

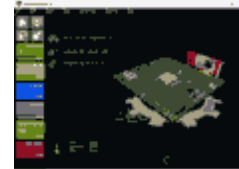


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CPU List

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

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Single CPU Systems

Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2477	NA	NA
AMD A4 Micro-6400T APU	1544	1669	NA	NA
AMD A4 PRO-3340B	2402	1293	NA	NA
AMD A4 PRO-7300B APU	2342	1313	NA	NA
AMD A4 PRO-7350B	2794	1166	NA	NA
AMD A4-1200 APU	640	2154	NA	NA
AMD A4-1250 APU	610	2166	NA	NA
AMD A4-3300 APU	1504	1690	115.79	\$12.99
AMD A4-3300M APU	1182	1857	39.43	\$29.99*
AMD A4-3305M APU	1223	1833	40.80	\$30.00*
AMD A4-3310MX APU	1291	1794	NA	NA
AMD A4-3320M APU	1247	1826	40.24	\$31.00*
AMD A4-3330MX APU	1217	1839	NA	NA
AMD A4-3400 APU	1597	1649	27.36	\$58.38
AMD A4-3420 APU	1677	1606	NA	NA
AMD A4-4000 APU	1817	1539	26.22	\$69.30
AMD A4-4020 APU	1902	1490	43.06	\$44.19
AMD A4-4300M APU	1614	1638	40.51	\$39.86*
AMD A4-4355M APU	1173	1861	NA	NA
AMD A4-5000 APU	1903	1489	NA	NA
AMD A4-5050 APU	2117	1405	NA	NA
AMD A4-5100 APU	2082	1421	NA	NA
AMD A4-5150M APU	1820	1536	NA	NA
AMD A4-5300 APU	2000	1450	41.38	\$48.34

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5300B APU	2083	1420	54.83	\$38.00*
AMD A4-6210 APU	2145	1393	NA	NA
AMD A4-6250J APU	2556	1241	NA	NA
AMD A4-6300 APU	2212	1368	42.93	\$51.53
AMD A4-6300B APU	2129	1398	21.30	\$100.00*
AMD A4-6320 APU	2322	1317	23.45	\$99.06
AMD A4-7210 APU	2516	1255	NA	NA
AMD A4-7300 APU	2285	1338	29.02	\$78.77
AMD A4-9120	1798	1544	NA	NA
AMD A6 Micro-6500T APU	1834	1529	NA	NA
AMD A6 PRO-7050B APU	1582	1654	NA	NA
AMD A6 PRO-7400B	2721	1191	NA	NA
AMD A6-1450 APU	1519	1681	NA	NA
AMD A6-3400M APU	1895	1493	65.35	\$29.00*
AMD A6-3410MX APU	2060	1426	68.71	\$29.99*
AMD A6-3420M APU	2012	1445	NA	NA
AMD A6-3430MX APU	2225	1366	NA	NA
AMD A6-3500 APU	2008	1448	50.23	\$39.99*
AMD A6-3600 APU	2708	1196	117.81	\$22.99*
AMD A6-3620 APU	2817	1159	46.97	\$59.99*
AMD A6-3650 APU	3162	1051	39.77	\$79.50*
AMD A6-3670 APU	3203	1037	15.90	\$201.46
AMD A6-4400M APU	1629	1633	40.88	\$39.86*
AMD A6-4455M APU	1283	1803	NA	NA
AMD A6-5200 APU	2416	1288	NA	NA
AMD A6-5345M APU	1476	1699	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	1905	1488	31.78	\$59.95*
AMD A6-5357M APU	1938	1476	NA	NA
AMD A6-5400B APU	2204	1372	20.99	\$105.04*
AMD A6-5400K APU	2148	1390	25.98	\$82.70
AMD A6-6310 APU	2430	1281	NA	NA
AMD A6-6400B APU	2281	1341	NA	NA
AMD A6-6400K APU	2295	1331	39.01	\$58.85
AMD A6-6420B APU	2612	1219	NA	NA
AMD A6-6420K APU	2351	1311	23.56	\$99.80*
AMD A6-7000	1672	1610	NA	NA
AMD A6-7310 APU	2687	1202	NA	NA
AMD A6-7400K APU	2789	1167	56.98	\$48.95
AMD A6-7470K	2848	1147	28.46	\$100.10
AMD A6-8500P	2183	1379	NA	NA
AMD A6-8550	3104	1066	NA	NA
AMD A6-9210	1876	1512	NA	NA
AMD A6-9220	2354	1308	NA	NA
AMD A6-9230	2274	1344	NA	NA
AMD A6-9500	3187	1041	49.78	\$64.03
AMD A8 PRO-7150B APU	2711	1193	NA	NA
AMD A8 PRO-7600B APU	4831	685	NA	NA
AMD A8-3500M APU	1974	1461	28.23	\$69.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-3510MX APU	2384	1297	NA	NA
AMD A8-3520M APU	2178	1380	NA	NA
AMD A8-3530MX APU	2382	1298	NA	NA
AMD A8-3550MX APU	2610	1221	NA	NA
AMD A8-3800 APU	3059	1082	18.00	\$169.99*
AMD A8-3820 APU	3152	1057	25.22	\$124.99*
AMD A8-3850 APU	3478	963	17.39	\$199.99*
AMD A8-3870K APU	3577	940	17.75	\$201.54*
AMD A8-4500M APU	2662	1206	NA	NA
AMD A8-4555M APU	2126	1401	NA	NA
AMD A8-5500 APU	3989	843	30.93	\$129.00*
AMD A8-5500B APU	3976	847	NA	NA
AMD A8-5545M APU	2581	1231	NA	NA
AMD A8-5550M APU	2997	1099	NA	NA
AMD A8-5557M APU	2958	1112	NA	NA
AMD A8-5600K APU	4338	777	18.92	\$229.30
AMD A8-6410 APU	2557	1240	NA	NA
AMD A8-6500 APU	4387	764	27.25	\$160.99*
AMD A8-6500B APU	4558	736	NA	NA
AMD A8-6500T APU	3221	1031	NA	NA
AMD A8-6600K APU	4574	732	24.20	\$189.04*
AMD A8-7050	1986	1458	NA	NA
AMD A8-7100 APU	2824	1154	NA	NA
AMD A8-7200P	3315	1003	NA	NA
AMD A8-7410 APU	2736	1187	NA	NA
AMD A8-7600 APU	5111	633	32.69	\$156.35
AMD A8-7650K	4914	671	54.01	\$91.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7670K	5075	642	31.75	\$159.87
AMD A8-8600P	3247	1026	NA	NA
AMD A8-8650	5481	587	NA	NA
AMD A8-9600	4990	657	71.30	\$69.99
AMD A9-9400	2254	1354	NA	NA
AMD A9-9410	2570	1237	NA	NA
AMD A9-9420	2311	1322	NA	NA
AMD A9-9430	2705	1198	NA	NA
AMD A10 Micro-6700T APU	1890	1500	NA	NA
AMD A10 PRO-7350B APU	3239	1027	NA	NA
AMD A10 PRO-7800B APU	5409	599	NA	NA
AMD A10 PRO-7850B APU	5441	596	NA	NA
AMD A10-4600M APU	3115	1064	NA	NA
AMD A10-4655M APU	2592	1226	NA	NA
AMD A10-4657M APU	2906	1126	NA	NA
AMD A10-5700 APU	4205	800	8.17	\$514.70*
AMD A10-5745M APU	2761	1179	NA	NA
AMD A10-5750M APU	3338	998	NA	NA
AMD A10-5757M APU	3092	1070	NA	NA
AMD A10-5800B APU	4658	712	NA	NA
AMD A10-5800K APU	4637	716	36.81	\$125.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-6700 APU	4598	725	10.54	\$436.24*
AMD A10-6700T APU	3691	914	26.37	\$139.99
AMD A10-6790K APU	4701	704	22.73	\$206.82*
AMD A10-6800B APU	4999	656	NA	NA
AMD A10-6800K APU	4876	675	23.70	\$205.76*
AMD A10-7300 APU	2914	1123	NA	NA
AMD A10-7400P	3630	923	NA	NA
AMD A10-7700K APU	5141	630	51.41	\$100.00*
AMD A10-7800 APU	5020	652	47.82	\$104.99*
AMD A10-7850K APU	5485	586	21.31	\$257.38
AMD A10-7860K	5095	636	30.02	\$169.71*
AMD A10-7870K	5491	585	46.75	\$117.46*
AMD A10-7890K	5744	556	23.81	\$241.24
AMD A10-8700P	3457	969	NA	NA
AMD A10-8750	5143	627	NA	NA
AMD A10-8850	5613	568	NA	NA
AMD A10-9600P	3810	884	NA	NA
AMD A10-9620P	3897	864	NA	NA
AMD A10-9630P	4492	749	NA	NA
AMD A10-9700	5517	583	61.31	\$89.99
AMD A10-9700E	4972	659	55.87	\$88.99
AMD A12-9700P	3766	899	NA	NA
AMD A12-9720P	4085	823	NA	NA
AMD A12-9730P	4258	790	NA	NA
AMD A12-9800	5603	570	59.61	\$94.00*
AMD A12-9800E	5077	641	46.16	\$109.99
AMD Athlon64 X2 Dual Core 3800+	956	1995	NA	NA
AMD Athlon64 X2 Dual Core 4200+	1006	1956	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 4600+	1108	1896	NA	NA
AMD Athlon 4	279	2496	4.83	\$57.99
AMD Athlon 64 2000+	116	2629	NA	NA
AMD Athlon 64 2200+	575	2187	NA	NA
AMD Athlon 64 2600+	374	2369	NA	NA
AMD Athlon 64 2800+	438	2297	4.38	\$99.99*
AMD Athlon 64 3000+	461	2271	5.44	\$84.95*
AMD Athlon 64 3200+	491	2237	3.28	\$149.95*
AMD Athlon 64 3300+	576	2185	NA	NA
AMD Athlon 64 3400+	547	2198	NA	NA
AMD Athlon 64 3500+	540	2206	12.02	\$45.00
AMD Athlon 64 3600+	601	2173	NA	NA
AMD Athlon 64 3700+	599	2174	8.69	\$69.00*
AMD Athlon 64 3800+	588	2178	4.20	\$139.95
AMD Athlon 64 4000+	605	2168	7.57	\$79.99*
AMD Athlon 64 FX-25	794	2081	NA	NA
AMD Athlon 64 FX-34	380	2362	NA	NA
AMD Athlon 64 FX-51	437	2299	NA	NA
AMD Athlon 64 FX-53	646	2148	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2112	4.01	\$179.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-57	730	2108	NA	NA
AMD Athlon 64 FX-59	715	2116	NA	NA
AMD Athlon 64 FX-60 Dual Core	1284	1802	NA	NA
AMD Athlon 64 FX-62 Dual Core	1571	1662	NA	NA
AMD Athlon 64 FX-72	1794	1547	NA	NA
AMD Athlon 64 FX-74	1495	1693	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	1994	NA	NA
AMD Athlon 64 X2 4200+	1285	1799	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1749	3.90	\$349.95*
AMD Athlon 64 X2 Dual Core 3400+	994	1968	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	969	1982	16.15	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1002	1959	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1040	1934	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1099	1900	6.87	\$159.95
AMD Athlon 64 X2 Dual Core 4400+	1146	1879	19.11	\$60.00*
AMD Athlon 64 X2 Dual Core 4600+	1222	1835	3.40	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1257	1816	7.86	\$159.95*
AMD Athlon 64 X2 Dual Core 5000+	1311	1776	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1383	1739	26.06	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1451	1713	27.39	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1480	1698	9.87	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1675	38.26	\$39.95
AMD Athlon 64 X2 Dual Core 6000+	1604	1645	49.36	\$32.50
AMD Athlon 64 X2 Dual Core 6400+	1794	1546	6.90	\$259.95
AMD Athlon 64 X2 Dual Core BE-230	1095	1904	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	1913	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	1931	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2061	24.03	\$34.95*
AMD Athlon 64 X2 Dual Core TK-55	839	2062	14.53	\$57.74*
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-57	971	1981	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2041	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	817	2072	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	880	2040	12.11	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	923	2018	NA	NA
AMD Athlon 64 X2 QL-60	921	2020	NA	NA
AMD Athlon 64 X2 QL-62	1018	1948	NA	NA
AMD Athlon 64 X2 QL-64	985	1974	NA	NA
AMD Athlon 64 X2 QL-65	1042	1932	NA	NA
AMD Athlon 64 X2 QL-66	945	2004	NA	NA
AMD Athlon 64 X2 QL-67	1006	1955	NA	NA
AMD Athlon 64 X2 TK-55	955	1996	NA	NA
AMD Athlon 64 X2 TK-57	988	1973	NA	NA
AMD Athlon 1500+	294	2469	NA	NA
AMD Athlon 1640B	678	2136	13.57	\$50.00*
AMD Athlon 1700+	349	2400	NA	NA
AMD Athlon 2000+	390	2356	NA	NA
AMD Athlon 2100+	412	2321	NA	NA
AMD Athlon 2200+	363	2385	4.55	\$79.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 2400+	462	2270	NA	NA
AMD Athlon 2500+	374	2368	2.04	\$183.99
AMD Athlon 2600+	444	2292	4.23	\$104.95*
AMD Athlon 2650e	406	2331	21.38	\$19.00*
AMD Athlon 2800+	447	2289	8.96	\$49.99*
AMD Athlon 2850e	503	2229	NA	NA
AMD Athlon 3100+	485	2250	NA	NA
AMD Athlon 3200+	458	2275	4.58	\$99.95
AMD Athlon 5000 Dual-Core	1290	1796	12.91	\$99.95*
AMD Athlon 5150 APU	2092	1416	19.37	\$108.00*
AMD Athlon 5200 Dual-Core	1248	1824	13.82	\$90.33*
AMD Athlon 5350 APU	2596	1224	7.08	\$367.00
AMD Athlon 5370 APU	2877	1140	45.18	\$63.70*
AMD Athlon 7450 Dual-Core	1434	1721	NA	NA
AMD Athlon 7550 Dual-Core	1458	1708	24.30	\$60.00*
AMD Athlon 7750 Dual-Core	1579	1656	10.61	\$148.87
AMD Athlon 7850 Dual-Core	1716	1580	8.19	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2479	NA	NA
AMD Athlon Dual Core 4050e	1086	1911	NA	NA
AMD Athlon Dual Core 4450B	1166	1867	68.62	\$17.00*
AMD Athlon Dual Core 4450e	1101	1899	NA	NA
AMD Athlon Dual Core 4850B	1471	1701	NA	NA
AMD Athlon Dual Core 4850e	1313	1773	33.69	\$39.00*
AMD Athlon Dual Core 5000B	1304	1782	13.73	\$95.00*
AMD Athlon Dual Core 5050e	1350	1758	22.50	\$60.00*
AMD Athlon Dual Core 5200B	1328	1768	NA	NA
AMD Athlon Dual Core 5400B	1407	1729	NA	NA
AMD Athlon Dual Core 5600B	1304	1781	NA	NA
AMD Athlon II 160u	553	2197	18.46	\$29.99*
AMD Athlon II 170u	626	2161	20.91	\$29.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II Dual-Core M300	1113	1889	NA	NA
AMD Athlon II Dual-Core M320	1142	1882	38.07	\$30.00*
AMD Athlon II Dual-Core M340	1038	1935	NA	NA
AMD Athlon II N330 Dual-Core	1154	1873	NA	NA
AMD Athlon II N350 Dual-Core	1247	1825	NA	NA
AMD Athlon II N370 Dual-Core	1559	1665	NA	NA
AMD Athlon II Neo K125	467	2264	NA	NA
AMD Athlon II Neo K145	543	2201	NA	NA
AMD Athlon II Neo K325 Dual-Core	781	2085	30.09	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2052	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2082	NA	NA
AMD Athlon II P320 Dual-Core	1217	1840	61.00	\$19.95*
AMD Athlon II P340 Dual-Core	1252	1820	27.86	\$44.95*
AMD Athlon II P360 Dual-Core	1319	1772	65.97	\$20.00
AMD Athlon II X2 210e	1486	1695	NA	NA
AMD Athlon II X2 215	1579	1655	131.76	\$11.99*
AMD Athlon II X2 220	1633	1631	50.73	\$32.19
AMD Athlon II X2 225	1526	1677	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 235e	1657	1620	9.11	\$181.88
AMD Athlon II X2 240	1643	1624	47.03	\$34.95
AMD Athlon II X2 240e	1705	1586	48.81	\$34.95*
AMD Athlon II X2 245	1682	1603	48.15	\$34.95*
AMD Athlon II X2 245e	1713	1581	21.42	\$80.00*
AMD Athlon II X2 250	1750	1565	44.93	\$38.95
AMD Athlon II X2 250e	1949	1470	25.41	\$76.73*
AMD Athlon II X2 250u	999	1961	25.03	\$39.95
AMD Athlon II X2 255	1844	1521	28.28	\$65.22*
AMD Athlon II X2 260	1877	1510	39.11	\$48.00*
AMD Athlon II X2 260u	1106	1897	13.26	\$83.44*
AMD Athlon II X2 265	1890	1499	22.81	\$82.88*
AMD Athlon II X2 270	1991	1455	19.91	\$99.99*
AMD Athlon II X2 270u	1350	1757	19.96	\$67.67*
AMD Athlon II X2 280	2159	1386	21.59	\$99.99*
AMD Athlon II X2 4300e	1464	1705	NA	NA
AMD Athlon II X2 4400e	1618	1636	NA	NA
AMD Athlon II X2 4450e	1504	1688	NA	NA
AMD Athlon II X2 B22	1706	1585	81.26	\$21.00*
AMD Athlon II X2 B24	1792	1548	44.87	\$39.95*
AMD Athlon II X2 B26	1878	1509	53.75	\$34.95
AMD Athlon II X2 B28	2112	1407	49.12	\$43.00*
AMD Athlon II X3 400e	2009	1447	18.70	\$107.43*
AMD Athlon II X3 405e	2034	1437	25.43	\$79.99*
AMD Athlon II X3 415e	2247	1356	29.97	\$75.00*
AMD Athlon II X3 420e	2286	1337	19.68	\$116.15*
AMD Athlon II X3 425	2319	1319	55.27	\$41.96*
AMD Athlon II X3 425e	2239	1361	NA	NA
AMD Athlon II X3 435	2475	1270	61.97	\$39.95*
AMD Athlon II X3 440	2567	1238	54.70	\$46.95*
AMD Athlon II X3 445	2580	1232	28.36	\$91.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 450	2629	1213	58.49	\$44.95
AMD Athlon II X3 455	2770	1173	30.80	\$89.95*
AMD Athlon II X3 460	2873	1144	57.48	\$49.99
AMD Athlon II X4 553	3814	882	NA	NA
AMD Athlon II X4 555	3830	876	NA	NA
AMD Athlon II X4 559	4166	811	NA	NA
AMD Athlon II X4 600e	2440	1278	18.74	\$130.23*
AMD Athlon II X4 605e	2743	1185	26.95	\$101.80*
AMD Athlon II X4 610e	2804	1164	40.07	\$69.99*
AMD Athlon II X4 615e	2901	1132	49.17	\$59.00*
AMD Athlon II X4 620	2941	1117	45.28	\$64.95*
AMD Athlon II X4 620e	2906	1127	NA	NA
AMD Athlon II X4 630	3138	1061	49.86	\$62.95
AMD Athlon II X4 631 Quad-Core	3155	1056	17.81	\$177.15
AMD Athlon II X4 635	3257	1019	46.56	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1039	NA	NA
AMD Athlon II X4 640	3319	1002	41.51	\$79.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 641 Quad-Core	3361	995	36.74	\$91.50*
AMD Athlon II X4 645	3481	961	34.83	\$99.95*
AMD Athlon II X4 650	3474	965	20.85	\$166.60*
AMD Athlon II X4 651 Quad-Core	3593	934	20.19	\$178.04*
AMD Athlon II X4 655	2880	1139	NA	NA
AMD Athlon II X4 6400e	2594	1225	NA	NA
AMD Athlon L110	306	2447	NA	NA
AMD Athlon LE-1600	567	2192	27.04	\$21.00*
AMD Athlon LE-1620	572	2188	31.83	\$18.00*
AMD Athlon LE-1640	626	2160	NA	NA
AMD Athlon LE-1660	676	2138	NA	NA
AMD Athlon MP	230	2552	4.20	\$54.95*
AMD Athlon MP 1700+	339	2411	NA	NA
AMD Athlon MP 2400+	436	2300	NA	NA
AMD Athlon MP 2800+	497	2233	NA	NA
AMD Athlon Neo MV-40	410	2322	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	1958	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2087	NA	NA
AMD Athlon Neo X2 Dual Core L335	818	2071	NA	NA
AMD Athlon QI-46	473	2261	NA	NA
AMD Athlon TF-20	418	2316	NA	NA
AMD Athlon TF-36	358	2389	NA	NA
AMD Athlon X2 215	1575	1661	NA	NA
AMD Athlon X2 235e	1806	1540	NA	NA
AMD Athlon X2 240	1575	1660	NA	NA
AMD Athlon X2 240e	1670	1612	NA	NA
AMD Athlon X2 250	1682	1604	NA	NA
AMD Athlon X2 255	1627	1634	NA	NA
AMD Athlon X2 280	2303	1327	13.17	\$174.81*
AMD Athlon X2 340 Dual Core	1893	1496	63.13	\$29.99*
AMD Athlon X2 370K Dual Core	2251	1355	NA	NA
AMD Athlon X2 440	1424	1724	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 Dual Core 3250e	779	2086	NA	NA
AMD Athlon X2 Dual Core 6850e	998	1962	NA	NA
AMD Athlon X2 Dual Core BE-2300	981	1976	NA	NA
AMD Athlon X2 Dual Core BE-2350	1104	1898	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	1841	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1822	NA	NA
AMD Athlon X2 Dual Core L310	643	2151	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	1952	NA	NA
AMD Athlon X3 425	2191	1376	NA	NA
AMD Athlon X3 435	2574	1235	26.96	\$95.49*
AMD Athlon X3 440	2078	1423	23.62	\$87.99*
AMD Athlon X3 445	2314	1320	NA	NA
AMD Athlon X3 450	3064	1080	38.80	\$78.99*
AMD Athlon X3 455	2401	1294	NA	NA
AMD Athlon X4 605e	2505	1261	NA	NA
AMD Athlon X4 620	2861	1145	44.06	\$64.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X4 635	2891	1135	23.71	\$121.99*
AMD Athlon X4 640	3172	1046	NA	NA
AMD Athlon X4 645	3595	932	NA	NA
AMD Athlon X4 740 Quad Core	4009	837	14.48	\$277.00*
AMD Athlon X4 750 Quad Core	4551	738	NA	NA
AMD Athlon X4 750K Quad Core	4246	792	55.16	\$76.99*
AMD Athlon X4 760K Quad Core	4581	729	40.46	\$113.24*
AMD Athlon X4 830	4701	703	NA	NA
AMD Athlon X4 840	5029	648	63.87	\$78.74*
AMD Athlon X4 845	5442	595	31.30	\$173.89
AMD Athlon X4 860K	5456	593	47.46	\$114.99
AMD Athlon X4 870K	5312	613	67.91	\$78.22
AMD Athlon X4 880K	5582	574	67.06	\$83.24*
AMD Athlon X4 950	5384	602	89.76	\$59.99*
AMD Athlon XP1600+	281	2492	NA	NA
AMD Athlon XP1700+	234	2548	NA	NA
AMD Athlon XP1900+	353	2396	NA	NA
AMD Athlon XP2100+	287	2481	NA	NA
AMD Athlon XP2200+	401	2339	NA	NA
AMD Athlon XP2400+	391	2354	NA	NA
AMD Athlon XP 1500	282	2491	NA	NA
AMD Athlon XP 1500+	257	2522	NA	NA
AMD Athlon XP 1600+	267	2512	NA	NA
AMD Athlon XP 1700	344	2406	NA	NA
AMD Athlon XP 1700+	271	2507	NA	NA
AMD Athlon XP 1800+	300	2459	5.09	\$58.95*
AMD Athlon XP 1900+	312	2438	NA	NA
AMD Athlon XP 2000+	299	2460	12.00	\$24.99*
AMD Athlon XP 2100+	323	2422	NA	NA
AMD Athlon XP 2200+	327	2421	3.86	\$84.95*
AMD Athlon XP 2300+	464	2268	NA	NA
AMD Athlon XP 2400+	360	2388	4.01	\$89.99*
AMD Athlon XP 2500+	355	2393	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2600+	372	2372	16.18	\$23.03*
AMD Athlon XP 2700+	393	2350	4.64	\$84.79*
AMD Athlon XP 2800+	398	2343	NA	NA
AMD Athlon XP 2900+	459	2273	NA	NA
AMD Athlon XP 3000+	402	2338	5.15	\$78.00*
AMD Athlon XP 3100+	433	2307	NA	NA
AMD Athlon XP 3200+	433	2308	NA	NA
AMD Athlon XP 3400+	570	2190	NA	NA
AMD Athlon XP Pro3+	367	2379	NA	NA
AMD Athlon XP-M	541	2205	15.48	\$34.95*
AMD C-30	310	2441	NA	NA
AMD C-50	462	2269	NA	NA
AMD C-60	476	2259	NA	NA
AMD C-60 APU	545	2199	NA	NA
AMD C-70 APU	568	2191	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E1 Micro-6200T APU	960	1992	NA	NA
AMD E1-1200 APU	663	2142	NA	NA
AMD E1-1500 APU	685	2131	NA	NA
AMD E1-2100 APU	631	2157	NA	NA
AMD E1-2200 APU	767	2091	NA	NA
AMD E1-2500 APU	888	2037	NA	NA
AMD E1-6010 APU	852	2053	NA	NA
AMD E1-6015 APU	899	2033	NA	NA
AMD E1-7010 APU	1000	1960	NA	NA
AMD E2-1800 APU	820	2070	NA	NA
AMD E2-2000 APU	827	2067	NA	NA
AMD E2-3000 APU	1065	1921	NA	NA
AMD E2-3000M APU	1092	1906	54.63	\$20.00*
AMD E2-3200 APU	1437	1718	179.88	\$7.99*
AMD E2-3800 APU	1634	1630	NA	NA
AMD E2-6110 APU	1901	1492	NA	NA
AMD E2-7110 APU	2287	1336	NA	NA
AMD E2-9000	1819	1538	NA	NA
AMD E2-9000e	1299	1785	NA	NA
AMD E2-9010	1837	1527	NA	NA
AMD E-240	318	2428	NA	NA
AMD E-300 APU	613	2165	NA	NA
AMD E-350	747	2101	NA	NA
AMD E-350 APU	770	2090	NA	NA
AMD E-350D APU	727	2110	NA	NA
AMD E-450 APU	766	2092	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1564	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1418	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2512	1258	NA	NA
AMD Embedded R-Series RX-216GD	2409	1291	NA	NA
AMD Embedded R-Series RX-421BD	4635	718	NA	NA
AMD EPYC 7251 8-Core	10771	172	20.32	\$529.99
AMD EPYC 7351P	17991	44	22.49	\$799.99
AMD EPYC 7401P	18465	40	16.06	\$1,149.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD EPYC 7501	18942	36	5.19	\$3,649.99
AMD EPYC 7551	19003	35	5.14	\$3,699.99
AMD FirePro A320 APU	4540	741	NA	NA
AMD FX-670K Quad-Core	4505	746	NA	NA
AMD FX-770K Quad-Core	4755	696	NA	NA
AMD FX-870K Quad Core	5143	628	NA	NA
AMD FX-4100 Quad-Core	4056	825	67.62	\$60.00*
AMD FX-4130 Quad-Core	4169	810	52.78	\$78.99
AMD FX-4150 Quad-Core	4594	727	NA	NA
AMD FX-4170 Quad-Core	4849	679	33.77	\$143.61*
AMD FX-4200 Quad-Core	4236	793	18.56	\$228.21*
AMD FX-4300 Quad-Core	4672	710	71.88	\$65.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-4320	5007	655	NA	NA
AMD FX-4330	5239	619	NA	NA
AMD FX-4350 Quad-Core	5335	612	50.82	\$104.99
AMD FX-6100 Six-Core	5370	604	83.93	\$63.99*
AMD FX-6120 Six-Core	5747	555	NA	NA
AMD FX-6130 Six-Core	6215	501	NA	NA
AMD FX-6200 Six-Core	6112	516	44.79	\$136.48
AMD FX-6300 Six-Core	6378	495	71.96	\$88.64
AMD FX-6330 Six-Core	6755	456	NA	NA
AMD FX-6350 Six-Core	6983	439	60.21	\$115.99
AMD FX-7500 APU	3214	1033	NA	NA
AMD FX-7600P	4051	827	NA	NA
AMD FX-7600P APU	4627	721	NA	NA
AMD FX-8100 Eight-Core	6006	525	42.30	\$142.00*
AMD FX-8120 Eight-Core	6593	472	36.63	\$179.99*
AMD FX-8140 Eight-Core	5854	539	NA	NA
AMD FX-8150 Eight-Core	7620	389	19.87	\$383.50*
AMD FX-8300 Eight-Core	7713	380	68.44	\$112.70
AMD FX-8310 Eight-Core	7743	379	NA	NA
AMD FX-8320 Eight-Core	8022	356	84.46	\$94.99
AMD FX-8320E Eight-Core	7529	393	63.34	\$118.88
AMD FX-8350 Eight-Core	8948	293	65.34	\$136.95
AMD FX-8370 Eight-Core	9020	287	54.35	\$165.99
AMD FX-8370E Eight-Core	7806	371	39.43	\$197.99
AMD FX-8800P	4173	808	NA	NA
AMD FX-9370 Eight-Core	9508	247	39.16	\$242.79
AMD FX-9590 Eight-Core	10191	195	68.42	\$148.95
AMD FX-9800P	4007	840	NA	NA
AMD FX-9830P	4786	694	NA	NA
AMD FX-B4150 Quad-Core	4611	723	NA	NA
AMD G-T40E	485	2246	NA	NA
AMD G-T40N	516	2220	NA	NA
AMD G-T44R	227	2554	NA	NA
AMD G-T48E	716	2115	NA	NA
AMD G-T52R	303	2453	NA	NA
AMD G-T56E	751	2099	NA	NA
AMD G-T56N	783	2083	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Geode NX	264	2515	NA	NA
AMD Geode NX 1750	291	2470	NA	NA
AMD GX-210JA SOC	401	2340	NA	NA
AMD GX-212JC SOC	744	2103	NA	NA
AMD GX-217GA SOC	1097	1901	NA	NA
AMD GX-218GL SOC	1115	1886	NA	NA
AMD GX-222GC SOC	1255	1818	NA	NA
AMD GX-412HC	1497	1692	NA	NA
AMD GX-415GA SOC	1929	1481	NA	NA
AMD GX-420CA SOC	2299	1330	NA	NA
AMD GX-424CC SOC	2476	1269	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD K7	403	2335	NA	NA
AMD Opteron 140	396	2345	0.67	\$595.50*
AMD Opteron 142	428	2312	NA	NA
AMD Opteron 144	486	2245	7.48	\$65.00*
AMD Opteron 146	532	2211	8.87	\$59.99*
AMD Opteron 148	603	2172	NA	NA
AMD Opteron 150	604	2170	NA	NA
AMD Opteron 152	658	2143	NA	NA
AMD Opteron 154	703	2125	NA	NA
AMD Opteron 165	899	2034	16.65	\$53.99*
AMD Opteron 170	1097	1902	NA	NA
AMD Opteron 175	1167	1866	NA	NA
AMD Opteron 180	1228	1832	9.45	\$129.95
AMD Opteron 185	1360	1754	NA	NA
AMD Opteron 246	632	2156	12.64	\$49.99
AMD Opteron 248	476	2258	39.73	\$12.00
AMD Opteron 250	649	2147	59.01	\$11.00
AMD Opteron 252	760	2095	12.00	\$63.36*
AMD Opteron 254	693	2130	NA	NA
AMD Opteron 256	963	1988	50.72	\$19.00
AMD Opteron 265	963	1989	6.02	\$159.95*
AMD Opteron 270	1083	1912	1.78	\$607.47*
AMD Opteron 275	1291	1795	11.74	\$109.95
AMD Opteron 280	1272	1810	1.60	\$796.67*
AMD Opteron 285	1470	1702	NA	NA
AMD Opteron 290	1464	1704	10.85	\$135.00*
AMD Opteron 1210	923	2016	NA	NA
AMD Opteron 1210 HE	971	1980	NA	NA
AMD Opteron 1212	1009	1953	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1777	NA	NA
AMD Opteron 1214	1191	1852	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1784	NA	NA
AMD Opteron 1216	1311	1774	23.91	\$54.85*
AMD Opteron 1216 HE	1172	1863	NA	NA
AMD Opteron 1218	1468	1703	NA	NA
AMD Opteron 1218 HE	1444	1716	NA	NA
AMD Opteron 1220	1653	1621	NA	NA
AMD Opteron 1222	1757	1561	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1352	2368	1304	17.42	\$135.99*
AMD Opteron 1354	2608	1222	8.41	\$309.97*
AMD Opteron 1356	2765	1176	30.73	\$89.99*
AMD Opteron 1381	3065	1079	NA	NA
AMD Opteron 2212	1270	1812	105.89	\$12.00
AMD Opteron 2214	1358	1755	2.39	\$569.00*
AMD Opteron 2214 HE	1415	1727	NA	NA
AMD Opteron 2216	1518	1683	8.53	\$178.00
AMD Opteron 2218	1594	1650	49.18	\$32.42*
AMD Opteron 2220	1701	1591	1.15	\$1,475.16

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2220 SE	1398	1734	73.58	\$19.00
AMD Opteron 2222	1843	1522	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1483	NA	NA
AMD Opteron 2350	2820	1156	10.45	\$269.99*
AMD Opteron 2356	2814	1161	188.25	\$14.95
AMD Opteron 2373 EE	2789	1168	NA	NA
AMD Opteron 2374 HE	2951	1113	15.53	\$189.99*
AMD Opteron 2376	2283	1339	152.20	\$15.00
AMD Opteron 2378	3179	1044	17.76	\$179.00*
AMD Opteron 2380	2640	1210	105.64	\$25.00*
AMD Opteron 2384	3538	948	4.21	\$840.00*
AMD Opteron 2386 SE	3538	949	NA	NA
AMD Opteron 2393 SE	2246	1357	NA	NA
AMD Opteron 2427	3069	1077	32.26	\$95.14*
AMD Opteron 2431	4516	744	112.91	\$40.00
AMD Opteron 2435	4708	702	39.11	\$120.40*
AMD Opteron 3260 HE	3259	1018	NA	NA
AMD Opteron 3280	5286	616	19.35	\$273.18*
AMD Opteron 3320 EE	2675	1204	NA	NA
AMD Opteron 3350 HE	4009	836	NA	NA
AMD Opteron 3365	5929	531	NA	NA
AMD Opteron 3380	6384	494	7.89	\$809.00*
AMD Opteron 4122	2942	1116	11.32	\$259.95
AMD Opteron 4162 EE	3166	1047	NA	NA
AMD Opteron 4184	4418	759	8.50	\$519.95*
AMD Opteron 4280	6430	489	14.09	\$456.44*
AMD Opteron 4284	6660	464	18.64	\$357.30*
AMD Opteron 4332 HE	5614	567	NA	NA
AMD Opteron 4365 EE	5025	651	NA	NA
AMD Opteron 6128	4505	747	19.17	\$235.00
AMD Opteron 6134	2938	1119	4.93	\$595.95*
AMD Opteron 6136	4631	720	12.90	\$359.00*
AMD Opteron 6164 HE	5351	609	NA	NA
AMD Opteron 6174	6171	507	4.08	\$1,514.20
AMD Opteron 6212	5776	548	27.57	\$209.50*
AMD Opteron 6234	5979	527	14.95	\$399.99*
AMD Opteron 6238	7316	412	6.72	\$1,088.11*
AMD Opteron 6272	6748	458	20.77	\$325.00
AMD Opteron 6274	4865	677	5.35	\$908.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6276	9011	288	36.93	\$244.00
AMD Opteron 6282 SE	9116	279	8.36	\$1,089.99*
AMD Opteron 6287 SE	9789	227	NA	NA
AMD Opteron 6328	7813	370	15.44	\$505.99
AMD Opteron 6366 HE	7503	396	NA	NA
AMD Opteron 6376	9414	256	9.33	\$1,009.00
AMD Opteron 6378	2152	1388	5.40	\$399.00
AMD Opteron 6380	10143	199	60.74	\$166.99
AMD Opteron 6386 SE	10748	173	4.46	\$2,407.51*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 8354	2255	1353	187.96	\$12.00
AMD Opteron 8439 SE	3813	883	NA	NA
AMD Opteron X3216 APU	2345	1312	NA	NA
AMD Opteron X3421 APU	5029	649	NA	NA
AMD Phenom 2 X4 12000	3005	1097	NA	NA
AMD Phenom 7950 Quad-Core	2991	1102	NA	NA
AMD Phenom 8250 Triple-Core	1644	1623	NA	NA
AMD Phenom 8250e Triple-Core	1619	1635	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1641	1625	NA	NA
AMD Phenom 8450 Triple-Core	1886	1502	62.99	\$29.95*
AMD Phenom 8450e Triple-Core	2035	1434	NA	NA
AMD Phenom 8600 Triple-Core	1697	1593	32.04	\$52.99*
AMD Phenom 8600B Triple-Core	1945	1472	36.71	\$52.99*
AMD Phenom 8650 Triple-Core	1992	1454	39.86	\$49.99*
AMD Phenom 8750 Triple-Core	2070	1425	NA	NA
AMD Phenom 8750B Triple-Core	2034	1436	NA	NA
AMD Phenom 8850 Triple-Core	2026	1438	NA	NA
AMD Phenom 8850B Triple-Core	2080	1422	NA	NA
AMD Phenom 9100e Quad-Core	1838	1525	46.03	\$39.95*
AMD Phenom 9150e Quad-Core	2123	1403	53.16	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1318	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1215	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2210	1370	24.57	\$89.96*
AMD Phenom 9550 Quad-Core	2541	1244	63.62	\$39.95*
AMD Phenom 9600 Quad-Core	2306	1323	25.68	\$89.80*
AMD Phenom 9600B Quad-Core	2580	1233	17.53	\$147.19*
AMD Phenom 9650 Quad-Core	2638	1211	48.02	\$54.95*
AMD Phenom 9750 Quad-Core	2824	1155	47.11	\$59.95*
AMD Phenom 9750B Quad-Core	2709	1195	NA	NA
AMD Phenom 9850 Quad-Core	2896	1134	57.93	\$50.00*
AMD Phenom 9850B Quad-Core	3160	1055	NA	NA
AMD Phenom 9950 Quad-Core	3017	1093	16.77	\$179.98*
AMD Phenom FX-5000 Quad-Core	2518	1252	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1114	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	925	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	960	NA	NA
AMD Phenom II N620 Dual-Core	1677	1605	42.10	\$39.86*
AMD Phenom II N640 Dual-Core	1740	1568	26.80	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1519	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1207	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II N830 Triple-Core	1884	1504	NA	NA
AMD Phenom II N850 Triple-Core	1940	1474	77.62	\$25.00*
AMD Phenom II N870 Triple-Core	1980	1459	NA	NA
AMD Phenom II N930 Quad-Core	2270	1348	22.74	\$99.86*
AMD Phenom II N950 Quad-Core	2488	1265	22.10	\$112.60*
AMD Phenom II N970 Quad-Core	2517	1253	16.78	\$149.99*
AMD Phenom II P650 Dual-Core	1603	1646	45.81	\$35.00*
AMD Phenom II P820 Triple-Core	1611	1641	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II P840 Triple-Core	1731	1573	NA	NA
AMD Phenom II P860 Triple-Core	1759	1559	NA	NA
AMD Phenom II P920 Quad-Core	1881	1507	25.08	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1537	NA	NA
AMD Phenom II P960 Quad-Core	2092	1415	74.72	\$28.00*
AMD Phenom II X2 511	2104	1410	NA	NA
AMD Phenom II X2 521	2091	1417	NA	NA
AMD Phenom II X2 545	1905	1487	38.16	\$49.95*
AMD Phenom II X2 550	2025	1439	15.18	\$133.39*
AMD Phenom II X2 555	2038	1432	6.80	\$299.95
AMD Phenom II X2 560	2049	1429	18.64	\$109.95*
AMD Phenom II X2 565	2211	1369	17.70	\$124.95*
AMD Phenom II X2 570	1960	1464	NA	NA
AMD Phenom II X2 B53	1670	1613	NA	NA
AMD Phenom II X2 B55	1934	1479	40.30	\$48.00*
AMD Phenom II X2 B57	1884	1503	NA	NA
AMD Phenom II X2 B59	2148	1391	43.01	\$49.95*
AMD Phenom II X3 700e	2266	1349	NA	NA
AMD Phenom II X3 705e	2227	1365	14.63	\$152.34*
AMD Phenom II X3 710	2446	1276	28.94	\$84.53*
AMD Phenom II X3 715	2649	1209	31.17	\$84.99*
AMD Phenom II X3 720	2686	1203	35.82	\$74.99*
AMD Phenom II X3 740	3002	1098	33.75	\$88.99*
AMD Phenom II X3 B73	2735	1188	36.47	\$75.00*
AMD Phenom II X3 B75	2947	1115	NA	NA
AMD Phenom II X3 B77	3067	1078	NA	NA
AMD Phenom II X4 805	2997	1100	17.23	\$173.99*
AMD Phenom II X4 810	3132	1062	27.01	\$115.99*
AMD Phenom II X4 820	3422	976	38.03	\$89.99*
AMD Phenom II X4 830	3445	971	43.10	\$79.95*
AMD Phenom II X4 840	3515	954	39.08	\$89.95*
AMD Phenom II X4 840T	3616	926	45.23	\$79.95
AMD Phenom II X4 850	3545	946	31.80	\$111.49*
AMD Phenom II X4 900e	2882	1137	NA	NA
AMD Phenom II X4 905e	3084	1072	14.52	\$212.38*
AMD Phenom II X4 910	3271	1013	32.72	\$100.00*
AMD Phenom II X4 910e	3276	1012	20.87	\$156.99*
AMD Phenom II X4 920	3406	981	51.63	\$65.99
AMD Phenom II X4 925	3428	975	21.43	\$159.99*
AMD Phenom II X4 940	3601	931	36.02	\$99.99
AMD Phenom II X4 945	3677	917	12.77	\$287.89*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 955	3945	852	30.31	\$130.16*
AMD Phenom II X4 960T	3803	885	28.18	\$134.99*
AMD Phenom II X4 965	4203	801	64.72	\$64.95
AMD Phenom II X4 970	4358	773	25.35	\$171.91*
AMD Phenom II X4 973	3759	901	NA	NA
AMD Phenom II X4 975	4498	748	34.61	\$129.99*
AMD Phenom II X4 977	3750	903	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 980	4508	745	33.00	\$136.64*
AMD Phenom II X4 8700e	2377	1301	NA	NA
AMD Phenom II X4 B05e	2781	1169	NA	NA
AMD Phenom II X4 B15e	2736	1186	NA	NA
AMD Phenom II X4 B25	3430	974	NA	NA
AMD Phenom II X4 B35	3382	988	NA	NA
AMD Phenom II X4 B40	3401	982	NA	NA
AMD Phenom II X4 B45	3466	967	NA	NA
AMD Phenom II X4 B50	3703	912	NA	NA
AMD Phenom II X4 B55	3867	868	NA	NA
AMD Phenom II X4 B60	4046	828	NA	NA
AMD Phenom II X4 B65	4177	807	NA	NA
AMD Phenom II X4 B70	4261	789	NA	NA
AMD Phenom II X4 B93	3361	994	NA	NA
AMD Phenom II X4 B95	3725	906	51.07	\$72.95*
AMD Phenom II X4 B97	3911	860	48.93	\$79.95
AMD Phenom II X4 B99	4130	818	NA	NA
AMD Phenom II X6 1035T	4679	709	24.76	\$189.00*
AMD Phenom II X6 1045T	4834	682	27.63	\$175.00*
AMD Phenom II X6 1055T	4983	658	26.94	\$185.00*
AMD Phenom II X6 1065T	5081	640	NA	NA
AMD Phenom II X6 1075T	5367	605	20.65	\$259.99*
AMD Phenom II X6 1090T	5603	569	14.15	\$396.08*
AMD Phenom II X6 1100T	5762	551	24.63	\$233.99*
AMD Phenom II X6 1405T	5042	646	NA	NA
AMD Phenom II X620 Dual-Core	2189	1377	NA	NA
AMD Phenom II X640 Dual-Core	2021	1440	NA	NA
AMD Phenom II X920 Quad-Core	2638	1212	NA	NA
AMD Phenom II X940 Quad-Core	2695	1199	NA	NA
AMD Phenom Ultra X4 24500	3945	851	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1594	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1371	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1562	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1858	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1720	NA	NA
AMD Phenom X3 8550	1929	1480	11.35	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1560	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1453	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1362	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2812	1162	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1192	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1201	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 GS-5560	1211	1844	NA	NA
AMD PRO A4-3350B APU	2833	1150	NA	NA
AMD PRO A4-8350B	2881	1138	NA	NA
AMD PRO A6-8500B	2516	1254	NA	NA
AMD PRO A6-8530B	2435	1279	NA	NA
AMD PRO A6-8550B	3042	1088	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A6-8570	3049	1086	NA	NA
AMD PRO A6-8570E	2906	1128	NA	NA
AMD PRO A6-9500	3262	1017	44.09	\$74.00*
AMD PRO A6-9500B	2303	1325	NA	NA
AMD PRO A6-9500E	2752	1181	37.20	\$74.00*
AMD PRO A8-8600B	3827	877	NA	NA
AMD PRO A8-8650B	5457	592	NA	NA
AMD PRO A8-9600	5342	611	44.89	\$119.00*
AMD PRO A8-9600B	4019	834	NA	NA
AMD PRO A10-8700B	3603	929	NA	NA
AMD PRO A10-8730B	3917	858	NA	NA
AMD PRO A10-8750B	5653	564	NA	NA
AMD PRO A10-8770	5742	557	NA	NA
AMD PRO A10-8770E	4881	674	NA	NA
AMD PRO A10-8850B	5852	541	NA	NA
AMD PRO A10-9700	5640	565	33.37	\$169.00*
AMD PRO A10-9700B	4393	763	NA	NA
AMD PRO A10-9700E	5083	639	36.57	\$139.00*
AMD PRO A12-8800B	4193	804	NA	NA
AMD PRO A12-8830B	4025	832	NA	NA
AMD PRO A12-8870	6177	505	NA	NA
AMD PRO A12-8870E	4814	687	NA	NA
AMD PRO A12-9800	6199	503	36.68	\$169.00*
AMD PRO A12-9800B	4339	776	NA	NA
AMD PRO A12-9800E	4812	689	28.47	\$169.00*
AMD QC-4000	1657	1619	NA	NA
AMD R-260H APU	1576	1657	NA	NA
AMD R-460L APU	1954	1466	NA	NA
AMD R-464L APU	2976	1105	NA	NA
AMD RX-427BB	4470	752	NA	NA
AMD Ryzen 3 1200	6852	448	65.27	\$104.99
AMD Ryzen 3 1300X	7508	395	60.07	\$124.99
AMD Ryzen 3 2200G	7837	369	78.38	\$99.99
AMD Ryzen 3 2200U	5439	597	NA	NA
AMD Ryzen 3 PRO 1200	7277	416	NA	NA
AMD Ryzen 3 PRO 1300	8270	333	NA	NA
AMD Ryzen 5 1400	8420	327	52.63	\$159.99
AMD Ryzen 5 1500X	10366	187	64.79	\$159.99
AMD Ryzen 5 1600	12298	139	65.07	\$189.00
AMD Ryzen 5 1600X	13227	120	62.99	\$209.99
AMD Ryzen 5 2400G	9527	245	56.39	\$168.95
AMD Ryzen 5 2500U	7872	366	NA	NA
AMD Ryzen 5 PRO 1500	11040	162	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 PRO 1600	12213	142	NA	NA
AMD Ryzen 7 1700	13750	111	49.29	\$278.95
AMD Ryzen 7 1700X	14619	91	52.22	\$279.99
AMD Ryzen 7 1800X	15376	78	43.93	\$349.99
AMD Ryzen 7 2700U	7694	382	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 PRO 1700	14859	87	NA	NA
AMD Ryzen 7 PRO 1700X	15221	81	NA	NA
AMD Ryzen Threadripper 1900X	15701	76	34.89	\$449.99
AMD Ryzen Threadripper 1920X	17982	45	23.98	\$749.99
AMD Ryzen Threadripper 1950X	22085	14	25.11	\$879.49
AMD Sempron 130	656	2145	26.29	\$24.99*
AMD Sempron 140	737	2105	18.63	\$39.59*
AMD Sempron 145	812	2076	8.56	\$94.92
AMD Sempron 150	701	2126	15.60	\$44.95
AMD Sempron 200U	267	2511	3.08	\$87.00*
AMD Sempron 210U	382	2360	NA	NA
AMD Sempron 2100+	392	2352	NA	NA
AMD Sempron 2200+	281	2495	9.38	\$29.99*
AMD Sempron 2300+	318	2429	7.07	\$45.00*
AMD Sempron 2400+	313	2437	11.62	\$27.00*
AMD Sempron 2500+	335	2413	4.20	\$79.95*
AMD Sempron 2600+	374	2370	12.49	\$29.95
AMD Sempron 2650 APU	941	2006	38.07	\$24.72
AMD Sempron 2800+	384	2359	6.48	\$59.29
AMD Sempron 3000+	408	2326	8.18	\$49.95
AMD Sempron 3100+	452	2282	7.53	\$60.00*
AMD Sempron 3200+	405	2333	31.16	\$13.00
AMD Sempron 3300+	484	2252	16.14	\$30.00
AMD Sempron 3400+	453	2281	15.15	\$29.91
AMD Sempron 3500+	384	2358	19.23	\$20.00
AMD Sempron 3600+	489	2240	40.78	\$12.00
AMD Sempron 3800+	554	2196	26.39	\$21.00
AMD Sempron 3850 APU	1707	1584	42.93	\$39.77
AMD Sempron Dual Core 2100	924	2015	23.69	\$39.00*
AMD Sempron Dual Core 2200	995	1966	NA	NA
AMD Sempron Dual Core 2300	982	1975	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2000	NA	NA
AMD Sempron Dual Core 4900	1081	1914	NA	NA
AMD Sempron LE-250	490	2238	NA	NA
AMD Sempron LE-1100	436	2301	NA	NA
AMD Sempron LE-1150	449	2285	NA	NA
AMD Sempron LE-1200	526	2213	NA	NA
AMD Sempron LE-1250	541	2204	6.78	\$79.95
AMD Sempron LE-1300	605	2167	50.47	\$12.00
AMD Sempron LE-1600	535	2210	NA	NA
AMD Sempron LE-1620	635	2155	NA	NA
AMD Sempron LE-1640	759	2096	NA	NA
AMD Sempron M100	556	2195	46.41	\$12.00
AMD Sempron M120	580	2183	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron SI-40	443	2293	36.93	\$12.00
AMD Sempron SI-42	455	2279	37.95	\$12.00
AMD Sempron X2 180	1222	1836	17.62	\$69.40*
AMD Sempron X2 190	1529	1673	18.33	\$83.44*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron X2 198 Dual-Core	1413	1728	NA	NA
AMD Turion 64 Mobile MK-36	465	2266	NA	NA
AMD Turion 64 Mobile MK-38	512	2222	NA	NA
AMD Turion 64 Mobile ML-28	390	2355	NA	NA
AMD Turion 64 Mobile ML-30	402	2337	NA	NA
AMD Turion 64 Mobile ML-32	410	2323	NA	NA
AMD Turion 64 Mobile ML-34	425	2314	NA	NA
AMD Turion 64 Mobile ML-37	447	2290	2.28	\$196.50*
AMD Turion 64 Mobile ML-40	520	2217	NA	NA
AMD Turion 64 Mobile ML-42	615	2163	NA	NA
AMD Turion 64 Mobile ML-44	591	2175	NA	NA
AMD Turion 64 Mobile MT-28	419	2315	NA	NA
AMD Turion 64 Mobile MT-30	378	2363	NA	NA
AMD Turion 64 Mobile MT-32	426	2313	NA	NA
AMD Turion 64 Mobile MT-34	429	2310	NA	NA
AMD Turion 64 Mobile MT-37	484	2251	NA	NA
AMD Turion 64 Mobile MT-40	536	2207	NA	NA
AMD Turion 64 X2 Mobile TL-50	753	2098	15.07	\$49.99*
AMD Turion 64 X2 Mobile TL-52	762	2093	NA	NA
AMD Turion 64 X2 Mobile TL-56	883	2038	44.16	\$20.00*
AMD Turion 64 X2 Mobile TL-58	945	2003	NA	NA
AMD Turion 64 X2 Mobile TL-60	988	1972	54.77	\$18.05*
AMD Turion 64 X2 Mobile TL-62	1093	1905	3.52	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1113	1890	28.26	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1112	1891	2.94	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1149	1875	12.77	\$90.00*
AMD Turion Dual-Core RM-70	895	2036	59.70	\$15.00*
AMD Turion Dual-Core RM-72	860	2048	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	1950	NA	NA
AMD Turion Dual-Core RM-75	961	1990	41.90	\$22.95*
AMD Turion II Dual-Core Mobile M500	1295	1789	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	1779	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1307	1778	NA	NA
AMD Turion II N530 Dual-Core	1583	1653	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1680	NA	NA
AMD Turion II Neo K625 Dual-Core	973	1979	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	1855	NA	NA
AMD Turion II Neo N40L Dual-Core	918	2022	NA	NA
AMD Turion II Neo N54L Dual-Core	1378	1743	NA	NA
AMD Turion II P520 Dual-Core	1362	1753	NA	NA
AMD Turion II P540 Dual-Core	1445	1715	28.94	\$49.96*
AMD Turion II P560 Dual-Core	1511	1686	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1405	1730	58.58	\$24.00*
AMD Turion II Ultra Dual-Core Mobile M620	1427	1723	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1614	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II Ultra Dual-Core Mobile M660	1533	1672	NA	NA
AMD Turion Neo X2 Dual Core L625	815	2073	NA	NA
AMD Turion X2 Dual Core L510	923	2017	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Dual Core Mobile RM-70	858	2050	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	1924	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	989	1971	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1089	1908	4.86	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1056	1926	42.34	\$24.95*
AMD Turion X2 Dual-Core Mobile RM-75	1142	1881	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1230	1831	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1017	1949	72.67	\$14.00
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1075	1917	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1212	1842	94.46	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1218	1838	27.07	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1787	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1348	1759	33.76	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	1964	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	1941	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1711	NA	NA
AMD V105	286	2482	NA	NA
AMD V120	622	2162	NA	NA
AMD V140	643	2153	49.47	\$13.00*
AMD V160	681	2135	NA	NA
AMD Z-01	523	2215	NA	NA
AMD Z-60 APU	485	2248	NA	NA
AMD-K6 3D	90	2633	NA	NA
AMD-K6-III	108	2630	NA	NA
AMD-K7	403	2336	NA	NA
Athlon 64 Dual Core 3800+	1234	1830	NA	NA
Athlon 64 Dual Core 4200+	1156	1871	NA	NA
Athlon 64 Dual Core 4800+	1370	1747	NA	NA
Athlon 64 Dual Core 5000+	1507	1687	NA	NA
Athlon 64 Dual Core 5400+	1614	1639	NA	NA
Athlon 64 Dual Core 5600+	1548	1667	NA	NA
Athlon Dual Core 4050e	968	1984	NA	NA
Athlon Dual Core 4450e	1081	1915	NA	NA
Athlon Dual Core 4850e	1327	1769	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1149	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1088	1909	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1174	1859	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1209	1845	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	1806	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1847	NA	NA
HP Hexa-Core 2.0GHz	2178	1381	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2051	NA	NA
Intel 1400 @ 1.83GHz	980	1978	NA	NA
Intel 1500 @ 2.00GHz	1024	1944	NA	NA
Intel Atom 230 @ 1.60GHz	307	2446	NA	NA
Intel Atom 330 @ 1.60GHz	590	2176	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C2338 @ 1.74GHz	898	2035	NA	NA
Intel Atom C2358 @ 1.74GHz	961	1991	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C2550 @ 2.40GHz	2329	1316	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1384	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3800	886	16.38	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	997	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1050	14.72	\$214.86*
Intel Atom C3558 @ 2.20GHz	2538	1245	29.52	\$86.00*
Intel Atom D410 @ 1.66GHz	303	2454	0.48	\$635.99*
Intel Atom D425 @ 1.80GHz	340	2409	0.34	\$992.98*
Intel Atom D510 @ 1.66GHz	653	2146	6.73	\$97.16*
Intel Atom D525 @ 1.80GHz	703	2124	NA	NA
Intel Atom D2500 @ 1.86GHz	406	2330	NA	NA
Intel Atom D2550 @ 1.86GHz	675	2139	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2118	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2058	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2113	NA	NA
Intel Atom E660 @ 1.30GHz	271	2508	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2403	NA	NA
Intel Atom E3815 @ 1.46GHz	362	2387	2.15	\$169.00
Intel Atom E3825 @ 1.33GHz	564	2194	8.03	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2241	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2055	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	1869	NA	NA
Intel Atom E3845 @ 1.91GHz	1474	1700	NA	NA
Intel Atom E3950 @ 1.60GHz	2034	1435	NA	NA
Intel Atom K510 @ 1.66GHz	658	2144	NA	NA
Intel Atom N270 @ 1.60GHz	270	2509	NA	NA
Intel Atom N280 @ 1.66GHz	286	2483	NA	NA
Intel Atom N435 @ 1.33GHz	236	2547	NA	NA
Intel Atom N450 @ 1.66GHz	300	2458	NA	NA
Intel Atom N455 @ 1.66GHz	284	2485	NA	NA
Intel Atom N470 @ 1.83GHz	307	2445	NA	NA
Intel Atom N475 @ 1.83GHz	314	2434	NA	NA
Intel Atom N550 @ 1.50GHz	521	2216	6.06	\$86.00*
Intel Atom N570 @ 1.66GHz	576	2186	6.70	\$86.00*
Intel Atom N2100 @ 1.60GHz	309	2442	NA	NA
Intel Atom N2600 @ 1.60GHz	525	2214	NA	NA
Intel Atom N2800 @ 1.86GHz	628	2158	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2025	14.32	\$64.00*
Intel Atom x5-E3930 @ 1.30GHz	811	2077	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1609	1642	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1203	1849	9.05	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1005	1957	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1296	1788	61.76	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1690	1598	27.02	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1874	1513	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1912	1484	25.97	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1935	1477	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z510 @ 1.10GHz	194	2584	4.33	\$45.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z515 @ 1.20GHz	218	2563	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2566	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2494	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2401	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2361	NA	NA
Intel Atom Z670 @ 1.50GHz	249	2533	NA	NA
Intel Atom Z2760 @ 1.80GHz	567	2193	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2026	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2013	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	907	2031	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2029	NA	NA
Intel Atom Z3736F @ 1.33GHz	920	2021	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	1923	NA	NA
Intel Atom Z3740D @ 1.33GHz	1020	1946	NA	NA
Intel Atom Z3745 @ 1.33GHz	1071	1919	NA	NA
Intel Atom Z3745D @ 1.33GHz	1019	1947	NA	NA
Intel Atom Z3770 @ 1.46GHz	1243	1827	8.32	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2079	NA	NA
Intel Atom Z3775 @ 1.46GHz	1251	1821	35.77	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1805	NA	NA
Intel Atom Z3795 @ 1.60GHz	1772	1554	NA	NA
Intel Celeron 1.70GHz	130	2623	NA	NA
Intel Celeron 1.80GHz	136	2620	NA	NA
Intel Celeron 2.00GHz	184	2593	NA	NA
Intel Celeron 2.10GHz	244	2540	NA	NA
Intel Celeron 2.13GHz	210	2571	NA	NA
Intel Celeron 2.20GHz	213	2568	NA	NA
Intel Celeron 2.26GHz	223	2558	NA	NA
Intel Celeron 2.30GHz	227	2555	NA	NA
Intel Celeron 2.40GHz	218	2564	NA	NA
Intel Celeron 2.50GHz	247	2535	NA	NA
Intel Celeron 2.53GHz	245	2538	NA	NA
Intel Celeron 2.60GHz	238	2544	NA	NA
Intel Celeron 2.66GHz	252	2529	NA	NA
Intel Celeron 2.70GHz	245	2539	NA	NA
Intel Celeron 2.80GHz	254	2525	NA	NA
Intel Celeron 2.93GHz	285	2484	NA	NA
Intel Celeron 3.06GHz	283	2488	NA	NA
Intel Celeron 3.20GHz	288	2475	NA	NA
Intel Celeron 3.33GHz	333	2416	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2424	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2427	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2283	12.96	\$34.78*
Intel Celeron 430 @ 1.80GHz	492	2235	9.50	\$51.86
Intel Celeron 440 @ 2.00GHz	542	2203	6.78	\$79.95
Intel Celeron 450 @ 2.20GHz	627	2159	NA	NA
Intel Celeron 530 @ 1.73GHz	468	2263	20.36	\$23.00*
Intel Celeron 540 @ 1.86GHz	511	2224	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 550 @ 2.00GHz	500	2231	38.52	\$13.00*
Intel Celeron 560 @ 2.13GHz	535	2208	6.70	\$79.95
Intel Celeron 570 @ 2.26GHz	526	2212	NA	NA
Intel Celeron 600MHz	147	2617	NA	NA
Intel Celeron 723 @ 1.20GHz	408	2325	NA	NA
Intel Celeron 743 @ 1.30GHz	435	2302	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2100	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2376	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2164	NA	NA
Intel Celeron 847 @ 1.10GHz	936	2009	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1026	1942	NA	NA
Intel Celeron 857 @ 1.20GHz	1172	1864	NA	NA
Intel Celeron 867 @ 1.30GHz	1199	1850	NA	NA
Intel Celeron 877 @ 1.40GHz	1288	1797	NA	NA
Intel Celeron 887 @ 1.50GHz	1297	1786	NA	NA
Intel Celeron 900 @ 2.20GHz	677	2137	23.36	\$28.99
Intel Celeron 925 @ 2.30GHz	696	2129	NA	NA
Intel Celeron 1000M @ 1.80GHz	1672	1608	NA	NA
Intel Celeron 1000MHz	241	2542	NA	NA
Intel Celeron 1005M @ 1.90GHz	1824	1532	NA	NA
Intel Celeron 1007U @ 1.50GHz	1398	1733	7.56	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1526	1676	NA	NA
Intel Celeron 1019Y @ 1.00GHz	926	2014	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1363	NA	NA
Intel Celeron 1037U @ 1.80GHz	1734	1571	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1853	NA	NA
Intel Celeron 1066MHz	259	2519	NA	NA
Intel Celeron 1100MHz	174	2602	NA	NA
Intel Celeron 1133MHz	282	2489	NA	NA
Intel Celeron 1200MHz	244	2541	NA	NA
Intel Celeron 1300MHz	288	2478	NA	NA
Intel Celeron 1333MHz	290	2471	NA	NA
Intel Celeron 1400MHz	302	2455	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1306	NA	NA
Intel Celeron 2950M @ 2.00GHz	2008	1449	NA	NA
Intel Celeron 2955U @ 1.40GHz	1437	1717	NA	NA
Intel Celeron 2957U @ 1.40GHz	1453	1712	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	1895	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1321	NA	NA
Intel Celeron 2980U @ 1.60GHz	1576	1658	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1659	NA	NA
Intel Celeron 3205U @ 1.50GHz	1545	1668	5.38	\$287.04
Intel Celeron 3215U @ 1.70GHz	1650	1622	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1589	NA	NA
Intel Celeron 3765U @ 1.90GHz	2038	1433	NA	NA
Intel Celeron 3855U @ 1.60GHz	1689	1599	NA	NA
Intel Celeron 3865U @ 1.80GHz	1901	1491	NA	NA
Intel Celeron 3955U @ 2.00GHz	1740	1569	NA	NA
Intel Celeron 3965U @ 2.20GHz	2433	1280	22.74	\$107.00*

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 Celeron @ 1.30GHz	965	1986	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2590	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2074	NA	NA
Intel Celeron B800 @ 1.50GHz	1284	1800	NA	NA
Intel Celeron B810 @ 1.60GHz	1381	1740	NA	NA
Intel Celeron B815 @ 1.60GHz	1373	1746	NA	NA
Intel Celeron B820 @ 1.70GHz	1430	1722	36.42	\$39.29
Intel Celeron B830 @ 1.80GHz	1529	1674	NA	NA
Intel Celeron B840 @ 1.90GHz	1724	1577	NA	NA
Intel Celeron D 347 @ 3.06GHz	274	2506	NA	NA
Intel Celeron D 352 @ 3.20GHz	305	2449	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2432	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2415	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2334	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2254	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2179	NA	NA
Intel Celeron E1200 @ 1.60GHz	860	2047	13.88	\$62.01*
Intel Celeron E1400 @ 2.00GHz	1046	1929	13.08	\$79.95
Intel Celeron E1500 @ 2.20GHz	1155	1872	18.28	\$63.25*
Intel Celeron E1600 @ 2.40GHz	1260	1815	NA	NA
Intel Celeron E3200 @ 2.40GHz	1386	1737	26.67	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1387	1736	124.01	\$11.19
Intel Celeron E3400 @ 2.60GHz	1436	1719	18.79	\$76.47*
Intel Celeron E3500 @ 2.70GHz	1454	1710	46.91	\$31.00
Intel Celeron G440 @ 1.60GHz	698	2128	5.59	\$125.00
Intel Celeron G460 @ 1.80GHz	1031	1937	15.88	\$65.00
Intel Celeron G465 @ 1.90GHz	1065	1922	13.32	\$80.00
Intel Celeron G470 @ 2.00GHz	1306	1780	NA	NA
Intel Celeron G530 @ 2.40GHz	2146	1392	35.78	\$59.99
Intel Celeron G530T @ 2.00GHz	1604	1644	NA	NA
Intel Celeron G540 @ 2.50GHz	2199	1374	13.93	\$157.95
Intel Celeron G540T @ 2.10GHz	2114	1406	NA	NA
Intel Celeron G550 @ 2.60GHz	2293	1333	28.67	\$80.00
Intel Celeron G550T @ 2.20GHz	2073	1424	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1285	48.45	\$50.00
Intel Celeron G1101 @ 2.27GHz	1727	1574	20.33	\$85.00*
Intel Celeron G1610 @ 2.60GHz	2498	1263	12.49	\$200.00
Intel Celeron G1610T @ 2.30GHz	2303	1326	57.53	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2581	1230	31.14	\$82.92*
Intel Celeron G1620T @ 2.40GHz	2353	1310	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2479	1268	35.43	\$69.99
Intel Celeron G1820 @ 2.70GHz	2770	1172	18.47	\$149.99*
Intel Celeron G1820T @ 2.40GHz	2505	1260	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1397	NA	NA
Intel Celeron G1830 @ 2.80GHz	2555	1242	36.00	\$70.99*
Intel Celeron G1840 @ 2.80GHz	2874	1143	11.06	\$259.99*
Intel Celeron G1840T @ 2.50GHz	2605	1223	NA	NA
Intel Celeron G1850 @ 2.90GHz	2898	1133	36.23	\$80.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3900 @ 2.80GHz	3055	1083	82.59	\$36.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3900E @ 2.40GHz	2707	1197	NA	NA
Intel Celeron G3900T @ 2.60GHz	2902	1130	NA	NA
Intel Celeron G3920 @ 2.90GHz	3412	980	80.94	\$42.16
Intel Celeron G3930 @ 2.90GHz	3083	1073	NA	NA
Intel Celeron G3950 @ 3.00GHz	3334	1000	26.46	\$126.03*
Intel Celeron J1750 @ 2.41GHz	1037	1936	NA	NA
Intel Celeron J1800 @ 2.41GHz	1028	1938	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1640	NA	NA
Intel Celeron J1900 @ 1.99GHz	1864	1515	NA	NA
Intel Celeron J3060 @ 1.60GHz	980	1977	NA	NA
Intel Celeron J3160 @ 1.60GHz	1801	1543	NA	NA
Intel Celeron J3355 @ 2.00GHz	1291	1793	NA	NA
Intel Celeron J3455 @ 1.50GHz	2139	1395	9.16	\$233.52*
Intel Celeron M 1.00GHz	207	2575	17.43	\$11.89
Intel Celeron M 1.30GHz	316	2431	NA	NA
Intel Celeron M 1.50GHz	343	2407	NA	NA
Intel Celeron M 1.60GHz	365	2383	NA	NA
Intel Celeron M 1.70GHz	393	2351	NA	NA
Intel Celeron M 360 1.40GHz	327	2420	NA	NA
Intel Celeron M 410 @ 1.46GHz	316	2430	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2410	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2380	NA	NA
Intel Celeron M 440 @ 1.86GHz	413	2320	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2526	NA	NA
Intel Celeron M 450 @ 2.00GHz	455	2278	NA	NA
Intel Celeron M 520 @ 1.60GHz	434	2306	NA	NA
Intel Celeron M 530 @ 1.73GHz	459	2274	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2202	NA	NA
Intel Celeron M 600MHz	151	2615	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2277	NA	NA
Intel Celeron M 900MHz	207	2574	NA	NA
Intel Celeron M 1200MHz	275	2504	NA	NA
Intel Celeron M 1300MHz	303	2452	NA	NA
Intel Celeron M 1500MHz	332	2418	NA	NA
Intel Celeron M ULV 800MHz	184	2595	NA	NA
Intel Celeron N2805 @ 1.46GHz	454	2280	NA	NA
Intel Celeron N2806 @ 1.60GHz	782	2084	NA	NA
Intel Celeron N2807 @ 1.58GHz	851	2054	NA	NA
Intel Celeron N2808 @ 1.58GHz	929	2012	NA	NA
Intel Celeron N2810 @ 2.00GHz	774	2089	4.14	\$186.99
Intel Celeron N2815 @ 1.86GHz	862	2046	NA	NA
Intel Celeron N2820 @ 2.13GHz	949	1999	5.00	\$190.00
Intel Celeron N2830 @ 2.16GHz	951	1998	NA	NA
Intel Celeron N2840 @ 2.16GHz	1008	1954	NA	NA
Intel Celeron N2910 @ 1.60GHz	1208	1846	NA	NA
Intel Celeron N2920 @ 1.86GHz	1516	1685	NA	NA
Intel Celeron N2930 @ 1.83GHz	1636	1628	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2940 @ 1.83GHz	1732	1572	NA	NA
Intel Celeron N3000 @ 1.04GHz	906	2032	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N3010 @ 1.04GHz	917	2024	NA	NA
Intel Celeron N3050 @ 1.60GHz	882	2039	2.94	\$299.99*
Intel Celeron N3060 @ 1.60GHz	995	1967	NA	NA
Intel Celeron N3150 @ 1.60GHz	1660	1617	NA	NA
Intel Celeron N3160 @ 1.60GHz	1702	1590	6.08	\$280.00
Intel Celeron N3350 @ 1.10GHz	1115	1887	NA	NA
Intel Celeron N3450 @ 1.10GHz	1837	1526	11.21	\$163.99
Intel Celeron P4500 @ 1.87GHz	1139	1883	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	1969	NA	NA
Intel Celeron P4600 @ 2.00GHz	1340	1761	NA	NA
Intel Celeron SU2300 @ 1.20GHz	775	2088	NA	NA
Intel Celeron T1600 @ 1.66GHz	947	2001	47.39	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	1925	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1588	NA	NA
Intel Celeron U3400 @ 1.07GHz	735	2106	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2132	NA	NA
Intel Celeron U3600 @ 1.20GHz	805	2078	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1047	1927	6.63	\$157.95
Intel Core2 Duo E4400 @ 2.00GHz	1160	1870	7.35	\$157.95
Intel Core2 Duo E4500 @ 2.20GHz	1274	1808	8.07	\$157.95
Intel Core2 Duo E4600 @ 2.40GHz	1384	1738	8.77	\$157.95
Intel Core2 Duo E4700 @ 2.60GHz	1482	1696	14.82	\$100.00*
Intel Core2 Duo E6300 @ 1.86GHz	1110	1894	7.03	\$157.95
Intel Core2 Duo E6320 @ 1.86GHz	1184	1856	7.50	\$157.95
Intel Core2 Duo E6400 @ 2.13GHz	1295	1790	8.20	\$157.95
Intel Core2 Duo E6420 @ 2.13GHz	1363	1751	8.63	\$157.95
Intel Core2 Duo E6540 @ 2.33GHz	1457	1709	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1691	9.49	\$157.95
Intel Core2 Duo E6600 @ 2.40GHz	1552	1666	9.83	\$157.95
Intel Core2 Duo E6700 @ 2.66GHz	1696	1596	14.63	\$115.99
Intel Core2 Duo E6750 @ 2.66GHz	1720	1578	27.75	\$61.99*
Intel Core2 Duo E6850 @ 3.00GHz	1950	1469	29.79	\$65.50
Intel Core2 Duo E7200 @ 2.53GHz	1635	1629	10.36	\$157.95
Intel Core2 Duo E7300 @ 2.66GHz	1725	1576	78.48	\$21.99*
Intel Core2 Duo E7400 @ 2.80GHz	1775	1552	11.24	\$157.95
Intel Core2 Duo E7500 @ 2.93GHz	1878	1508	134.29	\$13.99*
Intel Core2 Duo E7600 @ 3.06GHz	1989	1456	16.58	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1523	1679	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1765	1555	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1888	1501	11.95	\$157.95
Intel Core2 Duo E8235 @ 2.80GHz	1953	1467	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1309	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1999	1451	142.95	\$13.99*
Intel Core2 Duo E8335 @ 2.66GHz	1836	1528	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1399	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2157	1387	196.12	\$11.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8435 @ 3.06GHz	2127	1400	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2287	1335	99.47	\$23.00
Intel Core2 Duo E8600 @ 3.33GHz	2413	1289	104.99	\$22.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8700 @ 3.50GHz	2212	1367	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	746	2102	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2133	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	841	2060	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2057	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	967	1985	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	965	1987	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	1885	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1069	1920	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1339	1762	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1291	1792	64.62	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1301	1783	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1422	1725	35.58	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2002	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1524	1678	6.63	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1450	1714	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	1945	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1458	1707	4.91	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1539	1671	31.31	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1632	1632	42.96	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1745	1566	30.63	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1565	1664	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1763	1557	1.77	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1775	1553	17.93	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1873	1514	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2011	1446	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2177	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1268	1813	5.02	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1671	1611	5.89	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	935	2011	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	834	2064	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	832	2065	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	820	2069	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	936	2010	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	911	2028	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2030	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	922	2019	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1046	1928	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1026	1940	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	1970	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1092	1907	109.33	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1110	1893	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1187	1854	74.71	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1145	1880	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	1843	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T6400 @ 2.00GHz	1223	1834	81.64	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1286	1798	85.85	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1257	1817	32.65	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1365	1750	72.23	\$18.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T6670 @ 2.20GHz	1369	1748	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1009	1951	45.93	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1165	1868	11.66	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1110	1892	5.51	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1194	1851	38.54	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1243	1828	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1274	1807	29.65	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1376	1744	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1417	1726	30.16	\$46.99*
Intel Core2 Duo T7800 @ 2.60GHz	1615	1637	2.66	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1292	1791	1.29	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1480	1697	6.92	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1667	1615	28.76	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1739	1570	24.87	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1822	1534	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1802	1542	6.03	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1926	1482	29.64	\$64.99*
Intel Core2 Duo T9800 @ 2.93GHz	2014	1444	4.75	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2124	1402	5.33	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	870	2043	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	582	2181	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	664	2141	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	713	2117	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2049	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1131	1884	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1600	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	920	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3647	922	2.44	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3466	968	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1883	1505	7.14	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1541	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1767	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1687	1601	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1893	1495	NA	NA
Intel Core2 Extreme X9100 @ 3.06GHz	2048	1430	2.41	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4182	806	4.60	\$909.00*
Intel Core2 Extreme X9750 @ 3.16GHz	4597	726	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	722	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	715	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2962	1110	129.36	\$22.90
Intel Core2 Quad Q6700 @ 2.66GHz	3288	1009	126.52	\$25.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2816	1160	122.53	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2992	1101	19.30	\$155.00
Intel Core2 Quad Q8400 @ 2.66GHz	3184	1042	35.58	\$89.50

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q9000 @ 2.00GHz	2527	1247	6.50	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3237	1028	8.39	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3166	1048	126.71	\$24.99*
Intel Core2 Quad Q9400 @ 2.66GHz	3362	993	112.12	\$29.99
Intel Core2 Quad Q9450 @ 2.66GHz	3770	897	11.25	\$335.25*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q9500 @ 2.83GHz	3565	942	104.90	\$33.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3590	936	18.90	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3984	845	84.79	\$46.99
Intel Core2 Quad Q9650 @ 3.00GHz	4188	805	50.47	\$82.99
Intel Core2 Quad Q9705 @ 3.16GHz	3947	849	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	303	2451	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2440	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2318	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	466	2265	NA	NA
Intel Core 330 @ 1.60GHz	643	2150	NA	NA
Intel Core 860 @ 2.80GHz	4555	737	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2114	NA	NA
Intel Core Duo L2400 @ 1.66GHz	710	2119	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	2109	NA	NA
Intel Core Duo T2050 @ 1.60GHz	698	2127	NA	NA
Intel Core Duo T2250 @ 1.73GHz	758	2097	NA	NA
Intel Core Duo T2300 @ 1.66GHz	731	2107	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2094	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2080	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	828	2066	NA	NA
Intel Core Duo T2500 @ 2.00GHz	874	2042	7.29	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	942	2005	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	1943	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2200	NA	NA
Intel Core Duo U2500 @ 1.20GHz	517	2218	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1478	NA	NA
Intel Core i3-330M @ 2.13GHz	1791	1549	36.90	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1074	1918	NA	NA
Intel Core i3-350M @ 2.27GHz	1894	1494	47.42	\$39.95
Intel Core i3-370M @ 2.40GHz	2020	1441	50.57	\$39.96
Intel Core i3-380M @ 2.53GHz	2096	1413	42.78	\$49.00*
Intel Core i3-380UM @ 1.33GHz	1169	1865	NA	NA
Intel Core i3-390M @ 2.67GHz	2176	1382	55.88	\$38.95*
Intel Core i3-530 @ 2.93GHz	2580	1234	103.21	\$25.00
Intel Core i3-540 @ 3.07GHz	2691	1200	67.28	\$40.00
Intel Core i3-550 @ 3.20GHz	2829	1153	47.17	\$59.99
Intel Core i3-560 @ 3.33GHz	2970	1107	16.51	\$179.95*
Intel Core i3-2100 @ 3.10GHz	3677	916	122.59	\$30.00
Intel Core i3-2100T @ 2.50GHz	2912	1124	24.27	\$119.99
Intel Core i3-2102 @ 3.10GHz	3817	880	NA	NA
Intel Core i3-2105 @ 3.10GHz	3719	907	31.52	\$118.00*
Intel Core i3-2120 @ 3.30GHz	3915	859	55.93	\$70.00
Intel Core i3-2120T @ 2.60GHz	3145	1058	27.84	\$113.00

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	4008	839	23.72	\$169.00
Intel Core i3-2130 @ 3.40GHz	4056	826	34.09	\$118.99
Intel Core i3-2140 @ 3.50GHz	4325	782	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1148	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2425	1283	53.92	\$44.99
Intel Core i3-2312M @ 2.10GHz	2381	1300	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2328M @ 2.20GHz	2534	1246	NA	NA
Intel Core i3-2330E @ 2.20GHz	3073	1075	NA	NA
Intel Core i3-2330M @ 2.20GHz	2524	1251	50.54	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1299	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1579	NA	NA
Intel Core i3-2348M @ 2.30GHz	2616	1218	NA	NA
Intel Core i3-2350M @ 2.30GHz	2617	1217	62.37	\$41.97*
Intel Core i3-2357M @ 1.30GHz	1589	1652	NA	NA
Intel Core i3-2365M @ 1.40GHz	1675	1607	NA	NA
Intel Core i3-2367M @ 1.40GHz	1700	1592	NA	NA
Intel Core i3-2370M @ 2.40GHz	2765	1177	46.87	\$59.00*
Intel Core i3-2375M @ 1.50GHz	1782	1550	NA	NA
Intel Core i3-2377M @ 1.50GHz	1826	1530	NA	NA
Intel Core i3-3110M @ 2.40GHz	3071	1076	38.42	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3216	1032	20.10	\$160.00*
Intel Core i3-3130M @ 2.60GHz	3374	991	NA	NA
Intel Core i3-3210 @ 3.20GHz	4029	831	36.64	\$110.00
Intel Core i3-3217U @ 1.80GHz	2300	1328	6.63	\$347.12*
Intel Core i3-3217UE @ 1.60GHz	2162	1385	NA	NA
Intel Core i3-3220 @ 3.30GHz	4230	795	59.04	\$71.66
Intel Core i3-3220T @ 2.80GHz	3688	915	22.28	\$165.50
Intel Core i3-3225 @ 3.30GHz	4336	778	16.46	\$263.50
Intel Core i3-3227U @ 1.90GHz	2463	1272	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1694	1597	NA	NA
Intel Core i3-3240 @ 3.40GHz	4313	784	35.95	\$119.99
Intel Core i3-3240T @ 2.90GHz	3653	921	NA	NA
Intel Core i3-3245 @ 3.40GHz	4418	758	36.22	\$122.00
Intel Core i3-3250 @ 3.50GHz	4438	754	10.02	\$443.10*
Intel Core i3-3250T @ 3.00GHz	3021	1091	NA	NA
Intel Core i3-4000M @ 2.40GHz	3232	1029	16.17	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2447	1275	NA	NA
Intel Core i3-4010U @ 1.70GHz	2443	1277	19.65	\$124.31
Intel Core i3-4010Y @ 1.30GHz	1890	1498	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2188	1378	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2200	1373	NA	NA
Intel Core i3-4025U @ 1.90GHz	2774	1170	NA	NA
Intel Core i3-4030U @ 1.90GHz	2710	1194	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1259	NA	NA
Intel Core i3-4100M @ 2.50GHz	3479	962	15.92	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	867	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1131	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1085	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4130 @ 3.40GHz	4793	693	27.39	\$174.99
Intel Core i3-4130T @ 2.90GHz	4124	819	46.35	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4894	673	25.74	\$190.13
Intel Core i3-4150T @ 3.00GHz	4226	796	18.38	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1122	NA	NA
Intel Core i3-4160 @ 3.60GHz	5050	645	34.90	\$144.74
Intel Core i3-4160T @ 3.10GHz	4382	766	30.86	\$141.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4170 @ 3.70GHz	5186	625	37.72	\$137.50
Intel Core i3-4170T @ 3.20GHz	4578	730	30.53	\$149.95
Intel Core i3-4330 @ 3.50GHz	5085	638	12.71	\$400.00
Intel Core i3-4330T @ 3.00GHz	4482	750	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3161	1052	NA	NA
Intel Core i3-4340 @ 3.60GHz	5240	618	25.60	\$204.69
Intel Core i3-4350 @ 3.60GHz	4963	661	38.19	\$129.99*
Intel Core i3-4350T @ 3.10GHz	4302	785	NA	NA
Intel Core i3-4360 @ 3.70GHz	5465	590	15.53	\$352.00*
Intel Core i3-4360T @ 3.20GHz	4636	717	NA	NA
Intel Core i3-4370 @ 3.80GHz	5594	572	5.65	\$989.89
Intel Core i3-4370T @ 3.30GHz	4832	684	35.02	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	668	NA	NA
Intel Core i3-5005U @ 2.00GHz	2910	1125	NA	NA
Intel Core i3-5010U @ 2.10GHz	3063	1081	9.40	\$326.01*
Intel Core i3-5015U @ 2.10GHz	3017	1092	NA	NA
Intel Core i3-5020U @ 2.20GHz	3182	1043	6.93	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	919	NA	NA
Intel Core i3-6006U @ 2.00GHz	3101	1068	NA	NA
Intel Core i3-6098P @ 3.60GHz	5538	579	41.42	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5494	584	47.95	\$114.59
Intel Core i3-6100E @ 2.70GHz	3769	898	NA	NA
Intel Core i3-6100H @ 2.70GHz	4165	812	NA	NA
Intel Core i3-6100T @ 3.20GHz	4834	683	48.84	\$99.00
Intel Core i3-6100TE @ 2.70GHz	4317	783	NA	NA
Intel Core i3-6100U @ 2.30GHz	3564	943	6.92	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3836	872	NA	NA
Intel Core i3-6300 @ 3.80GHz	5852	540	41.58	\$140.74
Intel Core i3-6300T @ 3.30GHz	5236	620	32.00	\$163.63
Intel Core i3-6320 @ 3.90GHz	6043	523	36.46	\$165.76
Intel Core i3-7100 @ 3.90GHz	5839	543	51.23	\$113.99
Intel Core i3-7100H @ 3.00GHz	4747	698	21.10	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5056	644	NA	NA
Intel Core i3-7100U @ 2.40GHz	3781	894	NA	NA
Intel Core i3-7101TE @ 3.40GHz	5016	653	42.88	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4145	814	14.75	\$281.00*
Intel Core i3-7300 @ 4.00GHz	6434	487	40.22	\$159.99
Intel Core i3-7300T @ 3.50GHz	5366	607	NA	NA
Intel Core i3-7320 @ 4.10GHz	6526	478	38.17	\$170.99
Intel Core i3-7350K @ 4.20GHz	6628	469	41.43	\$159.99
Intel Core i3-8100 @ 3.60GHz	8096	348	73.61	\$109.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8350K @ 4.00GHz	9164	273	51.17	\$179.11
Intel Core i5 750S @ 2.40GHz	2197	1375	8.72	\$252.01
Intel Core i5 E 520 @ 2.40GHz	2486	1266	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3602	930	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3777	895	NA	NA
Intel Core i5-430M @ 2.27GHz	2101	1412	19.10	\$109.99*
Intel Core i5-430UM @ 1.20GHz	1339	1763	NA	NA
Intel Core i5-450M @ 2.40GHz	2108	1409	66.00	\$31.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-460M @ 2.53GHz	2334	1314	31.15	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1273	1809	NA	NA
Intel Core i5-480M @ 2.67GHz	2416	1287	29.99	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1359	NA	NA
Intel Core i5-520M @ 2.40GHz	2375	1302	39.59	\$59.99
Intel Core i5-520UM @ 1.07GHz	1356	1756	NA	NA
Intel Core i5-540M @ 2.53GHz	2448	1274	12.89	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1400	1732	NA	NA
Intel Core i5-560M @ 2.67GHz	2591	1227	31.61	\$81.97*
Intel Core i5-560UM @ 1.33GHz	1664	1616	NA	NA
Intel Core i5-580M @ 2.67GHz	2621	1214	23.84	\$109.95*
Intel Core i5-650 @ 3.20GHz	3110	1065	23.53	\$132.20
Intel Core i5-655K @ 3.20GHz	3401	983	NA	NA
Intel Core i5-660 @ 3.33GHz	3256	1020	22.31	\$145.95
Intel Core i5-661 @ 3.33GHz	3187	1040	12.65	\$252.01
Intel Core i5-670 @ 3.47GHz	3312	1005	20.08	\$165.00
Intel Core i5-680 @ 3.60GHz	3502	956	12.88	\$272.01
Intel Core i5-750 @ 2.67GHz	3705	910	15.80	\$234.50
Intel Core i5-760 @ 2.80GHz	3897	865	17.17	\$227.00
Intel Core i5-2300 @ 2.80GHz	5350	610	28.16	\$189.99*
Intel Core i5-2310 @ 2.90GHz	5522	582	40.83	\$135.25*
Intel Core i5-2320 @ 3.00GHz	5751	553	37.38	\$153.88
Intel Core i5-2380P @ 3.10GHz	5664	562	31.47	\$180.00
Intel Core i5-2390T @ 2.70GHz	4269	788	42.74	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5935	530	67.45	\$88.00
Intel Core i5-2400S @ 2.50GHz	4938	666	70.56	\$70.00
Intel Core i5-2405S @ 2.50GHz	5029	647	30.59	\$164.40*
Intel Core i5-2410M @ 2.30GHz	3164	1049	28.78	\$109.95*
Intel Core i5-2415M @ 2.30GHz	3294	1008	NA	NA
Intel Core i5-2430M @ 2.40GHz	3277	1011	16.39	\$199.95*
Intel Core i5-2435M @ 2.40GHz	3251	1023	NA	NA
Intel Core i5-2450M @ 2.50GHz	3399	984	26.15	\$130.00*
Intel Core i5-2450P @ 3.20GHz	6132	513	31.45	\$195.00*
Intel Core i5-2467M @ 1.60GHz	2333	1315	NA	NA
Intel Core i5-2500 @ 3.30GHz	6311	497	45.26	\$139.44
Intel Core i5-2500K @ 3.30GHz	6469	482	13.20	\$489.95*
Intel Core i5-2500S @ 2.70GHz	5305	615	39.10	\$135.70
Intel Core i5-2500T @ 2.30GHz	4680	708	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	918	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1004	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2520M @ 2.50GHz	3583	938	21.13	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2084	1419	NA	NA
Intel Core i5-2540M @ 2.60GHz	3775	896	53.98	\$69.95
Intel Core i5-2550K @ 3.40GHz	6692	461	35.41	\$189.00
Intel Core i5-2557M @ 1.70GHz	2651	1208	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	902	NA	NA
Intel Core i5-3210M @ 2.50GHz	3817	881	18.62	\$205.00*
Intel Core i5-3230M @ 2.60GHz	3933	855	15.75	\$249.65
Intel Core i5-3317U @ 1.70GHz	3088	1071	13.73	\$225.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3320M @ 2.60GHz	4099	821	33.40	\$122.74*
Intel Core i5-3330 @ 3.00GHz	5916	533	16.44	\$359.95
Intel Core i5-3330S @ 2.70GHz	5658	563	25.19	\$224.59*
Intel Core i5-3335S @ 2.70GHz	5768	549	NA	NA
Intel Core i5-3337U @ 1.80GHz	3214	1034	14.29	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2228	1364	NA	NA
Intel Core i5-3340 @ 3.10GHz	6076	521	32.15	\$188.99
Intel Core i5-3340M @ 2.70GHz	4234	794	52.96	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5794	546	18.11	\$320.00
Intel Core i5-3350P @ 3.10GHz	6135	511	21.16	\$290.00
Intel Core i5-3360M @ 2.80GHz	4428	757	45.15	\$98.08*
Intel Core i5-3380M @ 2.90GHz	4413	760	NA	NA
Intel Core i5-3427U @ 1.80GHz	3543	947	8.44	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3624	924	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2890	1136	NA	NA
Intel Core i5-3450 @ 3.10GHz	6503	480	32.68	\$199.00
Intel Core i5-3450S @ 2.80GHz	6177	506	41.18	\$150.00
Intel Core i5-3470 @ 3.20GHz	6661	463	58.01	\$114.83
Intel Core i5-3470S @ 2.90GHz	6301	498	30.29	\$208.00
Intel Core i5-3470T @ 2.90GHz	4529	742	20.08	\$225.57
Intel Core i5-3475S @ 2.90GHz	6508	479	75.77	\$85.90*
Intel Core i5-3550 @ 3.30GHz	6909	446	26.04	\$265.40
Intel Core i5-3550S @ 3.00GHz	6845	450	27.33	\$250.51
Intel Core i5-3570 @ 3.40GHz	7074	433	29.60	\$238.99
Intel Core i5-3570K @ 3.40GHz	7162	424	26.05	\$275.00
Intel Core i5-3570S @ 3.10GHz	6696	459	23.50	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5877	537	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3786	890	NA	NA
Intel Core i5-4200H @ 2.80GHz	4437	755	NA	NA
Intel Core i5-4200M @ 2.50GHz	4039	829	22.44	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3281	1010	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1292	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2261	1352	NA	NA
Intel Core i5-4210H @ 2.90GHz	4543	740	NA	NA
Intel Core i5-4210M @ 2.60GHz	4199	802	13.55	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3399	985	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2363	1307	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1351	NA	NA
Intel Core i5-4250U @ 1.30GHz	3449	970	9.61	\$358.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4258U @ 2.40GHz	4093	822	NA	NA
Intel Core i5-4260U @ 1.40GHz	3586	937	NA	NA
Intel Core i5-4278U @ 2.60GHz	4346	775	NA	NA
Intel Core i5-4288U @ 2.60GHz	4367	771	NA	NA
Intel Core i5-4300M @ 2.60GHz	4404	762	NA	NA
Intel Core i5-4300U @ 1.90GHz	3743	904	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2514	1256	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2958	1111	NA	NA
Intel Core i5-4308U @ 2.80GHz	4084	824	NA	NA
Intel Core i5-4310M @ 2.70GHz	4587	728	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4310U @ 2.00GHz	3703	913	NA	NA
Intel Core i5-4330M @ 2.80GHz	4564	734	16.60	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4810	690	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	927	NA	NA
Intel Core i5-4400E @ 2.70GHz	1271	1811	NA	NA
Intel Core i5-4402E @ 1.60GHz	3947	850	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1163	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6294	499	6.42	\$979.89
Intel Core i5-4430S @ 2.70GHz	5868	538	39.66	\$147.99*
Intel Core i5-4440 @ 3.10GHz	6477	481	8.20	\$789.89
Intel Core i5-4440S @ 2.80GHz	6169	508	19.90	\$309.99*
Intel Core i5-4460 @ 3.20GHz	6694	460	33.47	\$199.99
Intel Core i5-4460S @ 2.90GHz	6393	492	9.69	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4930	669	NA	NA
Intel Core i5-4570 @ 3.20GHz	7093	430	26.29	\$269.80
Intel Core i5-4570R @ 2.70GHz	6689	462	NA	NA
Intel Core i5-4570S @ 2.90GHz	6769	454	24.19	\$279.89
Intel Core i5-4570T @ 2.90GHz	4814	688	13.93	\$345.50*
Intel Core i5-4570TE @ 2.70GHz	4008	838	14.93	\$268.42*
Intel Core i5-4590 @ 3.30GHz	7270	417	31.88	\$228.05
Intel Core i5-4590S @ 3.00GHz	6984	438	20.19	\$346.00
Intel Core i5-4590T @ 2.00GHz	5580	575	NA	NA
Intel Core i5-4670 @ 3.40GHz	7415	404	20.60	\$359.95
Intel Core i5-4670K @ 3.40GHz	7625	388	20.08	\$379.80
Intel Core i5-4670K CPT @ 3.40GHz	7411	406	NA	NA
Intel Core i5-4670S @ 3.10GHz	6436	486	NA	NA
Intel Core i5-4670T @ 2.30GHz	6234	500	28.34	\$220.00*
Intel Core i5-4690 @ 3.50GHz	7627	387	23.40	\$325.98
Intel Core i5-4690K @ 3.50GHz	7783	373	25.12	\$309.83
Intel Core i5-4690S @ 3.20GHz	7421	402	27.10	\$273.83
Intel Core i5-4690T @ 2.50GHz	6429	490	NA	NA
Intel Core i5-5200U @ 2.20GHz	3493	957	NA	NA
Intel Core i5-5250U @ 1.60GHz	3608	928	8.17	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4407	761	NA	NA
Intel Core i5-5287U @ 2.90GHz	4683	707	NA	NA
Intel Core i5-5300U @ 2.30GHz	3782	892	7.64	\$495.14*
Intel Core i5-5350U @ 1.80GHz	3249	1024	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	401	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-5675C @ 3.10GHz	8168	340	16.00	\$510.60
Intel Core i5-5675R @ 3.10GHz	8061	350	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4170	809	NA	NA
Intel Core i5-6200U @ 2.30GHz	4011	835	NA	NA
Intel Core i5-6260U @ 1.80GHz	4370	767	8.42	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4946	663	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	697	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6075	522	NA	NA
Intel Core i5-6300U @ 2.40GHz	4369	768	NA	NA
Intel Core i5-6360U @ 2.00GHz	4836	681	NA	NA
Intel Core i5-6400 @ 2.70GHz	6752	457	35.17	\$192.01
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6400T @ 2.20GHz	5601	571	33.15	\$169.00
Intel Core i5-6402P @ 2.80GHz	7403	407	38.97	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	547	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6777	453	NA	NA
Intel Core i5-6500 @ 3.20GHz	7228	420	36.33	\$199.00
Intel Core i5-6500T @ 2.50GHz	6213	502	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6585	473	NA	NA
Intel Core i5-6600 @ 3.30GHz	7757	376	34.38	\$225.65
Intel Core i5-6600K @ 3.50GHz	8041	354	35.11	\$229.00
Intel Core i5-6600T @ 2.70GHz	7299	415	43.71	\$167.00
Intel Core i5-7200U @ 2.50GHz	4664	711	NA	NA
Intel Core i5-7260U @ 2.20GHz	5750	554	NA	NA
Intel Core i5-7267U @ 3.10GHz	5198	623	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6851	449	NA	NA
Intel Core i5-7300U @ 2.60GHz	5109	634	NA	NA
Intel Core i5-7360U @ 2.30GHz	6080	520	NA	NA
Intel Core i5-7400 @ 3.00GHz	7414	405	46.34	\$159.99
Intel Core i5-7400T @ 2.40GHz	6583	474	41.40	\$159.00
Intel Core i5-7440HQ @ 2.80GHz	8040	355	NA	NA
Intel Core i5-7500 @ 3.40GHz	8093	349	42.60	\$189.99
Intel Core i5-7500T @ 2.70GHz	7168	423	31.58	\$226.98
Intel Core i5-7600 @ 3.50GHz	8878	299	40.36	\$219.99
Intel Core i5-7600K @ 3.80GHz	9161	274	40.72	\$224.99
Intel Core i5-7600T @ 2.80GHz	8163	342	32.51	\$251.11
Intel Core i5-7640X @ 4.00GHz	9222	267	40.27	\$229.00
Intel Core i5-8250U @ 1.60GHz	7641	386	NA	NA
Intel Core i5-8350U @ 1.70GHz	8643	317	29.10	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11783	148	58.92	\$199.99*
Intel Core i5-8600K @ 3.60GHz	12821	128	51.29	\$249.99
Intel Core i5-24050S @ 2.50GHz	4928	670	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3911	861	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1462	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1243	NA	NA
Intel Core i7-620LM @ 2.00GHz	1952	1468	NA	NA
Intel Core i7-620M @ 2.67GHz	2731	1189	24.83	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	1771	NA	NA
Intel Core i7-640LM @ 2.13GHz	2245	1358	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-640M @ 2.80GHz	2849	1146	17.82	\$159.95
Intel Core i7-640UM @ 1.20GHz	1672	1609	NA	NA
Intel Core i7-660UM @ 1.33GHz	1821	1535	NA	NA
Intel Core i7-680UM @ 1.47GHz	1686	1602	NA	NA
Intel Core i7-720QM @ 1.60GHz	3022	1090	27.49	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3200	1038	29.11	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3252	1022	23.40	\$139.00
Intel Core i7-840QM @ 1.87GHz	3418	977	9.27	\$368.90*
Intel Core i7-860 @ 2.80GHz	5028	650	17.46	\$288.10
Intel Core i7-860S @ 2.53GHz	4711	701	11.16	\$422.01
Intel Core i7-870 @ 2.93GHz	5373	603	17.34	\$309.95
Intel Core i7-870S @ 2.67GHz	4969	660	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-875K @ 2.93GHz	5451	594	11.22	\$486.01
Intel Core i7-880 @ 3.07GHz	5679	560	9.74	\$583.00*
Intel Core i7-920 @ 2.67GHz	4942	665	13.73	\$359.95*
Intel Core i7-920XM @ 2.00GHz	3781	893	22.84	\$165.55*
Intel Core i7-930 @ 2.80GHz	5157	626	10.13	\$508.95*
Intel Core i7-940 @ 2.93GHz	5387	601	18.02	\$299.00
Intel Core i7-940XM @ 2.13GHz	3943	853	NA	NA
Intel Core i7-950 @ 3.07GHz	5579	576	18.00	\$309.99
Intel Core i7-960 @ 3.20GHz	5847	542	19.82	\$295.00
Intel Core i7-965 @ 3.20GHz	5878	536	16.38	\$359.00
Intel Core i7-970 @ 3.20GHz	8417	328	15.30	\$550.00
Intel Core i7-975 @ 3.33GHz	6135	512	13.14	\$467.00
Intel Core i7-980 @ 3.33GHz	8722	307	12.46	\$699.99
Intel Core i7-980X @ 3.33GHz	8827	302	11.03	\$799.99
Intel Core i7-985 @ 3.47GHz	6641	467	NA	NA
Intel Core i7-990X @ 3.47GHz	9117	278	7.60	\$1,199.99
Intel Core i7-995X @ 3.60GHz	9791	226	NA	NA
Intel Core i7-2600 @ 3.40GHz	8207	336	60.80	\$135.00
Intel Core i7-2600K @ 3.40GHz	8459	325	19.23	\$440.00
Intel Core i7-2600S @ 2.80GHz	7074	432	23.72	\$298.26
Intel Core i7-2610UE @ 1.50GHz	2481	1267	NA	NA
Intel Core i7-2617M @ 1.50GHz	2818	1158	NA	NA
Intel Core i7-2620M @ 2.70GHz	3836	874	21.41	\$179.21
Intel Core i7-2630QM @ 2.00GHz	5542	578	42.96	\$129.00*
Intel Core i7-2630UM @ 1.60GHz	2584	1229	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5460	591	NA	NA
Intel Core i7-2637M @ 1.70GHz	2904	1129	NA	NA
Intel Core i7-2640M @ 2.80GHz	3925	856	21.11	\$185.97
Intel Core i7-2655LE @ 2.20GHz	3161	1053	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5912	535	42.53	\$139.00
Intel Core i7-2675QM @ 2.20GHz	5533	580	NA	NA
Intel Core i7-2677M @ 1.80GHz	2829	1152	NA	NA
Intel Core i7-2700K @ 3.50GHz	8732	306	28.26	\$309.00
Intel Core i7-2710QE @ 2.10GHz	5768	550	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	608	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6113	515	35.97	\$169.97*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2760QM @ 2.40GHz	6595	471	47.13	\$139.95
Intel Core i7-2820QM @ 2.30GHz	6631	468	18.42	\$359.95*
Intel Core i7-2840QM @ 2.40GHz	6766	455	NA	NA
Intel Core i7-2860QM @ 2.50GHz	7009	436	11.68	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7101	429	11.66	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7185	422	17.53	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3590	935	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3323	1001	NA	NA
Intel Core i7-3520M @ 2.90GHz	4526	743	19.26	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3842	870	NA	NA
Intel Core i7-3540M @ 3.00GHz	4648	714	10.81	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	4130	817	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	483	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3610QM @ 2.30GHz	7471	399	18.68	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6428	491	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6820	452	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	411	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7365	409	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7594	391	31.78	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6932	444	20.69	\$335.00*
Intel Core i7-3635QM @ 2.40GHz	6645	466	NA	NA
Intel Core i7-3667U @ 2.00GHz	3994	842	NA	NA
Intel Core i7-3687U @ 2.10GHz	4214	799	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3269	1014	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8120	347	24.26	\$334.72*
Intel Core i7-3740QM @ 2.70GHz	8342	331	41.72	\$199.95*
Intel Core i7-3770 @ 3.40GHz	9304	264	29.12	\$319.50
Intel Core i7-3770K @ 3.50GHz	9534	243	27.24	\$349.97
Intel Core i7-3770S @ 3.10GHz	8885	297	41.54	\$213.90
Intel Core i7-3770T @ 2.50GHz	8190	339	24.82	\$329.99*
Intel Core i7-3820 @ 3.60GHz	9000	289	29.03	\$309.99
Intel Core i7-3820QM @ 2.70GHz	8458	326	17.37	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8789	304	26.24	\$335.00
Intel Core i7-3920XM @ 2.90GHz	9146	277	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	12020	145	19.87	\$604.95
Intel Core i7-3940XM @ 3.00GHz	9311	263	17.28	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12640	134	7.66	\$1,650.00
Intel Core i7-3970X @ 3.50GHz	12644	133	24.79	\$509.99
Intel Core i7-4500U @ 1.80GHz	3790	888	NA	NA
Intel Core i7-4510U @ 2.00GHz	3935	854	NA	NA
Intel Core i7-4550U @ 1.50GHz	3826	878	NA	NA
Intel Core i7-4558U @ 2.80GHz	4361	772	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	780	NA	NA
Intel Core i7-4578U @ 3.00GHz	4745	699	NA	NA
Intel Core i7-4600M @ 2.90GHz	4839	680	NA	NA
Intel Core i7-4600U @ 2.10GHz	4107	820	NA	NA
Intel Core i7-4610M @ 3.00GHz	4945	664	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3738	905	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4650U @ 1.70GHz	4000	841	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7229	419	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7750	378	20.24	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7696	381	40.72	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7491	397	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7137	427	NA	NA
Intel Core i7-4710HQ @ 2.50GHz	7752	377	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7985	360	29.40	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7517	394	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7160	425	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8020	357	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	352	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8285	332	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8481	323	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4765T @ 2.00GHz	7300	414	27.04	\$269.99*
Intel Core i7-4770 @ 3.40GHz	9795	225	26.19	\$374.00
Intel Core i7-4770HQ @ 2.20GHz	8964	292	NA	NA
Intel Core i7-4770K @ 3.50GHz	10101	204	21.05	\$479.99
Intel Core i7-4770R @ 3.20GHz	9838	224	NA	NA
Intel Core i7-4770S @ 3.10GHz	9342	259	25.49	\$366.46
Intel Core i7-4770T @ 2.50GHz	8667	313	28.05	\$308.99*
Intel Core i7-4770TE @ 2.30GHz	7065	434	NA	NA
Intel Core i7-4771 @ 3.50GHz	9879	220	24.04	\$411.00*
Intel Core i7-4785T @ 2.20GHz	7606	390	NA	NA
Intel Core i7-4790 @ 3.60GHz	9995	213	27.39	\$365.00
Intel Core i7-4790K @ 4.00GHz	11190	157	28.77	\$389.00
Intel Core i7-4790S @ 3.20GHz	9571	241	25.44	\$376.18
Intel Core i7-4790T @ 2.70GHz	9059	283	25.24	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8499	321	18.48	\$459.95*
Intel Core i7-4810MQ @ 2.80GHz	8648	315	20.35	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9733	232	24.40	\$398.88*
Intel Core i7-4850HQ @ 2.30GHz	9025	286	20.80	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7925	363	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9220	268	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9332	260	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9070	282	14.89	\$609.29*
Intel Core i7-4910MQ @ 2.90GHz	9456	254	20.56	\$459.95
Intel Core i7-4930K @ 3.40GHz	13042	121	18.37	\$709.97
Intel Core i7-4930MX @ 3.00GHz	9514	246	8.68	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9900	218	15.00	\$659.95
Intel Core i7-4960HQ @ 2.60GHz	9768	228	15.68	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13833	109	7.94	\$1,741.73
Intel Core i7-4980HQ @ 2.80GHz	10185	197	NA	NA
Intel Core i7-5500U @ 2.40GHz	3969	848	NA	NA
Intel Core i7-5550U @ 2.00GHz	4254	791	NA	NA
Intel Core i7-5557U @ 3.10GHz	4950	662	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4299	786	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	798	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5675C @ 3.10GHz	8164	341	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	334	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8385	329	NA	NA
Intel Core i7-5775C @ 3.30GHz	11029	163	25.04	\$440.44*
Intel Core i7-5775R @ 3.30GHz	10874	170	NA	NA
Intel Core i7-5820K @ 3.30GHz	13001	124	28.26	\$460.00
Intel Core i7-5850HQ @ 2.70GHz	9459	252	NA	NA
Intel Core i7-5930K @ 3.50GHz	13644	113	22.25	\$613.17
Intel Core i7-5950HQ @ 2.90GHz	10949	168	NA	NA
Intel Core i7-5960X @ 3.00GHz	15984	72	17.76	\$899.95
Intel Core i7-6498DU @ 2.50GHz	4548	739	NA	NA
Intel Core i7-6500U @ 2.50GHz	4433	756	NA	NA
Intel Core i7-6560U @ 2.20GHz	4802	692	NA	NA
Intel Core i7-6567U @ 3.30GHz	5635	566	NA	NA
Intel Core i7-6600U @ 2.60GHz	4810	691	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6650U @ 2.20GHz	4934	667	NA	NA
Intel Core i7-6700 @ 3.40GHz	10038	210	31.49	\$318.74
Intel Core i7-6700HQ @ 2.60GHz	8146	345	5.40	\$1,509.00*
Intel Core i7-6700K @ 4.00GHz	11113	160	25.36	\$438.20
Intel Core i7-6700T @ 2.80GHz	9047	284	26.69	\$339.00*
Intel Core i7-6700TE @ 2.40GHz	9029	285	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9714	235	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13612	115	35.92	\$379.00
Intel Core i7-6820EQ @ 2.80GHz	8968	291	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9152	276	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8796	303	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6332	496	NA	NA
Intel Core i7-6850K @ 3.60GHz	14386	97	34.44	\$417.77
Intel Core i7-6900K @ 3.20GHz	17681	48	17.42	\$1,015.00
Intel Core i7-6920HQ @ 2.90GHz	9602	239	NA	NA
Intel Core i7-6950X @ 3.00GHz	19973	27	12.98	\$1,538.99
Intel Core i7-7500U @ 2.70GHz	5215	621	NA	NA
Intel Core i7-7560U @ 2.40GHz	5912	534	NA	NA
Intel Core i7-7567U @ 3.50GHz	6529	476	NA	NA
Intel Core i7-7600U @ 2.80GHz	5588	573	NA	NA
Intel Core i7-7660U @ 2.50GHz	6147	510	NA	NA
Intel Core i7-7700 @ 3.60GHz	10795	171	34.94	\$309.00
Intel Core i7-7700HQ @ 2.80GHz	8881	298	NA	NA
Intel Core i7-7700K @ 4.20GHz	12077	144	36.94	\$326.99
Intel Core i7-7700T @ 2.90GHz	9208	270	27.20	\$338.50
Intel Core i7-7740X @ 4.30GHz	12222	141	37.61	\$324.99
Intel Core i7-7800X @ 3.50GHz	14557	94	39.89	\$364.99
Intel Core i7-7820HK @ 2.90GHz	10064	207	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9457	253	NA	NA
Intel Core i7-7820X @ 3.60GHz	18726	37	33.44	\$559.99
Intel Core i7-7900X @ 3.30GHz	18539	39	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	10134	200	NA	NA
Intel Core i7-8550U @ 1.80GHz	8199	337	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8650U @ 1.90GHz	9169	272	NA	NA
Intel Core i7-8700 @ 3.20GHz	15220	82	40.65	\$374.45
Intel Core i7-8700K @ 3.70GHz	16140	69	47.61	\$339.00
Intel Core i9-7900X @ 3.30GHz	22150	13	22.84	\$969.99
Intel Core i9-7920X @ 2.90GHz	23217	9	20.90	\$1,110.99
Intel Core i9-7940X @ 3.10GHz	25040	7	18.10	\$1,383.59
Intel Core i9-7960X @ 2.80GHz	26599	4	16.94	\$1,569.99
Intel Core i9-7980XE @ 2.60GHz	27973	2	14.72	\$1,899.99
Intel Core m3-6Y30 @ 0.90GHz	3051	1084	NA	NA
Intel Core m3-7Y30 @ 1.00GHz	3559	945	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3527	952	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3360	996	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3224	1030	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3518	953	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2749	1183	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2150	1389	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core M-5Y10c @ 0.80GHz	2820	1157	10.04	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2763	1178	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2527	1249	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1094	NA	NA
Intel Core M-5Y71 @ 1.20GHz	3048	1087	10.85	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	395	2347	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2344	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2262	NA	NA
Intel Core Solo U1300 @ 1.06GHz	276	2501	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2499	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2419	NA	NA
Intel E3000 @ 3.40GHz	2767	1175	NA	NA
Intel Pentium 4 1.40GHz	164	2606	NA	NA
Intel Pentium 4 1.50GHz	131	2622	NA	NA
Intel Pentium 4 1.60GHz	129	2624	NA	NA
Intel Pentium 4 1.70GHz	133	2621	NA	NA
Intel Pentium 4 1.80GHz	161	2609	NA	NA
Intel Pentium 4 1.90GHz	159	2610	NA	NA
Intel Pentium 4 2.00GHz	189	2587	NA	NA
Intel Pentium 4 2.20GHz	210	2570	NA	NA
Intel Pentium 4 2.26GHz	221	2560	NA	NA
Intel Pentium 4 2.40GHz	228	2553	NA	NA
Intel Pentium 4 2.50GHz	245	2537	NA	NA
Intel Pentium 4 2.53GHz	248	2534	NA	NA
Intel Pentium 4 2.60GHz	288	2476	NA	NA
Intel Pentium 4 2.66GHz	254	2524	NA	NA
Intel Pentium 4 2.80GHz	322	2425	NA	NA
Intel Pentium 4 2.93GHz	297	2463	NA	NA
Intel Pentium 4 3.00GHz	353	2397	NA	NA
Intel Pentium 4 3.06GHz	347	2402	NA	NA
Intel Pentium 4 3.20GHz	375	2367	NA	NA
Intel Pentium 4 3.40GHz	396	2346	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 3.46GHz	487	2242	NA	NA
Intel Pentium 4 3.60GHz	490	2239	NA	NA
Intel Pentium 4 3.73GHz	486	2244	NA	NA
Intel Pentium 4 3.80GHz	485	2249	NA	NA
Intel Pentium 4 4.00GHz	184	2592	NA	NA
Intel Pentium 4 1300MHz	119	2628	NA	NA
Intel Pentium 4 1400MHz	127	2625	NA	NA
Intel Pentium 4 1500MHz	125	2626	NA	NA
Intel Pentium 4 1600MHz	193	2586	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2613	NA	NA
Intel Pentium 4 1800MHz	162	2608	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2616	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2582	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2598	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2573	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2601	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2572	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 Mobile 2.00GHz	202	2578	NA	NA
Intel Pentium 5 2.66GHz	705	2122	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	1903	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1153	1874	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	1876	NA	NA
Intel Pentium 987 @ 1.50GHz	1219	1837	NA	NA
Intel Pentium 997 @ 1.60GHz	1460	1706	NA	NA
Intel Pentium 1403 @ 2.60GHz	2747	1184	NA	NA
Intel Pentium 2020M @ 2.40GHz	2291	1334	17.10	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2420	1286	18.07	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1658	1618	12.38	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1824	1531	13.62	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1044	1930	7.80	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2305	1324	NA	NA
Intel Pentium 3556U @ 1.70GHz	1712	1583	NA	NA
Intel Pentium 3558U @ 1.70GHz	1696	1595	NA	NA
Intel Pentium 3560M @ 2.40GHz	2275	1343	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1814	NA	NA
Intel Pentium 3805U @ 1.90GHz	1988	1457	NA	NA
Intel Pentium 3825U @ 1.90GHz	2560	1239	NA	NA
Intel Pentium 4405U @ 2.10GHz	2970	1108	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1427	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2094	1414	13.01	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3203	1036	NA	NA
Intel Pentium A1018 @ 2.10GHz	1605	1643	NA	NA
Intel Pentium B940 @ 2.00GHz	1727	1575	57.69	\$29.94*
Intel Pentium B950 @ 2.10GHz	1713	1582	NA	NA
Intel Pentium B960 @ 2.20GHz	1853	1518	37.83	\$48.99*
Intel Pentium B970 @ 2.30GHz	1959	1465	38.42	\$50.99*
Intel Pentium B980 @ 2.40GHz	2044	1431	29.23	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3843	869	29.79	\$129.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium D 805 @ 2.66GHz	535	2209	NA	NA
Intel Pentium D 830 @ 3.00GHz	643	2152	NA	NA
Intel Pentium D 915 @ 2.80GHz	583	2180	NA	NA
Intel Pentium D 940 @ 3.20GHz	710	2120	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2104	NA	NA
Intel Pentium D 960 @ 3.60GHz	814	2075	NA	NA
Intel Pentium E2140 @ 1.60GHz	868	2044	5.50	\$157.95
Intel Pentium E2160 @ 1.80GHz	998	1963	28.52	\$35.00
Intel Pentium E2180 @ 2.00GHz	1087	1910	41.51	\$26.20*
Intel Pentium E2200 @ 2.20GHz	1204	1848	7.63	\$157.95
Intel Pentium E2210 @ 2.20GHz	1174	1860	NA	NA
Intel Pentium E2220 @ 2.40GHz	1332	1766	8.44	\$157.95
Intel Pentium E5200 @ 2.50GHz	1489	1694	15.04	\$99.00
Intel Pentium E5300 @ 2.60GHz	1543	1670	61.86	\$24.95
Intel Pentium E5400 @ 2.70GHz	1598	1648	10.12	\$157.95
Intel Pentium E5500 @ 2.80GHz	1638	1627	10.38	\$157.95
Intel Pentium E5700 @ 3.00GHz	1744	1567	11.05	\$157.95
Intel Pentium E5800 @ 3.20GHz	1907	1485	194.81	\$9.79
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E6300 @ 2.80GHz	1705	1587	114.05	\$14.95*
Intel Pentium E6500 @ 2.93GHz	1763	1556	157.64	\$11.19
Intel Pentium E6600 @ 3.06GHz	1876	1511	125.95	\$14.90*
Intel Pentium E6700 @ 3.20GHz	1945	1471	37.48	\$51.90
Intel Pentium E6800 @ 3.33GHz	2020	1442	2.43	\$831.38*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2027	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	1983	NA	NA
Intel Pentium G620 @ 2.60GHz	2300	1329	14.56	\$157.95
Intel Pentium G620T @ 2.20GHz	2052	1428	25.66	\$79.99*
Intel Pentium G630 @ 2.70GHz	2369	1303	78.99	\$29.99
Intel Pentium G630T @ 2.30GHz	2122	1404	26.54	\$79.99*
Intel Pentium G640 @ 2.80GHz	2527	1248	101.16	\$24.99*
Intel Pentium G640T @ 2.40GHz	1906	1486	NA	NA
Intel Pentium G645 @ 2.90GHz	2588	1228	27.25	\$95.00*
Intel Pentium G645T @ 2.50GHz	2281	1340	NA	NA
Intel Pentium G840 @ 2.80GHz	2571	1236	42.87	\$59.99*
Intel Pentium G850 @ 2.90GHz	2666	1205	76.42	\$34.90
Intel Pentium G860 @ 3.00GHz	2751	1182	14.87	\$185.00
Intel Pentium G870 @ 3.10GHz	2832	1151	29.20	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2619	1216	72.79	\$35.99*
Intel Pentium G2020 @ 2.90GHz	2768	1174	46.18	\$59.95
Intel Pentium G2020T @ 2.50GHz	2463	1271	38.49	\$64.00*
Intel Pentium G2030 @ 3.00GHz	2877	1141	70.20	\$40.99*
Intel Pentium G2030T @ 2.60GHz	2490	1264	38.91	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1165	NA	NA
Intel Pentium G2120 @ 3.10GHz	3079	1074	35.79	\$86.05
Intel Pentium G2130 @ 3.20GHz	3213	1035	40.17	\$79.99
Intel Pentium G2140 @ 3.30GHz	3387	987	40.77	\$83.08
Intel Pentium G3220 @ 3.00GHz	3144	1060	30.65	\$102.60*
Intel Pentium G3220T @ 2.60GHz	2611	1220	65.31	\$39.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3240 @ 3.10GHz	3176	1045	44.82	\$70.88*
Intel Pentium G3240T @ 2.70GHz	2936	1120	NA	NA
Intel Pentium G3250 @ 3.20GHz	3264	1016	34.38	\$94.95*
Intel Pentium G3250T @ 2.80GHz	2970	1106	64.59	\$45.99*
Intel Pentium G3258 @ 3.20GHz	3903	862	9.47	\$412.31
Intel Pentium G3260 @ 3.30GHz	3380	989	27.04	\$125.05
Intel Pentium G3260T @ 2.90GHz	2914	1121	29.15	\$99.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1296	NA	NA
Intel Pentium G3420 @ 3.20GHz	3414	978	16.95	\$201.41*
Intel Pentium G3420T @ 2.70GHz	3008	1096	21.49	\$139.99
Intel Pentium G3430 @ 3.30GHz	3474	964	29.92	\$116.15*
Intel Pentium G3440 @ 3.30GHz	3302	1007	19.24	\$171.65*
Intel Pentium G3440T @ 2.80GHz	3101	1067	NA	NA
Intel Pentium G3450 @ 3.40GHz	3704	911	21.11	\$175.48*
Intel Pentium G3450T @ 2.90GHz	2967	1109	NA	NA
Intel Pentium G3460 @ 3.50GHz	3594	933	12.47	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3706	909	35.54	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3578	939	62.80	\$56.99
Intel Pentium G4400T @ 2.90GHz	3248	1025	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G4500 @ 3.50GHz	3793	887	52.72	\$71.96
Intel Pentium G4500T @ 3.00GHz	3471	966	NA	NA
Intel Pentium G4520 @ 3.60GHz	4195	803	46.16	\$90.89
Intel Pentium G4560 @ 3.50GHz	4907	672	67.68	\$72.51
Intel Pentium G4560T @ 2.90GHz	4137	816	NA	NA
Intel Pentium G4600 @ 3.60GHz	5142	629	62.38	\$82.45
Intel Pentium G4600T @ 3.00GHz	4328	781	49.31	\$87.78*
Intel Pentium G4620 @ 3.70GHz	5261	617	48.92	\$107.55
Intel Pentium G6950 @ 2.80GHz	1857	1516	30.97	\$59.99
Intel Pentium G6951 @ 2.80GHz	2140	1394	22.77	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2101	1411	NA	NA
Intel Pentium III 933S @ 933MHz	238	2545	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2486	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2498	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2443	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2464	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2461	NA	NA
Intel Pentium III Mobile 750MHz	103	2631	NA	NA
Intel Pentium III Mobile 800MHz	182	2596	NA	NA
Intel Pentium III Mobile 866MHz	152	2614	NA	NA
Intel Pentium III Mobile 933MHz	218	2562	8.58	\$25.51
Intel Pentium III Mobile 1000MHz	245	2536	NA	NA
Intel Pentium III Mobile 1066MHz	268	2510	NA	NA
Intel Pentium III Mobile 1133MHz	251	2530	NA	NA
Intel Pentium III Mobile 1200MHz	262	2517	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1524	NA	NA
Intel Pentium J2900 @ 2.41GHz	1977	1460	NA	NA
Intel Pentium J3710 @ 1.60GHz	1994	1452	NA	NA
Intel Pentium J4205 @ 1.50GHz	2295	1332	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1.10GHz	282	2490	NA	NA
Intel Pentium M 1.20GHz	298	2462	NA	NA
Intel Pentium M 1.30GHz	301	2456	NA	NA
Intel Pentium M 1.40GHz	345	2405	NA	NA
Intel Pentium M 1.50GHz	368	2378	NA	NA
Intel Pentium M 1.60GHz	363	2386	NA	NA
Intel Pentium M 1.70GHz	405	2332	NA	NA
Intel Pentium M 1.73GHz	414	2319	NA	NA
Intel Pentium M 1.80GHz	408	2327	NA	NA
Intel Pentium M 1.86GHz	438	2298	NA	NA
Intel Pentium M 2.00GHz	464	2267	NA	NA
Intel Pentium M 2.10GHz	448	2287	NA	NA
Intel Pentium M 2.13GHz	509	2225	NA	NA
Intel Pentium M 2.26GHz	509	2226	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2253	NA	NA
Intel Pentium M 900MHz	217	2565	NA	NA
Intel Pentium M 1000MHz	233	2550	NA	NA
Intel Pentium M 1100MHz	259	2520	NA	NA
Intel Pentium M 1200MHz	237	2546	NA	NA
Intel Pentium M 1300MHz	303	2450	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1400MHz	321	2426	NA	NA
Intel Pentium M 1500MHz	354	2394	NA	NA
Intel Pentium M 1600MHz	332	2417	NA	NA
Intel Pentium M 1700MHz	376	2366	NA	NA
Intel Pentium N3510 @ 1.99GHz	1517	1684	NA	NA
Intel Pentium N3520 @ 2.16GHz	1797	1545	NA	NA
Intel Pentium N3530 @ 2.16GHz	1890	1497	NA	NA
Intel Pentium N3540 @ 2.16GHz	1943	1473	7.75	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1849	1520	4.16	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1883	1506	NA	NA
Intel Pentium N4200 @ 1.10GHz	2014	1443	10.20	\$197.50
Intel Pentium P6000 @ 1.87GHz	1254	1819	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	1770	110.51	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1347	1760	22.45	\$59.99*
Intel Pentium P6300 @ 2.27GHz	1380	1741	NA	NA
Intel Pentium SU2700 @ 1.30GHz	407	2329	NA	NA
Intel Pentium SU4100 @ 1.30GHz	864	2045	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2059	NA	NA
Intel Pentium T2060 @ 1.60GHz	669	2140	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2123	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	709	2121	NA	NA
Intel Pentium T2310 @ 1.46GHz	726	2111	NA	NA
Intel Pentium T2330 @ 1.60GHz	836	2063	NA	NA
Intel Pentium T2370 @ 1.73GHz	846	2056	24.20	\$35.00*
Intel Pentium T2390 @ 1.86GHz	941	2007	NA	NA
Intel Pentium T2410 @ 2.00GHz	996	1965	NA	NA
Intel Pentium T3200 @ 2.00GHz	1026	1939	85.55	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1114	1888	79.63	\$14.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T4200 @ 2.00GHz	1147	1877	95.60	\$12.00
Intel Pentium T4300 @ 2.10GHz	1238	1829	NA	NA
Intel Pentium T4400 @ 2.20GHz	1282	1804	NA	NA
Intel Pentium T4500 @ 2.30GHz	1336	1765	NA	NA
Intel Pentium U5400 @ 1.20GHz	822	2068	NA	NA
Intel Pentium U5600 @ 1.33GHz	952	1997	NA	NA
Intel T1200 @ 1.50GHz	435	2304	NA	NA
Intel T1400 @ 1.73GHz	917	2023	NA	NA
Intel T1500 @ 1.86GHz	940	2008	NA	NA
Intel T2050 @ 2.00GHz	959	1993	NA	NA
Intel Xeon 2.00GHz	233	2549	NA	NA
Intel XEON 2.20GHz	252	2527	NA	NA
Intel Xeon 2.40GHz	276	2502	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2303	NA	NA
Intel Xeon 2.80GHz	400	2341	NA	NA
Intel Xeon 3.00GHz	391	2353	NA	NA
Intel Xeon 3.06GHz	491	2236	NA	NA
Intel Xeon 3.20GHz	461	2272	NA	NA
Intel Xeon 3.40GHz	478	2256	NA	NA
Intel Xeon 3.60GHz	500	2232	0.59	\$851.00*
Intel Xeon 3.73GHz	1041	1933	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3.80GHz	604	2171	0.71	\$851.00*
Intel Xeon 1500MHz	193	2585	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1801	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1311	1775	52.04	\$25.20*
Intel Xeon 3060 @ 2.40GHz	1518	1682	4.90	\$309.95*
Intel Xeon 3065 @ 2.33GHz	1504	1689	71.99	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1776	1551	4.34	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1523	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1663	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	1916	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1249	1823	0.74	\$1,683.98*
Intel Xeon 5130 @ 2.00GHz	1378	1742	35.89	\$38.40
Intel Xeon 5133 @ 2.20GHz	1598	1647	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1626	35.87	\$45.71*
Intel Xeon 5148 @ 2.33GHz	1590	1651	39.78	\$39.99*
Intel Xeon 5150 @ 2.66GHz	1750	1563	109.48	\$15.99*
Intel Xeon 5160 @ 3.00GHz	1968	1463	134.82	\$14.60*
Intel Xeon D-1518 @ 2.20GHz	4700	705	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	552	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	440	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8612	318	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	233	27.96	\$348.00*
Intel Xeon D-1540 @ 2.00GHz	10573	177	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11184	158	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	351	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14693	88	NA	NA
Intel Xeon D-1587 @ 1.70GHz	13950	106	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1220 @ 3.10GHz	6086	519	11.94	\$509.95
Intel Xeon E3-1220 V2 @ 3.10GHz	6651	465	20.21	\$329.10
Intel Xeon E3-1220 v3 @ 3.10GHz	6991	437	29.75	\$234.97
Intel Xeon E3-1220 v5 @ 3.00GHz	7670	384	31.89	\$240.52
Intel Xeon E3-1220 v6 @ 3.00GHz	8010	358	34.99	\$228.95
Intel Xeon E3-1220L @ 2.20GHz	3563	944	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4478	751	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1408	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5921	532	23.97	\$247.02
Intel Xeon E3-1225 V2 @ 3.20GHz	6841	451	24.97	\$274.00
Intel Xeon E3-1225 v3 @ 3.20GHz	7186	421	15.68	\$458.34
Intel Xeon E3-1225 v5 @ 3.30GHz	7865	367	30.25	\$259.99
Intel Xeon E3-1225 v6 @ 3.30GHz	8163	344	34.74	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7585	392	18.04	\$420.52*
Intel Xeon E3-1230 @ 3.20GHz	7907	364	18.46	\$428.35
Intel Xeon E3-1230 V2 @ 3.30GHz	8859	300	24.61	\$359.95
Intel Xeon E3-1230 v3 @ 3.30GHz	9328	261	35.65	\$261.66*
Intel Xeon E3-1230 v5 @ 3.40GHz	9747	231	32.51	\$299.80
Intel Xeon E3-1230 v6 @ 3.50GHz	9856	222	39.37	\$250.37
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	418	25.12	\$287.90
Intel Xeon E3-1231 v3 @ 3.40GHz	9639	238	29.54	\$326.33
Intel Xeon E3-1235 @ 3.20GHz	7680	383	31.48	\$244.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1235L v5 @ 2.00GHz	6122	514	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	8002	359	38.29	\$209.00
Intel Xeon E3-1240 V2 @ 3.40GHz	9181	271	26.39	\$347.95
Intel Xeon E3-1240 v3 @ 3.40GHz	9696	236	32.32	\$299.99*
Intel Xeon E3-1240 v5 @ 3.50GHz	10377	186	31.33	\$331.26
Intel Xeon E3-1240 v6 @ 3.70GHz	10874	169	35.50	\$306.30
Intel Xeon E3-1240L v3 @ 2.00GHz	7487	398	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	372	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10044	209	22.02	\$456.07
Intel Xeon E3-1245 @ 3.30GHz	8048	353	31.56	\$255.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9110	280	19.72	\$461.92*
Intel Xeon E3-1245 v3 @ 3.40GHz	9579	240	16.35	\$585.81
Intel Xeon E3-1245 v5 @ 3.50GHz	10260	192	30.16	\$340.15
Intel Xeon E3-1245 v6 @ 3.70GHz	10339	188	35.53	\$291.02
Intel Xeon E3-1246 v3 @ 3.50GHz	9907	217	21.14	\$468.58
Intel Xeon E3-1260L @ 2.40GHz	6534	475	17.94	\$364.22*
Intel Xeon E3-1260L v5 @ 2.90GHz	10067	206	24.09	\$418.00
Intel Xeon E3-1265L @ 2.40GHz	6038	524	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7779	374	54.62	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	8713	308	12.27	\$709.95
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	368	NA	NA
Intel Xeon E3-1270 @ 3.40GHz	8233	335	22.31	\$369.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9483	251	33.02	\$287.20
Intel Xeon E3-1270 v3 @ 3.50GHz	9863	221	26.66	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10309	190	28.25	\$364.97
Intel Xeon E3-1270 v6 @ 3.80GHz	11022	164	30.79	\$357.94

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1271 v3 @ 3.60GHz	10087	205	21.37	\$472.00
Intel Xeon E3-1275 @ 3.40GHz	8348	330	27.46	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9344	258	25.96	\$360.00
Intel Xeon E3-1275 v3 @ 3.50GHz	9844	223	24.55	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10390	185	21.65	\$480.00
Intel Xeon E3-1275 v6 @ 3.80GHz	10975	167	29.19	\$375.96
Intel Xeon E3-1275L v3 @ 2.70GHz	8771	305	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10218	194	18.62	\$548.91*
Intel Xeon E3-1280 @ 3.50GHz	8473	324	12.28	\$689.93
Intel Xeon E3-1280 V2 @ 3.60GHz	9561	242	14.82	\$644.99*
Intel Xeon E3-1280 v3 @ 3.60GHz	9720	234	13.94	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	176	12.40	\$860.00
Intel Xeon E3-1280 v6 @ 3.90GHz	11262	155	NA	NA
Intel Xeon E3-1281 v3 @ 3.70GHz	10295	191	11.73	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10115	203	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11689	151	25.98	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	10010	211	12.37	\$809.00
Intel Xeon E3-1285L v4 @ 3.40GHz	11224	156	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	219	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	10129	201	13.09	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	309	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9749	230	11.02	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	431	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1505M v5 @ 2.80GHz	8945	294	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9984	215	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10509	179	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9277	266	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10713	175	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10474	181	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10740	174	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10483	180	NA	NA
Intel Xeon E5-1410 @ 2.80GHz	7312	413	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7420	403	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5533	581	33.54	\$164.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6102	518	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6390	493	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5838	544	212.33	\$27.50*
Intel Xeon E5-1607 v2 @ 3.00GHz	6148	509	19.64	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6950	442	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7352	410	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9085	281	30.18	\$301.00
Intel Xeon E5-1620 v2 @ 3.70GHz	9533	244	28.98	\$329.00
Intel Xeon E5-1620 v3 @ 3.50GHz	9766	229	28.00	\$348.77
Intel Xeon E5-1620 v4 @ 3.50GHz	9986	214	27.74	\$359.95
Intel Xeon E5-1630 v3 @ 3.70GHz	10251	193	17.15	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10315	189	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11767	150	67.25	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12658	131	19.63	\$644.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1650 v3 @ 3.50GHz	13594	117	12.72	\$1,068.78
Intel Xeon E5-1650 v4 @ 3.60GHz	14239	98	22.60	\$629.99*
Intel Xeon E5-1660 @ 3.30GHz	12377	136	10.09	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13777	110	7.62	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14423	95	8.92	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16276	66	NA	NA
Intel Xeon E5-1680 v2 @ 3.00GHz	16618	59	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16707	55	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17012	52	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	41	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3532	951	9.06	\$389.69*
Intel Xeon E5-2403 v2 @ 1.80GHz	3492	958	15.67	\$222.84*
Intel Xeon E5-2407 @ 2.20GHz	3832	875	11.44	\$335.04*
Intel Xeon E5-2407 v2 @ 2.40GHz	4575	731	9.61	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	622	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7139	426	20.97	\$340.50
Intel Xeon E5-2420 v2 @ 2.20GHz	8646	316	18.02	\$479.90*
Intel Xeon E5-2430 @ 2.20GHz	6878	447	20.53	\$335.00
Intel Xeon E5-2430 v2 @ 2.50GHz	8608	319	37.27	\$230.99
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	470	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9319	262	12.51	\$745.00
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	255	23.56	\$400.00
Intel Xeon E5-2450 @ 2.10GHz	10186	196	14.10	\$722.22*
Intel Xeon E5-2450L @ 1.80GHz	7389	408	61.84	\$119.50*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2470 @ 2.30GHz	10061	208	61.35	\$164.00*
Intel Xeon E5-2603 @ 1.80GHz	3570	941	8.62	\$414.46*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	900	9.89	\$380.82*
Intel Xeon E5-2603 v3 @ 1.60GHz	5140	631	22.65	\$227.00
Intel Xeon E5-2603 v4 @ 1.70GHz	5473	589	23.80	\$229.99*
Intel Xeon E5-2608L v3 @ 2.00GHz	7768	375	17.62	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4631	719	42.10	\$110.00
Intel Xeon E5-2609 v2 @ 2.50GHz	5091	637	10.52	\$484.01
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	529	20.48	\$290.00
Intel Xeon E5-2609 v4 @ 1.70GHz	6920	445	15.95	\$434.00*
Intel Xeon E5-2618L v3 @ 2.30GHz	12508	135	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	92	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7946	362	76.41	\$104.00
Intel Xeon E5-2620 v2 @ 2.10GHz	8698	310	19.13	\$454.60
Intel Xeon E5-2620 v3 @ 2.40GHz	10001	212	14.08	\$710.54
Intel Xeon E5-2620 v4 @ 2.10GHz	11358	153	16.14	\$703.69
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	295	22.07	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8163	343	14.87	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	257	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	146	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13041	122	9.56	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	165	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8887	296	69.54	\$127.81
Intel Xeon E5-2630 v2 @ 2.60GHz	10413	183	6.12	\$1,702.50

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2630 v3 @ 2.40GHz	12823	127	18.86	\$679.99
Intel Xeon E5-2630 v4 @ 2.20GHz	13936	107	18.51	\$752.99
Intel Xeon E5-2630L @ 2.00GHz	7900	365	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9655	237	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9216	269	12.26	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	126	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9504	248	5.82	\$1,632.83
Intel Xeon E5-2637 v3 @ 3.50GHz	10128	202	7.82	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10469	182	9.22	\$1,136.00*
Intel Xeon E5-2640 @ 2.50GHz	9498	249	91.01	\$104.37
Intel Xeon E5-2640 v2 @ 2.00GHz	9914	216	20.63	\$480.68
Intel Xeon E5-2640 v3 @ 2.60GHz	13965	105	14.32	\$975.24*
Intel Xeon E5-2640 v4 @ 2.40GHz	15331	80	14.70	\$1,042.85
Intel Xeon E5-2643 @ 3.30GHz	8490	322	15.91	\$533.80
Intel Xeon E5-2643 v2 @ 3.50GHz	12324	138	7.34	\$1,679.57
Intel Xeon E5-2643 v3 @ 3.40GHz	13852	108	7.45	\$1,860.00
Intel Xeon E5-2643 v4 @ 3.40GHz	13600	116	7.91	\$1,719.05*
Intel Xeon E5-2648L v3 @ 1.80GHz	12332	137	9.23	\$1,335.98
Intel Xeon E5-2648L v4 @ 1.80GHz	12883	125	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14673	89	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10159	198	81.93	\$124.00
Intel Xeon E5-2650 v2 @ 2.60GHz	13019	123	23.81	\$546.90
Intel Xeon E5-2650 v3 @ 2.30GHz	14941	86	14.53	\$1,028.09
Intel Xeon E5-2650 v4 @ 2.20GHz	15975	73	13.65	\$1,169.99*
Intel Xeon E5-2650L @ 1.80GHz	8676	311	109.83	\$79.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2650L v3 @ 1.80GHz	13390	119	13.26	\$1,010.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	102	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	154	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	250	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	101	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	64	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16290	65	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11140	159	101.02	\$110.28
Intel Xeon E5-2660 v2 @ 2.20GHz	13564	118	25.72	\$527.50*
Intel Xeon E5-2660 v3 @ 2.60GHz	16151	68	10.67	\$1,513.50
Intel Xeon E5-2660 v4 @ 2.00GHz	17786	46	11.94	\$1,489.97
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	104	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11776	149	83.23	\$141.50*
Intel Xeon E5-2667 @ 2.90GHz	10392	184	55.38	\$187.65*
Intel Xeon E5-2667 v2 @ 3.30GHz	16174	67	21.18	\$763.56
Intel Xeon E5-2667 v3 @ 3.20GHz	16101	70	7.12	\$2,259.95*
Intel Xeon E5-2667 v4 @ 3.20GHz	16654	57	6.70	\$2,486.48*
Intel Xeon E5-2670 @ 2.60GHz	12233	140	49.69	\$246.20
Intel Xeon E5-2670 v2 @ 2.50GHz	15031	85	54.29	\$276.90
Intel Xeon E5-2670 v3 @ 2.30GHz	16619	58	10.00	\$1,661.33*
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	63	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16982	53	24.26	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21625	17	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2675 v3 @ 1.80GHz	15156	84	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17652	49	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	54	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25236	6	9.34	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12803	129	53.36	\$239.95
Intel Xeon E5-2680 v2 @ 2.80GHz	15906	74	31.44	\$506.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18626	38	9.75	\$1,909.95
Intel Xeon E5-2680 v4 @ 2.40GHz	19953	28	11.32	\$1,762.90*
Intel Xeon E5-2682 v4 @ 2.50GHz	15333	79	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17407	50	8.77	\$1,984.99*
Intel Xeon E5-2685 v3 @ 2.60GHz	14154	100	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	32	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14404	96	14.93	\$964.98
Intel Xeon E5-2687W v2 @ 3.40GHz	16507	60	4.49	\$3,676.51
Intel Xeon E5-2687W v3 @ 3.10GHz	17719	47	7.06	\$2,509.95
Intel Xeon E5-2687W v4 @ 3.00GHz	19979	26	9.03	\$2,211.95*
Intel Xeon E5-2689 @ 2.60GHz	13747	112	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19521	31	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	14031	103	37.42	\$375.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16503	61	5.46	\$3,022.83
Intel Xeon E5-2690 v3 @ 2.60GHz	19240	33	8.15	\$2,359.99*
Intel Xeon E5-2690 v4 @ 2.60GHz	21323	21	9.99	\$2,133.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	71	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15847	75	8.93	\$1,774.85*
Intel Xeon E5-2695 v3 @ 2.30GHz	20297	24	8.12	\$2,499.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	25	8.15	\$2,484.97
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2696 v2 @ 2.50GHz	16681	56	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22526	11	9.02	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21331	20	6.44	\$3,309.99
Intel Xeon E5-2697 v2 @ 2.70GHz	17405	51	7.79	\$2,235.02
Intel Xeon E5-2697 v3 @ 2.60GHz	21488	19	8.07	\$2,661.90*
Intel Xeon E5-2697 v4 @ 2.30GHz	21729	16	7.75	\$2,805.00
Intel Xeon E5-2698 v3 @ 2.30GHz	21149	22	6.18	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21789	15	6.75	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22358	12	5.88	\$3,805.02*
Intel Xeon E5-2699 v4 @ 2.20GHz	23362	8	2.92	\$8,010.00*
Intel Xeon E5-4603 @ 2.00GHz	5014	654	2.65	\$1,890.99
Intel Xeon E5-4617 @ 2.90GHz	8855	301	98.51	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	346	2.31	\$3,519.97*
Intel Xeon E5-4627 v3 @ 2.60GHz	14219	99	5.92	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	77	NA	NA
Intel Xeon E5-4640 @ 2.40GHz	10523	178	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	130	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	161	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	12085	143	24.57	\$491.80*
Intel Xeon E5-4650L @ 2.60GHz	11821	147	1.36	\$8,684.50*
Intel Xeon E5-4660 v3 @ 2.10GHz	18007	43	3.75	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	114	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E7- 2830 @ 2.13GHz	3118	1063	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2169	1383	76.41	\$28.40*
Intel Xeon E3113 @ 3.00GHz	2427	1282	NA	NA
Intel Xeon E3120 @ 3.16GHz	2241	1360	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1731	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1284	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1350	8.71	\$259.95*
Intel Xeon E5320 @ 1.86GHz	2279	1342	14.43	\$157.95*
Intel Xeon E5335 @ 2.00GHz	2513	1257	8.13	\$309.00*
Intel Xeon E5345 @ 2.33GHz	2940	1118	61.97	\$47.45*
Intel Xeon E5405 @ 2.00GHz	2874	1142	82.16	\$34.99*
Intel Xeon E5410 @ 2.33GHz	3266	1015	90.75	\$36.00
Intel Xeon E5420 @ 2.50GHz	3533	950	17.49	\$202.01*
Intel Xeon E5430 @ 2.66GHz	3787	889	105.21	\$36.00*
Intel Xeon E5440 @ 2.83GHz	3985	844	16.12	\$247.26*
Intel Xeon E5450 @ 3.00GHz	4224	797	67.02	\$63.04
Intel Xeon E5462 @ 2.80GHz	3917	857	143.50	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4139	815	75.54	\$54.80*
Intel Xeon E5502 @ 1.87GHz	1375	1745	14.48	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1735	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2724	1190	98.34	\$27.70
Intel Xeon E5506 @ 2.13GHz	2987	1103	61.82	\$48.33*
Intel Xeon E5507 @ 2.27GHz	3144	1059	6.88	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4447	753	157.15	\$28.30*
Intel Xeon E5530 @ 2.40GHz	4605	724	18.51	\$248.85*
Intel Xeon E5540 @ 2.53GHz	4778	695	161.48	\$29.59
Intel Xeon E5603 @ 1.60GHz	2366	1305	18.34	\$129.04*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5606 @ 2.13GHz	3040	1089	46.08	\$65.99*
Intel Xeon E5607 @ 2.27GHz	3398	986	24.11	\$141.00*
Intel Xeon E5620 @ 2.40GHz	4860	678	97.20	\$50.00
Intel Xeon E5630 @ 2.53GHz	5109	635	49.99	\$102.21*
Intel Xeon E5640 @ 2.67GHz	5309	614	33.90	\$156.65*
Intel Xeon E5645 @ 2.40GHz	6528	477	60.46	\$107.98*
Intel Xeon E5649 @ 2.53GHz	6936	443	29.45	\$235.49*
Intel Xeon E7320 @ 2.13GHz	2413	1290	NA	NA
Intel Xeon Gold 6128 @ 3.40GHz	15189	83	8.95	\$1,697.00*
Intel Xeon Gold 6130 @ 2.10GHz	19118	34	9.70	\$1,969.99*
Intel Xeon Gold 6134 @ 3.20GHz	18083	42	7.70	\$2,348.26*
Intel Xeon Gold 6136 @ 3.00GHz	20412	23	NA	NA
Intel Xeon Gold 6144 @ 3.50GHz	19833	29	6.78	\$2,925.00*
Intel Xeon Gold 6154 @ 3.00GHz	27789	3	7.84	\$3,543.00*
Intel Xeon L3110 @ 3.00GHz	2273	1346	NA	NA
Intel Xeon L3360 @ 2.83GHz	3820	879	42.81	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1764	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	871	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1533	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1347	14.38	\$157.95*
Intel Xeon L5310 @ 1.60GHz	2274	1345	20.22	\$112.50*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5320 @ 1.86GHz	2135	1396	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1180	22.65	\$121.69*
Intel Xeon L5408 @ 2.13GHz	3014	1095	NA	NA
Intel Xeon L5410 @ 2.33GHz	3414	979	34.11	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3503	955	91.48	\$38.30*
Intel Xeon L5430 @ 2.66GHz	3784	891	23.96	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	908	29.73	\$125.00*
Intel Xeon L5520 @ 2.27GHz	4387	765	164.31	\$26.70
Intel Xeon L5530 @ 2.40GHz	4351	774	NA	NA
Intel Xeon L5630 @ 2.13GHz	4369	769	274.78	\$15.90*
Intel Xeon L5638 @ 2.00GHz	5556	577	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	7021	435	NA	NA
Intel Xeon L5640 @ 2.27GHz	6444	484	128.87	\$50.01*
Intel Xeon L7455 @ 2.13GHz	3836	873	NA	NA
Intel Xeon MV 3.20GHz	683	2134	NA	NA
Intel Xeon Platinum 8173M @ 2.00GHz	28860	1	NA	NA
Intel Xeon Silver 4110 @ 2.10GHz	11499	152	21.06	\$546.00
Intel Xeon Silver 4114 @ 2.20GHz	14569	93	19.53	\$746.00
Intel Xeon W3503 @ 2.40GHz	1760	1558	27.09	\$64.99*
Intel Xeon W3505 @ 2.53GHz	1854	1517	NA	NA
Intel Xeon W3520 @ 2.67GHz	5058	643	12.53	\$403.90*
Intel Xeon W3530 @ 2.80GHz	5366	606	89.52	\$59.95*
Intel Xeon W3540 @ 2.93GHz	5474	588	15.21	\$359.95*
Intel Xeon W3550 @ 3.07GHz	5709	559	24.29	\$235.00*
Intel Xeon W3565 @ 3.20GHz	5946	528	85.02	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6109	517	12.73	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6433	488	29.99	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8192	338	27.77	\$295.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W3680 @ 3.33GHz	9160	275	20.20	\$453.45*
Intel Xeon W3690 @ 3.47GHz	9295	265	4.11	\$2,260.61
Intel Xeon W5580 @ 3.20GHz	5836	545	71.18	\$82.00*
Intel Xeon W5590 @ 3.33GHz	6183	504	22.90	\$269.99*
Intel Xeon W-2123 @ 3.60GHz	10976	166	37.34	\$294.00*
Intel Xeon W-2125 @ 4.00GHz	12655	132	28.50	\$444.00*
Intel Xeon W-2133 @ 3.60GHz	14650	90	23.75	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16375	62	19.61	\$835.00*
Intel Xeon W-2145 @ 3.70GHz	19793	30	17.78	\$1,113.00*
Intel Xeon W-2150B @ 3.00GHz	21581	18	NA	NA
Intel Xeon W-2155 @ 3.30GHz	23147	10	16.07	\$1,440.00*
Intel Xeon W-2195 @ 2.30GHz	26470	5	10.37	\$2,553.00*
Intel Xeon X3210 @ 2.13GHz	2771	1171	18.60	\$149.00*
Intel Xeon X3220 @ 2.40GHz	3099	1069	53.45	\$57.99
Intel Xeon X3230 @ 2.66GHz	3434	973	9.54	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3335	999	14.53	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3160	1054	44.52	\$70.99*
Intel Xeon X3330 @ 2.66GHz	3376	990	16.08	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3898	863	64.98	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3881	866	58.27	\$66.61*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3360 @ 2.83GHz	3980	846	14.98	\$265.75*
Intel Xeon X3363 @ 2.83GHz	4038	830	25.57	\$157.95*
Intel Xeon X3370 @ 3.00GHz	4331	779	11.80	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4697	706	NA	NA
Intel Xeon X3430 @ 2.40GHz	3371	992	10.21	\$330.09*
Intel Xeon X3440 @ 2.53GHz	4559	735	20.26	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4873	676	37.49	\$130.00*
Intel Xeon X3460 @ 2.80GHz	5117	632	67.78	\$75.50*
Intel Xeon X3470 @ 2.93GHz	5187	624	10.17	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5739	558	NA	NA
Intel Xeon X5260 @ 3.33GHz	2451	1273	17.61	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2524	1250	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1295	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3255	1021	50.87	\$64.00*
Intel Xeon X5365 @ 3.00GHz	3491	959	28.16	\$123.99*
Intel Xeon X5450 @ 3.00GHz	4150	813	72.83	\$56.99
Intel Xeon X5460 @ 3.16GHz	4368	770	72.81	\$60.00*
Intel Xeon X5470 @ 3.33GHz	4650	713	15.83	\$293.87*
Intel Xeon X5472 @ 3.00GHz	4023	833	17.88	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4572	733	45.73	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4829	686	3.47	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5415	598	242.86	\$22.30*
Intel Xeon X5560 @ 2.80GHz	5399	600	77.74	\$69.45*
Intel Xeon X5570 @ 2.93GHz	5679	561	117.10	\$48.50
Intel Xeon X5647 @ 2.93GHz	5980	526	34.17	\$175.00*
Intel Xeon X5650 @ 2.67GHz	7455	400	106.51	\$70.00
Intel Xeon X5660 @ 2.80GHz	7662	385	67.35	\$113.77
Intel Xeon X5667 @ 3.07GHz	4722	700	34.98	\$135.00*
Intel Xeon X5670 @ 2.93GHz	7981	361	104.83	\$76.14
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5672 @ 3.20GHz	6438	485	55.93	\$115.12*
Intel Xeon X5675 @ 3.07GHz	8507	320	35.60	\$239.00
Intel Xeon X5677 @ 3.47GHz	6963	441	19.90	\$350.00*
Intel Xeon X5679 @ 3.20GHz	8652	314	NA	NA
Intel Xeon X5680 @ 3.33GHz	8673	312	55.87	\$155.24
Intel Xeon X5687 @ 3.60GHz	7123	428	65.95	\$108.00
Intel Xeon X5690 @ 3.47GHz	8975	290	43.58	\$205.95
Intel Xeon X5698 @ 4.40GHz	4272	787	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1104	NA	NA
Mobile AMD Athlon 4	314	2435	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2390	NA	NA
Mobile AMD Athlon 64 2700+	398	2342	NA	NA
Mobile AMD Athlon 64 2800+	440	2294	NA	NA
Mobile AMD Athlon 64 3000+	450	2284	NA	NA
Mobile AMD Athlon 64 3200+	448	2288	NA	NA
Mobile AMD Athlon 64 3400+	511	2223	NA	NA
Mobile AMD Athlon 64 3700+	435	2305	NA	NA
Mobile AMD Athlon 64 4000+	576	2184	NA	NA
Mobile AMD Athlon 1400+	266	2513	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon 2500+	370	2374	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2514	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2364	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2467	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2234	NA	NA
Mobile AMD Athlon XP	572	2189	48.53	\$11.79*
Mobile AMD Athlon XP-M	512	2221	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2594	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2518	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2521	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2423	NA	NA
Mobile AMD Athlon XP-M 1800+	312	2439	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2408	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2457	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2384	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2404	NA	NA
Mobile AMD Athlon XP-M 2500+	351	2399	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2373	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2382	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2381	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2295	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2243	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2227	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2474	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2466	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2414	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2371	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2260	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2228	NA	NA
Mobile AMD Sempron 2100+	252	2528	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Sempron 2600+	394	2349	NA	NA
Mobile AMD Sempron 2800+	358	2391	NA	NA
Mobile AMD Sempron 3000+	389	2357	NA	NA
Mobile AMD Sempron 3100+	416	2317	NA	NA
Mobile AMD Sempron 3200+	354	2395	NA	NA
Mobile AMD Sempron 3300+	444	2291	NA	NA
Mobile AMD Sempron 3400+	448	2286	NA	NA
Mobile AMD Sempron 3500+	408	2328	NA	NA
Mobile AMD Sempron 3600+	430	2309	NA	NA
Mobile AMD Sempron 3800+	485	2247	NA	NA
Mobile Intel Celeron 1.20GHz	170	2604	NA	NA
Mobile Intel Celeron 1.50GHz	188	2588	NA	NA
Mobile Intel Celeron 1.60GHz	188	2589	NA	NA
Mobile Intel Celeron 1.70GHz	181	2597	NA	NA
Mobile Intel Celeron 1.80GHz	186	2591	NA	NA
Mobile Intel Celeron 2.00GHz	204	2576	NA	NA
Mobile Intel Celeron 2.20GHz	226	2556	NA	NA
Mobile Intel Celeron 2.40GHz	239	2543	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Celeron 2.50GHz	281	2493	NA	NA
Mobile Intel Celeron 1200MHz	294	2468	NA	NA
Mobile Intel Celeron 1333MHz	309	2444	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2500	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2516	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2497	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2433	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2412	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2392	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2296	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2257	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2583	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2603	0.96	\$180.44
Mobile Intel Pentium 4 - M 1.80GHz	176	2600	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2551	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2579	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2581	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2567	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2523	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2436	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2569	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2580	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2532	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2472	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2557	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2473	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1262	NA	NA
Quad-Core AMD Opteron 1385	3442	972	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3308	1006	NA	NA
VIA C3 Ezra	100	2632	NA	NA
VIA C7 1500MHz	284	2487	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA C7-D 1500MHz	287	2480	NA	NA
VIA C7-D 1800MHz	203	2577	NA	NA
VIA C7-D 2000MHz	368	2377	NA	NA
VIA C7-M 1000MHz	164	2607	NA	NA
VIA C7-M 1200MHz	140	2619	NA	NA
VIA C7-M 1600MHz	178	2599	NA	NA
VIA C7-M 6300MHz	222	2559	NA	NA
VIA Eden 800MHz	155	2611	NA	NA
VIA Eden 1000MHz	123	2627	NA	NA
VIA Eden 1200MHz	142	2618	NA	NA
VIA Eden C1050@1.06GHz	352	2398	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2255	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	1878	NA	NA
VIA Esther 1000MHz	169	2605	NA	NA
VIA Esther 1300MHz	250	2531	NA	NA
VIA Esther 1500MHz	219	2561	NA	NA
VIA Esther 2000MHz	394	2348	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano L1900@1400MHz	457	2276	NA	NA
VIA Nano L2007@1600MHz	369	2375	NA	NA
VIA Nano L2100@1800MHz	428	2311	NA	NA
VIA Nano L2207@1600MHz	296	2465	NA	NA
VIA Nano L3025@1600MHz	517	2219	NA	NA
VIA Nano L3050@1800MHz	581	2182	NA	NA
VIA Nano L3600@2000MHz	645	2149	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2365	NA	NA
VIA Nano U2250@1300+MHz	274	2505	NA	NA
VIA Nano U2500@1200MHz	306	2448	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2230	NA	NA
VIA Nano U3300@1200MHz	409	2324	NA	NA
VIA Nano U3500@1000MHz	275	2503	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2169	NA	NA
VIA Nehemiah	155	2612	NA	NA
VIA QuadCore C4650@2.0GHz	1940	1475	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1752	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	1862	NA	NA
VIA Samuel 2	79	2634	NA	NA

* - Last price seen from our affiliates.



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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	245	24.17	\$317.40*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	97	13.80	\$1,279.92*
[Dual CPU] AMD Athlon 64 FX-72	3163	343	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	349	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	392	NA	NA
[Dual CPU] AMD EPYC 7281	12720	138	9.09	\$1,399.98
[Dual CPU] AMD EPYC 7401	23518	44	5.88	\$3,999.98
[Dual CPU] AMD EPYC 7451	28957	16	5.57	\$5,199.98
[Dual CPU] AMD EPYC 7501	23727	41	3.25	\$7,299.98
[Dual CPU] AMD EPYC 7551	30966	10	4.18	\$7,399.98
[Dual CPU] AMD Opteron 246	1130	381	11.30	\$99.98
[Dual CPU] AMD Opteron 248	1053	382	43.88	\$24.00
[Dual CPU] AMD Opteron 250	1438	378	65.36	\$22.00
[Dual CPU] AMD Opteron 252	1385	379	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	387	NA	NA
[Dual CPU] AMD Opteron 256	1853	375	48.76	\$38.00
[Dual CPU] AMD Opteron 270	2226	370	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	373	9.70	\$219.90
[Dual CPU] AMD Opteron 280	2452	365	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	358	NA	NA
[Dual CPU] AMD Opteron 290	2807	355	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	352	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2212	2203	371	91.79	\$24.00
[Dual CPU] AMD Opteron 2214 HE	2463	364	NA	NA
[Dual CPU] AMD Opteron 2216	2485	363	6.98	\$356.00
[Dual CPU] AMD Opteron 2216 HE	2593	361	NA	NA
[Dual CPU] AMD Opteron 2218	2719	359	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	362	NA	NA
[Dual CPU] AMD Opteron 2220	2850	353	0.97	\$2,950.32
[Dual CPU] AMD Opteron 2220 SE	2882	351	75.84	\$38.00
[Dual CPU] AMD Opteron 2222	2965	348	0.89	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	341	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	331	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3501	338	7.42	\$471.66*
[Dual CPU] AMD Opteron 2350	4090	332	7.57	\$539.98*
[Dual CPU] AMD Opteron 2354	4566	321	6.88	\$664.02*
[Dual CPU] AMD Opteron 2356	4487	323	150.07	\$29.90
[Dual CPU] AMD Opteron 2360 SE	5315	305	189.82	\$28.00
[Dual CPU] AMD Opteron 2374 HE	4799	318	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	306	174.60	\$30.00
[Dual CPU] AMD Opteron 2378	5559	300	15.53	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	292	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	289	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6441	274	NA	NA
[Dual CPU] AMD Opteron 2389	5677	293	142.00	\$39.98
[Dual CPU] AMD Opteron 2419	5191	308	216.47	\$23.98
[Dual CPU] AMD Opteron 2425 HE	6209	281	NA	NA
[Dual CPU] AMD Opteron 2427	5980	287	31.43	\$190.28*
[Dual CPU] AMD Opteron 2431	6438	275	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7154	257	29.71	\$240.80*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2439 SE	8071	231	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	333	7.84	\$519.90
[Dual CPU] AMD Opteron 4130	5651	295	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	277	9.33	\$679.90
[Dual CPU] AMD Opteron 4180	6001	285	7.32	\$819.90
[Dual CPU] AMD Opteron 4184	7848	237	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	230	8.64	\$936.14*
[Dual CPU] AMD Opteron 4228 HE	7986	232	NA	NA
[Dual CPU] AMD Opteron 4234	9361	201	15.57	\$601.40*
[Dual CPU] AMD Opteron 4276 HE	9681	194	NA	NA
[Dual CPU] AMD Opteron 4280	4525	322	4.96	\$912.88*
[Dual CPU] AMD Opteron 4284	7833	239	10.96	\$714.60*
[Dual CPU] AMD Opteron 4334	9468	199	21.87	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	173	NA	NA
[Dual CPU] AMD Opteron 4376 HE	10244	181	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	164	15.01	\$757.04*
[Dual CPU] AMD Opteron 6128	6881	264	14.64	\$470.00
[Dual CPU] AMD Opteron 6128 HE	5582	298	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	216	NA	NA
[Dual CPU] AMD Opteron 6136	7255	253	10.10	\$718.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6164 HE	5109	311	NA	NA
[Dual CPU] AMD Opteron 6168	7741	242	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7623	246	18.15	\$419.90
[Dual CPU] AMD Opteron 6174	8776	214	2.90	\$3,028.40
[Dual CPU] AMD Opteron 6176 SE	8448	219	15.30	\$552.00*
[Dual CPU] AMD Opteron 6180 SE	3114	344	NA	NA
[Dual CPU] AMD Opteron 6204	7134	258	NA	NA
[Dual CPU] AMD Opteron 6212	8955	207	21.37	\$419.00*
[Dual CPU] AMD Opteron 6220	10740	170	30.65	\$350.40*
[Dual CPU] AMD Opteron 6234	10262	180	12.83	\$799.98*
[Dual CPU] AMD Opteron 6238	10349	177	4.76	\$2,176.22*
[Dual CPU] AMD Opteron 6272	10026	186	15.42	\$650.00
[Dual CPU] AMD Opteron 6274	10682	171	5.88	\$1,817.90*
[Dual CPU] AMD Opteron 6275	9936	188	NA	NA
[Dual CPU] AMD Opteron 6276	10194	183	20.89	\$488.00
[Dual CPU] AMD Opteron 6284 SE	11985	151	NA	NA
[Dual CPU] AMD Opteron 6308	8351	222	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10914	168	23.42	\$466.00
[Dual CPU] AMD Opteron 6328	11709	157	11.57	\$1,011.98
[Dual CPU] AMD Opteron 6344	11178	165	14.37	\$778.00
[Dual CPU] AMD Opteron 6348	11412	163	9.21	\$1,239.36
[Dual CPU] AMD Opteron 6376	10405	175	5.16	\$2,018.00
[Dual CPU] AMD Opteron 6378	2905	350	3.64	\$798.00
[Dual CPU] AMD Opteron 6380	14200	127	42.52	\$333.98
[Dual CPU] AMD Opteron 6386 SE	10764	169	2.24	\$4,815.02*
[Dual CPU] AMD Opteron 8218	2831	354	117.96	\$24.00
[Dual CPU] AMD Opteron 8222 SE	2793	357	0.45	\$6,180.64
[Dual CPU] AMD Opteron 8354	3223	342	134.29	\$24.00
[Dual CPU] AMD Opteron 8380	5643	296	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	307	NA	NA
[Dual CPU] AMD Opteron 8389	6517	271	155.24	\$41.98
[Dual CPU] AMD Opteron 8431	5813	291	207.76	\$27.98
[Dual CPU] AMD Opteron 8435	7606	247	38.42	\$197.98
[Dual CPU] AMD Opteron 8439 SE	7691	244	NA	NA
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	380	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	368	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	337	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7955	233	2.20	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	401	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	399	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	395	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	397	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	402	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	403	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	400	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	479	398	26.32	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	393	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon 2.80GHz	686	389	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	784	388	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	391	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	856	386	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	892	385	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	925	384	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1862	374	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	998	383	0.59	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2148	372	6.71	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	367	0.69	\$3,367.96*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2617	360	34.08	\$76.80
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	345	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2987	347	32.67	\$91.42*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	346	37.50	\$79.98*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3452	339	107.94	\$31.98*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3849	335	131.82	\$29.20*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	9410	200	20.02	\$469.98
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	5988	286	7.68	\$779.38*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	279	14.14	\$445.68*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7508	250	11.20	\$670.08*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	205	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11786	154	17.31	\$681.00
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11725	155	12.22	\$959.80*
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	224	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	132	20.35	\$670.00
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	14265	126	30.88	\$461.98
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	144	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	130	9.50	\$1,444.44*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11866	152	49.65	\$239.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	108	50.65	\$328.00*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	90	4.13	\$4,500.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6311	278	7.61	\$828.92*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	270	8.56	\$761.64*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8374	220	18.44	\$454.00
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8542	218	18.57	\$459.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8229	227	37.40	\$220.00
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8822	211	9.11	\$968.02
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9920	189	17.10	\$580.00
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10992	167	12.66	\$868.00*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12507	142	60.13	\$208.00
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13453	137	14.80	\$909.20
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15332	118	10.79	\$1,421.08
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16655	106	11.83	\$1,407.38
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14155	128	17.48	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	11660	158	10.62	\$1,098.00*
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13616	135	53.27	\$255.62
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16123	111	4.74	\$3,405.00
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18612	89	13.69	\$1,359.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18865	88	12.53	\$1,505.98
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	166	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	133	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15176	119	10.09	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	16141	110	4.94	\$3,265.66
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16437	109	6.34	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16678	105	7.34	\$2,272.00*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14754	122	70.68	\$208.74
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14420	124	15.00	\$961.36
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20477	77	10.50	\$1,950.48*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20577	75	9.87	\$2,085.70
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13612	136	12.75	\$1,067.60
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21341	65	6.35	\$3,359.14
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21076	68	5.67	\$3,720.00
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21707	61	6.31	\$3,438.10*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	146	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	11808	153	3.99	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	19339	85	7.24	\$2,671.96
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15040	120	60.65	\$248.00
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19079	87	17.44	\$1,093.80
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20495	76	9.97	\$2,056.18
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20601	73	8.80	\$2,339.98*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	125	91.04	\$158.00
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	12577	141	24.28	\$517.98*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	70	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18096	94	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16648	107	75.48	\$220.56
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18295	91	17.34	\$1,055.00*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22733	53	7.51	\$3,027.00
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23117	49	7.76	\$2,979.94
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	48	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17622	98	62.27	\$283.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	31	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17001	102	45.30	\$375.30*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	23323	47	15.27	\$1,527.12
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23109	50	5.11	\$4,519.90*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23855	40	4.80	\$4,972.96*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18294	92	37.15	\$492.40
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	21677	62	39.14	\$553.80
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22383	56	6.74	\$3,322.66*
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23077	51	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	22959	52	16.40	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	15	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	81	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21980	59	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	14	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18256	93	38.04	\$479.90
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	22308	57	22.04	\$1,012.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24963	30	6.53	\$3,819.90
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	46	6.63	\$3,525.80*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	103	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21145	67	5.33	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24503	34	6.45	\$3,799.98*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	58	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26071	24	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	21057	69	10.91	\$1,929.96
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23727	42	3.23	\$7,353.02
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24243	36	4.83	\$5,019.90
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26710	22	6.04	\$4,423.90*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	20362	79	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26470	23	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	20150	80	26.87	\$750.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23875	39	3.95	\$6,045.66
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25709	25	5.45	\$4,719.98*
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27527	20	6.45	\$4,267.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20590	74	5.80	\$3,549.70*
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	32	4.97	\$4,999.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	26	5.15	\$4,969.94
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23914	38	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30414	12	6.09	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31716	8	4.79	\$6,619.98
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23574	43	5.27	\$4,470.04
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28259	18	5.31	\$5,323.80*
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30520	11	5.44	\$5,610.00
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28018	19	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29958	13	4.37	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32751	6	5.08	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	37	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	25176	29	3.31	\$7,610.04*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34330	4	2.14	\$16,020.00*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	71	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 E5-4627 v2 @ 3.30GHz	19491	83	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	113	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	86	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19588	82	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19401	84	19.72	\$983.60*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	54	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	21	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	148	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	115	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	55	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7-4870 @ 2.40GHz	17541	99	2.66	\$6,587.58*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	369	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	334	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3607	336	6.94	\$519.90*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4172	330	13.21	\$315.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	314	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4594	320	7.43	\$618.00*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5143	310	54.19	\$94.90*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5183	309	74.06	\$69.98*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6053	283	84.07	\$72.00
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6400	276	15.84	\$404.02*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6873	265	95.46	\$72.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7223	254	14.61	\$494.52*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7601	248	60.29	\$126.08
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7163	256	131.19	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7842	238	71.55	\$109.60*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2425	366	12.76	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	356	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4915	315	88.72	\$55.40
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5053	312	52.28	\$96.66*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5432	302	5.94	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7438	251	131.41	\$56.60*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7740	243	15.55	\$497.70*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7928	235	133.96	\$59.18
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4236	328	16.41	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5563	299	42.15	\$131.98*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	6003	284	21.29	\$282.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8131	229	81.31	\$100.00
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8368	221	40.94	\$204.42*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8838	210	28.21	\$313.30*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10414	174	48.22	\$215.96*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10373	176	22.02	\$470.98*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	301	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	304	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	21833	60	8.94	\$2,442.00*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	35	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	66	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	20418	78	8.02	\$2,546.00*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25469	28	8.16	\$3,122.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17056	101	6.95	\$2,454.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	23396	45	6.89	\$3,394.00*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	21392	63	5.43	\$3,939.98*
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	25513	27	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35659	2	6.51	\$5,473.98*
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	34052	5	6.42	\$5,302.46*
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28830	17	4.93	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	9	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35368	3	4.83	\$7,322.00*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	35948	1	5.07	\$7,086.00*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	324	14.15	\$315.90*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	327	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	316	20.10	\$243.38*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	297	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 L5410 @ 2.33GHz	6163	282	30.79	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6487	273	84.69	\$76.60*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6600	267	20.89	\$315.90*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	263	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	7001	262	131.10	\$53.40
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	234	NA	NA
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7025	260	220.91	\$31.80*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	208	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9618	195	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9864	191	98.62	\$100.02*
[Dual CPU] Intel Xeon MP 2.50GHz	550	394	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	396	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	636	390	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	376	NA	NA
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15039	121	17.61	\$854.00*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	17738	96	16.24	\$1,092.00
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	20652	72	13.84	\$1,492.00
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	184	61.65	\$164.00*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10343	178	19.15	\$539.98*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	179	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4778	319	17.16	\$278.48*
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	317	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5831	290	45.55	\$128.00*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6278	280	25.32	\$247.98*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7517	249	65.95	\$113.98
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7891	236	65.76	\$120.00*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8225	228	13.99	\$587.74*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7780	240	17.29	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8288	225	41.44	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8805	213	3.16	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	9054	203	203.00	\$44.60*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	202	65.40	\$138.90*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9590	196	98.87	\$97.00
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9896	190	28.27	\$350.00*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11450	162	81.79	\$140.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11714	156	51.48	\$227.54
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	212	32.66	\$270.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12373	143	81.25	\$152.28
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10053	185	43.66	\$230.24*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12711	139	26.59	\$478.00
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11532	160	16.47	\$700.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	134	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13649	131	43.96	\$310.48
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	12010	150	55.60	\$216.00
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	14030	129	34.06	\$411.90
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8974	206	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	268	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	215	41.21	\$211.60*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	187	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	159	36.35	\$319.98*
[Dual CPU] Quad-Core AMD Opteron 2352	4232	329	9.62	\$440.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	313	15.28	\$330.00*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	326	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	325	199.09	\$21.98
[Dual CPU] Quad-Core AMD Opteron 8378	5382	303	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	266	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	294	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	288	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	223	NA	NA
[Quad CPU] AMD Opteron 6136	9767	192	6.80	\$1,436.00*
[Quad CPU] AMD Opteron 6272	12292	145	9.46	\$1,300.00
[Quad CPU] AMD Opteron 6274	10488	172	2.88	\$3,635.80*
[Quad CPU] AMD Opteron 6276	15342	117	15.72	\$976.00
[Quad CPU] AMD Opteron 6278	12055	149	4.35	\$2,770.00*
[Quad CPU] AMD Opteron 6376	14681	123	3.64	\$4,036.00
[Quad CPU] AMD Opteron 8360 SE	6490	272	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6557	269	NA	NA
[Quad CPU] AMD Opteron 8382	8553	217	10.74	\$796.00
[Quad CPU] AMD Opteron 8425 HE	7359	252	NA	NA
[Quad CPU] AMD Opteron 8431	8252	226	147.46	\$55.96
[Quad CPU] AMD Opteron 8435	7099	259	17.93	\$395.96
[Quad CPU] AMD Opteron 8439 SE	8943	209	NA	NA
[Quad CPU] Intel Xeon 3.00GHz	1472	377	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	340	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	104	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24511	33	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	64	10.86	\$1,967.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	112	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	7	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	100	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	15773	114	1.03	\$15,352.00*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	17789	95	1.35	\$13,175.16*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	140	2.80	\$4,538.76*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	261	20.65	\$340.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	241	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	182	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9491	198	13.24	\$716.76*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	204	14.14	\$639.20*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	193	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	197	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12250	147	28.95	\$423.20*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	161	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	15414	116	24.09	\$639.96*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	255	163.10	\$43.96

* - Last price seen from our affiliates.

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