4300	800	11.72	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4697	719	NA	NA
Intel Xeon X3430 @ 2.40GHz	3371	1006	16.86	\$200.00
Intel Xeon X3440 @ 2.53GHz	4557	750	20.26	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4871	689	37.47	\$130.00
Intel Xeon X3460 @ 2.80GHz	5117	645	67.78	\$75.50*
Intel Xeon X3470 @ 2.93GHz	5187	636	10.17	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	575	NA	NA
Intel Xeon X5260 @ 3.33GHz	2451	1289	17.61	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2524	1265	NA	NA
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Intel Xeon X5272 @ 3.40GHz	2394	1310	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3258	1035	54.03	\$60.30*
Intel Xeon X5365 @ 3.00GHz	3491	972	28.16	\$123.99*
Intel Xeon X5450 @ 3.00GHz	4153	827	72.87	\$56.99*
Intel Xeon X5460 @ 3.16GHz	4365	784	71.58	\$60.99
Intel Xeon X5470 @ 3.33GHz	4637	729	15.78	\$293.87*
Intel Xeon X5472 @ 3.00GHz	4023	846	17.88	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4572	748	45.73	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4829	699	3.47	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5415	610	242.86	\$22.30*
Intel Xeon X5560 @ 2.80GHz	5399	612	94.89	\$56.90*
Intel Xeon X5570 @ 2.93GHz	5679	573	120.22	\$47.24
Intel Xeon X5647 @ 2.93GHz	5980	536	29.94	\$199.75
Intel Xeon X5650 @ 2.67GHz	7442	408	107.64	\$69.14
Intel Xeon X5660 @ 2.80GHz	7643	393	107.92	\$70.82
Intel Xeon X5667 @ 3.07GHz	4722	714	34.98	\$135.00*
Intel Xeon X5670 @ 2.93GHz	7967	371	118.92	\$67.00
Intel Xeon X5672 @ 3.20GHz	6438	495	55.93	\$115.12*
Intel Xeon X5675 @ 3.07GHz	8484	332	35.50	\$239.00
Intel Xeon X5677 @ 3.47GHz	6963	451	19.90	\$350.00*
Intel Xeon X5679 @ 3.20GHz	8845	311	NA	NA
Intel Xeon X5680 @ 3.33GHz	8614	326	57.52	\$149.75
Intel Xeon X5687 @ 3.60GHz	7123	438	75.82	\$93.95
Intel Xeon X5690 @ 3.47GHz	8971	297	49.84	\$180.00
Intel Xeon X5698 @ 4.40GHz	4272	801	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1116	NA	NA
Mobile AMD Athlon 4	314	2452	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2407	NA	NA
Mobile AMD Athlon 64 2700+	398	2359	NA	NA
Mobile AMD Athlon 64 2800+	440	2311	NA	NA
Mobile AMD Athlon 64 3000+	450	2301	NA	NA
Mobile AMD Athlon 64 3200+	448	2305	NA	NA
Mobile AMD Athlon 64 3400+	511	2240	NA	NA
Mobile AMD Athlon 64 3700+	435	2322	NA	NA
Mobile AMD Athlon 64 4000+	576	2201	NA	NA
Mobile AMD Athlon 1400+	266	2530	NA	NA
Mobile AMD Athlon 2500+	370	2391	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2531	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2381	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2484	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2251	NA	NA
Mobile AMD Athlon XP	572	2206	48.12	\$11.89
Mobile AMD Athlon XP-M	512	2239	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2611	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2535	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2538	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2440	NA	NA
Mobile AMD Athlon XP-M 1800+	312	2456	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2425	NA	NA
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Mobile AMD Athlon XP-M 2000+	300	2474	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2401	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2421	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2419	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2390	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2399	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2398	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2312	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2260	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2244	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2491	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2483	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2431	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2388	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2277	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2245	NA	NA
Mobile AMD Sempron 2100+	252	2545	NA	NA
Mobile AMD Sempron 2600+	394	2366	NA	NA
Mobile AMD Sempron 2800+	358	2408	NA	NA
Mobile AMD Sempron 3000+	389	2374	NA	NA
Mobile AMD Sempron 3100+	416	2334	NA	NA
Mobile AMD Sempron 3200+	354	2412	NA	NA
Mobile AMD Sempron 3300+	444	2308	NA	NA
Mobile AMD Sempron 3400+	448	2303	NA	NA
Mobile AMD Sempron 3500+	408	2345	NA	NA
Mobile AMD Sempron 3600+	430	2326	NA	NA
Mobile AMD Sempron 3800+	485	2264	NA	NA
Mobile Intel Celeron 1.20GHz	170	2621	NA	NA
Mobile Intel Celeron 1.50GHz	188	2605	NA	NA
Mobile Intel Celeron 1.60GHz	188	2606	NA	NA
Mobile Intel Celeron 1.70GHz	181	2614	NA	NA
Mobile Intel Celeron 1.80GHz	186	2608	NA	NA
Mobile Intel Celeron 2.00GHz	204	2593	NA	NA
Mobile Intel Celeron 2.20GHz	226	2573	NA	NA
Mobile Intel Celeron 2.40GHz	239	2560	NA	NA
Mobile Intel Celeron 2.50GHz	281	2510	NA	NA
Mobile Intel Celeron 1200MHz	294	2485	NA	NA
Mobile Intel Celeron 1333MHz	309	2461	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2517	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2533	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2514	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2450	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2429	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2409	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2313	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2274	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2600	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2620	0.89	\$193.99
Mobile Intel Pentium 4 - M 1.80GHz	176	2617	NA	NA
CPU Name		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)
	Passmark CPU Mark (higher is better)			
Mobile Intel Pentium 4 - M 1.90GHz	232	2568	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2596	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2598	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2584	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2540	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2453	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2586	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2597	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2549	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2489	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2574	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2490	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1277	NA	NA
Quad-Core AMD Opteron 1385	3442	985	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3418	990	NA	NA
VIA C3 Ezra	100	2649	NA	NA
VIA C7 1500MHz	284	2503	NA	NA
VIA C7-D 1500MHz	287	2497	NA	NA
VIA C7-D 1800MHz	203	2594	NA	NA
VIA C7-D 2000MHz	368	2394	NA	NA
VIA C7-M 1000MHz	164	2624	NA	NA
VIA C7-M 1200MHz	140	2636	NA	NA
VIA C7-M 1600MHz	178	2616	NA	NA
VIA C7-M 6300MHz	222	2576	NA	NA
VIA Eden 800MHz	155	2628	NA	NA
VIA Eden 1000MHz	123	2644	NA	NA
VIA Eden 1200MHz	142	2635	NA	NA
VIA Eden C1050@1.06GHz	352	2415	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2272	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	1896	NA	NA
VIA Esther 1000MHz	169	2622	NA	NA
VIA Esther 1300MHz	250	2548	NA	NA
VIA Esther 1500MHz	219	2578	NA	NA
VIA Esther 2000MHz	394	2365	NA	NA
VIA Nano L1900@1400MHz	457	2293	NA	NA
VIA Nano L2007@1600MHz	369	2392	NA	NA
VIA Nano L2100@1800MHz	428	2328	NA	NA
VIA Nano L2207@1600MHz	296	2482	NA	NA
VIA Nano L3025@1600MHz	517	2236	NA	NA
VIA Nano L3050@1800MHz	581	2199	NA	NA
VIA Nano L3600@2000MHz	645	2166	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2382	NA	NA
VIA Nano U2250@1300+MHz	274	2522	NA	NA
VIA Nano U2500@1200MHz	306	2465	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2248	NA	NA
VIA Nano U3300@1200MHz	409	2341	NA	NA
VIA Nano U3500@1000MHz	275	2520	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2186	NA	NA
VIA Nehemiah	155	2629	NA	NA
CPU Name		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)
	Passmark CPU Mark (higher is better)			
VIA QuadCore C4650@2.0GHz	1940	1490	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1769	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	1879	NA	NA
VIA Samuel 2	79	2651	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	349	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	355	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	398	NA	NA
[Dual CPU] AMD EPYC 7281	12720	143	9.27	\$1,372.08
[Dual CPU] AMD EPYC 7401	23518	46	5.88	\$3,999.98
[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	387	11.30	\$99.98
[Dual CPU] AMD Opteron 248	1053	388	43.88	\$24.00
[Dual CPU] AMD Opteron 250	1438	384	65.36	\$22.00
[Dual CPU] AMD Opteron 252	1385	385	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	393	NA	NA
[Dual CPU] AMD Opteron 256	1853	381	48.76	\$38.00*
[Dual CPU] AMD Opteron 270	2226	376	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	379	9.70	\$219.90
[Dual CPU] AMD Opteron 280	2452	372	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	364	NA	NA
[Dual CPU] AMD Opteron 290	2807	361	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	358	NA	NA
[Dual CPU] AMD Opteron 2212	2203	377	91.79	\$24.00
[Dual CPU] AMD Opteron 2214 HE	2463	371	NA	NA
[Dual CPU] AMD Opteron 2216	2485	369	6.98	\$356.00
[Dual CPU] AMD Opteron 2216 HE	2593	367	NA	NA
[Dual CPU] AMD Opteron 2218	2719	365	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	368	NA	NA
[Dual CPU] AMD Opteron 2220	2850	359	0.97	\$2,950.32
[Dual CPU] AMD Opteron 2220 SE	2882	357	75.84	\$38.00
[Dual CPU] AMD Opteron 2222	2972	354	0.89	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	347	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	337	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	344	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4090	338	7.57	\$539.98*
[Dual CPU] AMD Opteron 2354	4566	327	6.88	\$664.02*
[Dual CPU] AMD Opteron 2356	4487	329	150.07	\$29.90

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[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	286	NA	NA
[Dual CPU] AMD Opteron 2427	5980	292	31.43	\$190.28*
[Dual CPU] AMD Opteron 2431	6438	279	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7124	263	29.58	\$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	339	7.84	\$519.90
[Dual CPU] AMD Opteron 4130	5651	300	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	281	9.33	\$679.90
[Dual CPU] AMD Opteron 4180	6212	285	13.80	\$450.08
[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	328	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	\$7,537.88
[Dual CPU] AMD Opteron 6176 SE	8448	224	15.30	\$552.00*
[Dual CPU] AMD Opteron 6180 SE	3114	350	NA	NA
[Dual CPU] AMD Opteron 6204	7134	262	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	194	NA	NA
[Dual CPU] AMD Opteron 6276	10194	188	15.16	\$672.36
[Dual CPU] AMD Opteron 6284 SE	11985	155	NA	NA
[Dual CPU] AMD Opteron 6308	8351	227	8.24	\$1,013.68*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[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	356	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	360	117.96	\$24.00
[Dual CPU] AMD Opteron 8222 SE	2793	363	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	348	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)
[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	295	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	386	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	374	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	343	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	407	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	405	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	401	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	403	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	408	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	409	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	406	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	479	404	26.32	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	399	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	687	395	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	784	394	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	397	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	856	392	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	892	391	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	926	390	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1862	380	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	998	389	0.59	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2148	378	6.71	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	373	0.69	\$3,367.96*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2614	366	34.04	\$76.80*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	351	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2987	353	31.78	\$93.98
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	352	37.50	\$79.98*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3451	345	107.91	\$31.98*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3848	341	131.78	\$29.20*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	9410	205	18.67	\$504.00
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	5988	291	7.68	\$779.38*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	283	14.14	\$445.68*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7569	254	11.30	\$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	11724	160	17.19	\$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	136	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	142	16.07	\$800.00*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	134	9.50	\$1,444.44*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11866	157	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	109	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	8228	232	33.32	\$246.96
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8822	215	9.11	\$968.02
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10019	192	17.27	\$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	12455	146	30.68	\$405.96
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13464	141	14.81	\$909.20
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15309	121	10.77	\$1,421.06
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16524	110	13.77	\$1,200.42
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14155	131	17.48	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	11873	156	10.81	\$1,098.00*
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13616	139	42.54	\$320.04
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16121	113	17.08	\$943.74
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18589	91	13.91	\$1,335.98
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18903	90	13.02	\$1,451.44
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	171	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	137	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15176	122	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	14765	125	68.81	\$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	20625	75	10.47	\$1,970.00
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13604	140	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	21705	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	158	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

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19073	89	17.61	\$1,083.18
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20517	78	10.36	\$1,980.00
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20601	76	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	13948	133	26.93	\$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
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16653	108	72.95	\$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	50	7.76	\$2,979.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	49	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	23021	53	15.07	\$1,527.12
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23109	51	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	29.53	\$619.00
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	21515	64	21.16	\$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	52	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	27.49	\$804.82
[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	21108	69	5.32	\$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	21041	71	10.90	\$1,929.96*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23519	45	3.17	\$7,427.10*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24220	38	4.02	\$6,019.90
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26695	23	6.03	\$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	42.97	\$468.98
[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	27561	21	5.58	\$4,937.82
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20590	77	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

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[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	31481	9	5.23	\$6,019.90
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23574	44	5.27	\$4,470.04
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28253	19	5.31	\$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	375	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	340	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3607	342	6.94	\$519.90*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4141	336	13.11	\$315.90*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	319	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4594	326	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	92.19	\$56.20*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6047	289	83.99	\$72.00*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6397	280	12.30	\$519.90
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6874	270	95.47	\$72.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7217	259	92.79	\$77.78
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7597	253	69.70	\$109.00
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7154	261	131.03	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7842	243	71.55	\$109.60*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2480	370	13.05	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	362	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4913	320	88.68	\$55.40*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5053	317	36.62	\$138.00*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5434	307	5.95	\$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	7900	240	137.92	\$57.28
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4236	334	16.41	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5563	304	94.61	\$58.80*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5989	290	21.24	\$282.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8129	234	58.91	\$138.00
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8368	226	40.94	\$204.42*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8803	218	24.46	\$359.90*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10413	179	59.54	\$174.90*
[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	6.57	\$2,596.96
[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	5.38	\$3,974.16
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	25513	29	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35823	3	6.66	\$5,379.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	34052	6	6.42	\$5,302.46*
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28521	18	4.88	\$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	330	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	333	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	321	64.02	\$76.40*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	302	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6163	287	30.79	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6487	277	104.63	\$62.00*
[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	88.60	\$89.60*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	266	220.31	\$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	9744	197	88.58	\$110.00*
[Dual CPU] Intel Xeon MP 2.50GHz	550	400	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	402	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	396	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	382	NA	NA
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15441	118	18.08	\$854.00*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	17895	97	16.57	\$1,079.98
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	20652	74	13.87	\$1,489.46
[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*
[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 X5270 @ 3.50GHz	4689	325	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	322	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5810	296	48.18	\$120.60*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6273	284	25.30	\$247.98*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7513	255	65.92	\$113.98*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7883	241	64.63	\$121.98
[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	8265	230	41.33	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8805	217	3.16	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	9054	208	203.00	\$44.60*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	207	79.82	\$113.80*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9590	201	101.50	\$94.48
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	195	24.64	\$399.50
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11432	166	82.67	\$138.28
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11687	162	82.51	\$141.64
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	216	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	12704	144	26.58	\$478.00
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11532	164	16.47	\$700.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	138	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13642	135	45.55	\$299.50
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	12010	154	63.92	\$187.90
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	14022	132	38.95	\$360.00
[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	193	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	335	60.46	\$70.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	318	15.28	\$330.00*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	332	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	331	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	196	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	120	11.41	\$1,344.72
[Quad CPU] AMD Opteron 6278	12055	153	4.35	\$2,770.00*
[Quad CPU] AMD Opteron 6376	14681	126	5.84	\$2,513.80
[Quad CPU] AMD Opteron 8360 SE	6490	276	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	288	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	383	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon 3.40GHz	3395	346	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*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	101	1.13	\$15,352.00*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15952	115	1.21	\$13,175.16*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	145	2.80	\$4,538.76*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	265	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	9573	202	7.31	\$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	5.14	\$5,193.92
[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	203	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	119	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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