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CPU Benchmarks

Over 1,000,000 CPUs
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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.

How does your CPU compare?
Add your CPU to our benchmark chart
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Single CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2774	NA	NA
AMD A4 Micro-6400T APU	1544	1964	NA	NA
AMD A4 PRO-3340B	2402	1571	NA	NA
AMD A4 PRO-7300B APU	2353	1592	NA	NA
AMD A4 PRO-7350B	2227	1646	NA	NA
AMD A4-1200 APU	632	2454	NA	NA
AMD A4-1250 APU	619	2461	NA	NA
AMD A4-3300 APU	1503	1989	115.71	\$12.99
AMD A4-3300M APU	1188	2153	39.62	\$29.99*
AMD A4-3305M APU	1227	2132	39.84	\$30.81
AMD A4-3310MX APU	1286	2095	NA	NA
AMD A4-3320M APU	1253	2117	34.93	\$35.90
AMD A4-3330MX APU	1218	2135	NA	NA
AMD A4-3400 APU	1594	1948	25.08	\$63.57
AMD A4-3420 APU	1664	1909	NA	NA
AMD A4-4000 APU	1835	1820	14.31	\$128.27*
AMD A4-4020 APU	1909	1780	21.21	\$90.00
AMD A4-4300M APU	1612	1937	40.44	\$39.86
AMD A4-4355M APU	1177	2157	NA	NA
AMD A4-5000 APU	1916	1775	NA	NA
AMD A4-5050 APU	2113	1687	NA	NA
AMD A4-5100 APU	2056	1715	NA	NA
AMD A4-5150M APU	1864	1803	NA	NA
AMD A4-5300 APU	2015	1731	18.27	\$110.32
AMD A4-5300B APU	2149	1673	56.56	\$38.00*
AMD A4-6210 APU	2169	1664	NA	NA
AMD A4-6250J APU	2556	1513	NA	NA
AMD A4-6300 APU	2223	1649	37.07	\$59.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-6300B APU	2159	1671	21.59	\$100.00*
AMD A4-6320 APU	2329	1595	33.29	\$69.99*
AMD A4-7210 APU	2523	1525	NA	NA
AMD A4-7300 APU	2311	1605	18.94	\$122.00
AMD A4-9120	1957	1751	NA	NA
AMD A4-9120C	1539	1967	NA	NA
AMD A4-9125	1968	1749	NA	NA
AMD A6 Micro-6500T APU	1834	1821	NA	NA
AMD A6 PRO-7050B APU	1616	1935	NA	NA
AMD A6 PRO-7400B	2621	1488	NA	NA
AMD A6-1450 APU	1539	1968	NA	NA
AMD A6-3400M APU	1888	1794	63.02	\$29.97*
AMD A6-3410MX APU	2059	1713	516.08	\$3.99*
AMD A6-3420M APU	2004	1733	NA	NA
AMD A6-3430MX APU	2200	1656	NA	NA
AMD A6-3500 APU	2029	1723	50.76	\$39.99*
AMD A6-3600 APU	2707	1466	117.76	\$22.99*
AMD A6-3620 APU	2794	1435	46.58	\$59.99*
AMD A6-3650 APU	3148	1318	98.41	\$31.99*
AMD A6-3670 APU	3165	1306	5.19	\$610.00*
AMD A6-4400M APU	1640	1922	205.32	\$7.99*
AMD A6-4455M APU	1286	2094	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5200 APU	2433	1559	NA	NA
AMD A6-5345M APU	1476	2000	NA	NA
AMD A6-5350M APU	1906	1782	44.20	\$43.12
AMD A6-5357M APU	1953	1757	NA	NA
AMD A6-5400B APU	2242	1639	21.35	\$105.04*
AMD A6-5400K APU	2161	1670	34.85	\$62.02
AMD A6-6310 APU	2458	1551	NA	NA
AMD A6-6400B APU	2281	1617	NA	NA
AMD A6-6400K APU	2311	1604	11.06	\$208.99*
AMD A6-6420B APU	2612	1491	NA	NA
AMD A6-6420K APU	2388	1578	15.92	\$149.99*
AMD A6-7000	1667	1906	NA	NA
AMD A6-7310 APU	2670	1474	NA	NA
AMD A6-7400K APU	2790	1438	39.87	\$69.98
AMD A6-7470K	2727	1460	20.52	\$132.91
AMD A6-7480	3129	1321	71.14	\$43.99*
AMD A6-8500P	2202	1655	NA	NA
AMD A6-8550	3032	1352	NA	NA
AMD A6-9200	1747	1857	NA	NA
AMD A6-9210	1753	1853	NA	NA
AMD A6-9220	2168	1666	NA	NA
AMD A6-9220C	2071	1707	NA	NA
AMD A6-9220e	1621	1933	NA	NA
AMD A6-9225	2161	1669	NA	NA
AMD A6-9230	2102	1692	NA	NA
AMD A6-9500	3054	1346	60.18	\$50.76

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-9500E	2889	1409	39.67	\$72.84*
AMD A8 PRO-7150B APU	2650	1480	NA	NA
AMD A8 PRO-7600B APU	4758	941	NA	NA
AMD A8-3500M APU	1980	1741	28.32	\$69.95
AMD A8-3510MX APU	2414	1565	NA	NA
AMD A8-3520M APU	2171	1662	NA	NA
AMD A8-3530MX APU	2354	1590	NA	NA
AMD A8-3550MX APU	2610	1492	NA	NA
AMD A8-3800 APU	3011	1356	52.84	\$56.99*
AMD A8-3820 APU	3106	1329	24.85	\$124.99*
AMD A8-3850 APU	3458	1223	32.72	\$105.68*
AMD A8-3870K APU	3539	1200	23.65	\$149.67*
AMD A8-4500M APU	2666	1476	NA	NA
AMD A8-4555M APU	2125	1683	NA	NA
AMD A8-5500 APU	3997	1089	70.76	\$56.50*
AMD A8-5500B APU	4024	1085	NA	NA
AMD A8-5545M APU	2591	1499	NA	NA
AMD A8-5550M APU	3002	1361	NA	NA
AMD A8-5557M APU	2954	1377	NA	NA
AMD A8-5600K APU	4338	1026	18.92	\$229.30
AMD A8-6410 APU	2573	1507	NA	NA
AMD A8-6500 APU	4393	1014	46.26	\$94.99*
AMD A8-6500B APU	4612	969	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-6500T APU	3221	1288	NA	NA
AMD A8-6600K APU	4591	975	47.33	\$96.99*
AMD A8-7050	1824	1826	NA	NA
AMD A8-7100 APU	2808	1433	NA	NA
AMD A8-7200P	3319	1259	NA	NA
AMD A8-7410 APU	2745	1453	NA	NA
AMD A8-7600 APU	5064	878	17.71	\$285.99*
AMD A8-7650K	4928	907	42.49	\$115.99
AMD A8-7670K	5083	870	31.56	\$161.10*
AMD A8-7680	5270	844	87.86	\$59.99*
AMD A8-8600P	3248	1276	NA	NA
AMD A8-8650	5470	810	NA	NA
AMD A8-9600	4966	901	73.04	\$67.99
AMD A9-9400	2312	1603	NA	NA
AMD A9-9410	2546	1517	NA	NA
AMD A9-9420	2340	1594	NA	NA
AMD A9-9420e	1839	1818	NA	NA
AMD A9-9425	2504	1537	NA	NA
AMD A9-9430	2524	1524	NA	NA
AMD A10 Micro-6700T APU	1970	1745	NA	NA
AMD A10 PRO-7350B APU	3164	1307	NA	NA
AMD A10 PRO-7800B APU	4955	902	NA	NA
AMD A10 PRO-7850B APU	5380	827	NA	NA
AMD A10-4600M APU	3114	1328	NA	NA
AMD A10-4655M APU	2605	1494	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-4657M APU	2906	1399	NA	NA
AMD A10-5700 APU	4214	1053	65.35	\$64.50*
AMD A10-5745M APU	2763	1447	NA	NA
AMD A10-5750M APU	3341	1254	NA	NA
AMD A10-5757M APU	3084	1335	NA	NA
AMD A10-5800B APU	4614	968	NA	NA
AMD A10-5800K APU	4647	959	30.99	\$149.99*
AMD A10-6700 APU	4602	971	39.34	\$116.99*
AMD A10-6700T APU	3693	1167	25.02	\$147.61*
AMD A10-6790K APU	4714	947	49.64	\$94.99*
AMD A10-6800B APU	4822	928	NA	NA
AMD A10-6800K APU	4860	923	16.95	\$286.85*
AMD A10-7300 APU	2906	1400	NA	NA
AMD A10-7400P	3609	1182	NA	NA
AMD A10-7700K APU	5120	866	39.89	\$128.37
AMD A10-7800 APU	4973	897	48.10	\$103.39*
AMD A10-7850K APU	5468	811	44.71	\$122.31*
AMD A10-7860K	5070	875	28.97	\$175.00*
AMD A10-7870K	5475	808	24.12	\$226.99*
AMD A10-7890K	5711	778	28.56	\$199.99*
AMD A10-8700P	3446	1225	NA	NA
AMD A10-8750	5064	879	NA	NA
AMD A10-8850	5604	793	NA	NA
AMD A10-9600P	3763	1146	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9620P	3654	1175	NA	NA
AMD A10-9630P	4474	998	NA	NA
AMD A10-9700	5388	826	63.20	\$85.26
AMD A10-9700E	4747	945	52.18	\$90.99
AMD A12-9700P	3717	1159	NA	NA
AMD A12-9720P	3990	1090	NA	NA
AMD A12-9730P	4417	1011	NA	NA
AMD A12-9800	5575	796	37.61	\$148.24*
AMD A12-9800E	5083	871	38.69	\$131.38
AMD Athlon64 X2 Dual Core 4600+	1108	2198	NA	NA
AMD Athlon 4	279	2794	4.66	\$59.99
AMD Athlon 64 2000+	116	2928	NA	NA
AMD Athlon 64 2200+	575	2486	NA	NA
AMD Athlon 64 2600+	374	2669	NA	NA
AMD Athlon 64 2800+	438	2597	4.38	\$99.99*
AMD Athlon 64 3000+	464	2565	4.26	\$108.95
AMD Athlon 64 3200+	492	2535	3.29	\$149.95*
AMD Athlon 64 3300+	576	2485	NA	NA
AMD Athlon 64 3400+	545	2497	NA	NA
AMD Athlon 64 3500+	540	2503	4.97	\$108.95
AMD Athlon 64 3600+	601	2470	NA	NA
AMD Athlon 64 3700+	598	2472	8.67	\$69.00*
AMD Athlon 64 3800+	589	2475	3.28	\$179.95*
AMD Athlon 64 4000+	608	2465	3.32	\$183.27*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-25	794	2382	NA	NA
AMD Athlon 64 FX-34	380	2661	NA	NA
AMD Athlon 64 FX-51	437	2598	NA	NA
AMD Athlon 64 FX-53	646	2446	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2411	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2407	NA	NA
AMD Athlon 64 FX-59	715	2414	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2100	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1955	NA	NA
AMD Athlon 64 FX-72	1794	1836	NA	NA
AMD Athlon 64 FX-74	1495	1993	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2294	NA	NA
AMD Athlon 64 X2 4200+	1285	2096	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2267	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2288	16.05	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	999	2261	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1044	2233	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	2202	5.49	\$199.95
AMD Athlon 64 X2 Dual Core 4400+	1145	2181	19.10	\$60.00
AMD Athlon 64 X2 Dual Core 4600+	1218	2134	3.39	\$359.95
AMD Athlon 64 X2 Dual Core 4800+	1253	2118	2.73	\$459.95*
AMD Athlon 64 X2 Dual Core 5000+	1314	2076	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	2041	9.87	\$139.95
AMD Athlon 64 X2 Dual Core 5400+	1450	2012	27.37	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1484	1997	9.90	\$149.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core 5800+	1516	1980	60.68	\$24.99*
AMD Athlon 64 X2 Dual Core 6000+	1603	1941	34.89	\$45.95
AMD Athlon 64 X2 Dual Core 6400+	1787	1839	6.87	\$259.95
AMD Athlon 64 X2 Dual Core BE-230	1095	2206	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2216	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2232	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2358	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2359	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2282	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2338	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	819	2367	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2339	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	925	2316	NA	NA
AMD Athlon 64 X2 QL-60	924	2317	NA	NA
AMD Athlon 64 X2 QL-62	1003	2258	NA	NA
AMD Athlon 64 X2 QL-64	990	2272	NA	NA
AMD Athlon 64 X2 QL-65	1050	2231	NA	NA
AMD Athlon 64 X2 QL-66	947	2303	NA	NA
AMD Athlon 64 X2 QL-67	1006	2255	NA	NA
AMD Athlon 64 X2 TK-55	955	2295	NA	NA
AMD Athlon 64 X2 TK-57	988	2273	NA	NA
AMD Athlon 200GE	4924	908	75.95	\$64.84
AMD Athlon 220GE	5302	841	85.79	\$61.81

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 240GE	5411	819	73.34	\$73.79
AMD Athlon 300U	4827	927	NA	NA
AMD Athlon 1500+	294	2766	NA	NA
AMD Athlon 1640B	670	2437	13.42	\$50.00*
AMD Athlon 2000+	390	2657	NA	NA
AMD Athlon 2100+	412	2620	NA	NA
AMD Athlon 2200+	363	2686	4.55	\$79.99*
AMD Athlon 2400+	462	2569	NA	NA
AMD Athlon 2500+	374	2666	2.04	\$183.99*
AMD Athlon 2600+	444	2588	4.23	\$104.95*
AMD Athlon 2650e	409	2624	21.56	\$19.00*
AMD Athlon 2800+	447	2585	3.20	\$139.95*
AMD Athlon 2850e	506	2528	NA	NA
AMD Athlon 3100+	485	2546	NA	NA
AMD Athlon 3200+	458	2573	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	2089	10.78	\$119.95*
AMD Athlon 5150 APU	2105	1690	13.16	\$159.95
AMD Athlon 5200 Dual-Core	1266	2112	42.23	\$29.99*
AMD Athlon 5350 APU	2608	1493	17.50	\$149.00*
AMD Athlon 5370 APU	2912	1393	45.73	\$63.70*
AMD Athlon 7450 Dual-Core	1450	2011	NA	NA
AMD Athlon 7550 Dual-Core	1470	2002	24.52	\$60.00*
AMD Athlon 7750 Dual-Core	1570	1956	9.92	\$158.37
AMD Athlon 7850 Dual-Core	1713	1875	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2777	NA	NA
AMD Athlon Dual Core 4050e	1086	2211	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 4450B	1165	2169	37.59	\$31.00*
AMD Athlon Dual Core 4450e	1107	2200	NA	NA
AMD Athlon Dual Core 4850B	1391	2034	NA	NA
AMD Athlon Dual Core 4850e	1314	2075	33.71	\$39.00*
AMD Athlon Dual Core 5000B	1308	2078	13.77	\$95.00*
AMD Athlon Dual Core 5050e	1343	2062	22.39	\$60.00*
AMD Athlon Dual Core 5200B	1316	2074	NA	NA
AMD Athlon Dual Core 5400B	1420	2023	NA	NA
AMD Athlon Dual Core 5600B	1304	2082	NA	NA
AMD Athlon II 160u	560	2492	18.68	\$29.99*
AMD Athlon II 170u	626	2457	20.91	\$29.95*
AMD Athlon II Dual-Core M300	1111	2194	NA	NA
AMD Athlon II Dual-Core M320	1141	2183	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2228	NA	NA
AMD Athlon II N330 Dual-Core	1154	2175	NA	NA
AMD Athlon II N350 Dual-Core	1249	2124	NA	NA
AMD Athlon II N370 Dual-Core	1559	1960	NA	NA
AMD Athlon II Neo K125	473	2559	NA	NA
AMD Athlon II Neo K145	525	2511	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2386	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2350	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2381	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II P320 Dual-Core	1216	2136	40.62	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2122	27.83	\$44.95*
AMD Athlon II P360 Dual-Core	1318	2073	54.94	\$24.00*
AMD Athlon II X2 210e	1486	1996	NA	NA
AMD Athlon II X2 215	1566	1958	130.68	\$11.99*
AMD Athlon II X2 220	1633	1927	50.76	\$32.19
AMD Athlon II X2 225	1526	1973	NA	NA
AMD Athlon II X2 235e	1661	1914	9.13	\$181.88*
AMD Athlon II X2 240	1642	1919	102.70	\$15.99*
AMD Athlon II X2 240e	1700	1887	48.64	\$34.95*
AMD Athlon II X2 245	1661	1913	47.54	\$34.95*
AMD Athlon II X2 245e	1709	1879	21.37	\$80.00*
AMD Athlon II X2 250	1741	1859	44.71	\$38.95
AMD Athlon II X2 250e	1939	1762	25.28	\$76.73*
AMD Athlon II X2 250u	1004	2256	28.74	\$34.95*
AMD Athlon II X2 255	1841	1815	28.24	\$65.22*
AMD Athlon II X2 260	1875	1797	93.83	\$19.99*
AMD Athlon II X2 260u	1107	2199	13.28	\$83.44*
AMD Athlon II X2 265	1892	1788	22.84	\$82.88*
AMD Athlon II X2 270	1976	1743	82.38	\$23.99*
AMD Athlon II X2 270u	1285	2098	18.99	\$67.67*
AMD Athlon II X2 280	2129	1681	21.30	\$99.99*
AMD Athlon II X2 4300e	1483	1998	NA	NA
AMD Athlon II X2 4400e	1632	1929	NA	NA
AMD Athlon II X2 4450e	1504	1987	NA	NA
AMD Athlon II X2 B22	1714	1873	41.13	\$41.69*
AMD Athlon II X2 B24	1778	1842	44.52	\$39.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 B26	1906	1781	54.56	\$34.95
AMD Athlon II X2 B28	2085	1700	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1732	18.70	\$107.43*
AMD Athlon II X3 405e	2000	1734	25.00	\$79.99*
AMD Athlon II X3 415e	2247	1635	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1614	19.68	\$116.15*
AMD Athlon II X3 425	2314	1601	85.74	\$26.99*
AMD Athlon II X3 425e	2239	1642	NA	NA
AMD Athlon II X3 435	2470	1547	82.36	\$29.99*
AMD Athlon II X3 440	2566	1509	95.10	\$26.99*
AMD Athlon II X3 445	2574	1505	28.29	\$91.00*
AMD Athlon II X3 450	2621	1490	68.96	\$38.01
AMD Athlon II X3 455	2767	1444	70.97	\$38.99*
AMD Athlon II X3 460	2864	1414	73.46	\$38.99*
AMD Athlon II X4 553	3814	1132	NA	NA
AMD Athlon II X4 555	3830	1128	NA	NA
AMD Athlon II X4 559	4125	1069	NA	NA
AMD Athlon II X4 600e	2465	1549	18.93	\$130.23*
AMD Athlon II X4 605e	2734	1459	26.86	\$101.80*
AMD Athlon II X4 610e	2793	1436	39.92	\$69.99*
AMD Athlon II X4 615e	2899	1405	49.15	\$59.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 620	2929	1389	48.86	\$59.95
AMD Athlon II X4 620e	2906	1401	NA	NA
AMD Athlon II X4 630	3131	1320	49.74	\$62.95
AMD Athlon II X4 631 Quad-Core	3151	1316	39.39	\$80.00*
AMD Athlon II X4 635	3234	1282	46.24	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1295	120.73	\$26.49*
AMD Athlon II X4 640	3314	1261	41.46	\$79.95
AMD Athlon II X4 641 Quad-Core	3342	1252	36.53	\$91.50*
AMD Athlon II X4 645	3466	1221	43.36	\$79.95
AMD Athlon II X4 650	3482	1218	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3576	1191	20.09	\$178.04*
AMD Athlon II X4 655	2998	1363	NA	NA
AMD Athlon II X4 6400e	2594	1497	NA	NA
AMD Athlon L110	303	2747	NA	NA
AMD Athlon LE-1600	557	2493	26.57	\$21.00*
AMD Athlon LE-1620	578	2483	32.12	\$18.00*
AMD Athlon LE-1640	626	2456	NA	NA
AMD Athlon LE-1660	679	2434	NA	NA
AMD Athlon MP	230	2848	4.20	\$54.95*
AMD Athlon MP 1700+	339	2708	NA	NA
AMD Athlon MP 2400+	436	2599	NA	NA
AMD Athlon MP 2800+	497	2533	NA	NA
AMD Athlon Neo MV-40	410	2622	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2260	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2385	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2363	NA	NA
AMD Athlon PRO 200GE	5204	853	NA	NA
AMD Athlon QI-46	473	2558	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon TF-20	413	2618	NA	NA
AMD Athlon TF-36	395	2646	NA	NA
AMD Athlon X2 215	1543	1966	NA	NA
AMD Athlon X2 235e	1806	1833	NA	NA
AMD Athlon X2 240	1602	1942	NA	NA
AMD Athlon X2 240e	1670	1904	NA	NA
AMD Athlon X2 250	1696	1890	NA	NA
AMD Athlon X2 255	1627	1931	NA	NA
AMD Athlon X2 280	2303	1608	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1923	1771	38.49	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1634	NA	NA
AMD Athlon X2 440	1424	2021	NA	NA
AMD Athlon X2 Dual Core 3250e	778	2384	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2263	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2321	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2196	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2138	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2120	NA	NA
AMD Athlon X2 Dual Core L310	645	2447	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2253	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X3 425	2191	1659	NA	NA
AMD Athlon X3 435	2574	1506	26.96	\$95.49*
AMD Athlon X3 440	2078	1704	23.62	\$87.99*
AMD Athlon X3 445	2314	1600	NA	NA
AMD Athlon X3 455	2401	1572	NA	NA
AMD Athlon X4 605e	2505	1536	NA	NA
AMD Athlon X4 620	2861	1415	47.74	\$59.95
AMD Athlon X4 635	2891	1408	23.71	\$121.99*
AMD Athlon X4 640	3172	1302	NA	NA
AMD Athlon X4 740 Quad Core	4028	1084	14.54	\$277.00*
AMD Athlon X4 750 Quad Core	4551	980	NA	NA
AMD Athlon X4 750K Quad Core	4270	1042	55.47	\$76.99*
AMD Athlon X4 760K Quad Core	4595	973	109.47	\$41.98*
AMD Athlon X4 830	4701	949	NA	NA
AMD Athlon X4 840	5071	874	64.41	\$78.74*
AMD Athlon X4 845	5411	820	101.85	\$53.13*
AMD Athlon X4 860K	5412	818	40.11	\$134.95*
AMD Athlon X4 870K	5320	840	66.52	\$79.99*
AMD Athlon X4 880K	5592	794	55.93	\$99.99*
AMD Athlon X4 950	5248	848	72.27	\$72.62
AMD Athlon XP1600+	281	2790	NA	NA
AMD Athlon XP1900+	353	2695	NA	NA
AMD Athlon XP2100+	287	2779	NA	NA
AMD Athlon XP2200+	401	2638	NA	NA
AMD Athlon XP2400+	374	2668	NA	NA
AMD Athlon XP 1500	282	2789	NA	NA
AMD Athlon XP 1500+	257	2819	NA	NA
AMD Athlon XP 1600+	267	2809	NA	NA
AMD Athlon XP 1700	344	2705	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 1700+	271	2805	4.43	\$61.25*
AMD Athlon XP 1800+	300	2754	5.10	\$58.95*
AMD Athlon XP 1900+	312	2738	NA	NA
AMD Athlon XP 2000+	299	2755	12.00	\$24.99*
AMD Athlon XP 2100+	323	2721	NA	NA
AMD Athlon XP 2200+	328	2720	3.87	\$84.95*
AMD Athlon XP 2300+	464	2566	NA	NA
AMD Athlon XP 2400+	360	2688	4.01	\$89.99*
AMD Athlon XP 2500+	355	2692	NA	NA
AMD Athlon XP 2600+	372	2672	16.18	\$23.03*
AMD Athlon XP 2700+	393	2649	4.64	\$84.79*
AMD Athlon XP 2800+	400	2640	NA	NA
AMD Athlon XP 2900+	424	2612	NA	NA
AMD Athlon XP 3000+	402	2636	5.06	\$79.70*
AMD Athlon XP 3100+	433	2603	NA	NA
AMD Athlon XP 3200+	432	2604	NA	NA
AMD Athlon XP 3400+	570	2489	NA	NA
AMD Athlon XP Pro3+	367	2679	NA	NA
AMD Athlon XP-M	541	2502	15.48	\$34.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD C-30	310	2740	NA	NA
AMD C-50	462	2568	NA	NA
AMD C-60	466	2562	NA	NA
AMD C-60 APU	544	2498	NA	NA
AMD C-70 APU	557	2494	NA	NA
AMD E1 Micro-6200T APU	960	2291	NA	NA
AMD E1-1200 APU	655	2444	NA	NA
AMD E1-1500 APU	688	2429	NA	NA
AMD E1-2100 APU	641	2452	NA	NA
AMD E1-2200 APU	767	2388	NA	NA
AMD E1-2500 APU	890	2336	NA	NA
AMD E1-6010 APU	869	2342	NA	NA
AMD E1-6015 APU	900	2331	NA	NA
AMD E1-7010 APU	1012	2251	NA	NA
AMD E2-1800 APU	815	2368	NA	NA
AMD E2-2000 APU	825	2364	NA	NA
AMD E2-3000 APU	1140	2184	NA	NA
AMD E2-3000M APU	1097	2204	54.85	\$20.00*
AMD E2-3200 APU	1380	2042	172.79	\$7.99*
AMD E2-3800 APU	1641	1920	NA	NA
AMD E2-6110 APU	1912	1779	NA	NA
AMD E2-7110 APU	2288	1611	NA	NA
AMD E2-9000	1654	1916	NA	NA
AMD E2-9000e	1344	2061	NA	NA
AMD E2-9010	1705	1882	NA	NA
AMD E2-9030	1515	1982	NA	NA
AMD E-240	319	2727	NA	NA
AMD E-300 APU	610	2464	NA	NA
AMD E-350	745	2402	NA	NA
AMD E-350 APU	757	2395	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E-350D APU	726	2409	NA	NA
AMD E-450 APU	765	2389	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1847	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1697	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2508	1533	NA	NA
AMD Embedded R-Series RX-216GD	2409	1568	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	876	NA	NA
AMD Embedded R-Series RX-421BD	4635	963	NA	NA
AMD EPYC 3201	9634	387	NA	NA
AMD EPYC 7251 8-Core	11811	258	26.01	\$454.18
AMD EPYC 7301	14978	165	22.19	\$674.91
AMD EPYC 7351	18081	98	14.36	\$1,259.56
AMD EPYC 7351P	14887	167	25.03	\$594.70
AMD EPYC 7371	22071	44	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD EPYC 7401P	20221	67	22.21	\$910.58
AMD EPYC 7501	18942	87	9.19	\$2,060.86
AMD EPYC 7502P	23465	34	10.20	\$2,300.00*
AMD EPYC 7551	18483	90	7.73	\$2,390.63
AMD EPYC 7551P	18406	93	6.38	\$2,884.00
AMD EPYC 7571	20858	60	NA	NA
AMD EPYC 7742	47365	1	6.82	\$6,950.00*
AMD FirePro A320 APU	4540	986	NA	NA
AMD FX-670K Quad-Core	4550	982	NA	NA
AMD FX-770K Quad-Core	4812	931	NA	NA
AMD FX-870K Quad Core	5021	889	NA	NA
AMD FX-4100 Quad-Core	4073	1078	26.55	\$153.45*
AMD FX-4130 Quad-Core	4164	1060	54.80	\$75.99*
AMD FX-4150 Quad-Core	4594	974	NA	NA
AMD FX-4170 Quad-Core	4868	917	48.69	\$99.99*
AMD FX-4200 Quad-Core	4260	1045	18.67	\$228.21*
AMD FX-4300 Quad-Core	4694	951	42.70	\$109.95
AMD FX-4320	4993	894	NA	NA
AMD FX-4330	5321	839	NA	NA
AMD FX-4350 Quad-Core	5340	834	12.42	\$430.00
AMD FX-6100 Six-Core	5405	823	20.95	\$258.00
AMD FX-6120 Six-Core	5745	777	NA	NA
AMD FX-6130 Six-Core	6215	722	NA	NA
AMD FX-6200 Six-Core	6110	734	17.97	\$339.95
AMD FX-6300 Six-Core	6406	706	32.03	\$199.99
AMD FX-6330 Six-Core	6954	650	NA	NA
AMD FX-6350 Six-Core	7017	641	41.53	\$168.99
AMD FX-7500 APU	3205	1291	NA	NA
AMD FX-7600P	4050	1080	NA	NA
AMD FX-7600P APU	4627	965	NA	NA
AMD FX-8100 Eight-Core	5964	748	42.00	\$142.00*
AMD FX-8120 Eight-Core	6643	684	29.83	\$222.73*
AMD FX-8140 Eight-Core	6133	731	NA	NA
AMD FX-8150 Eight-Core	7659	585	76.63	\$99.95
AMD FX-8300 Eight-Core	7764	574	58.38	\$132.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8310 Eight-Core	7731	578	NA	NA
AMD FX-8320 Eight-Core	8036	540	62.78	\$128.01
AMD FX-8320E Eight-Core	7574	593	149.57	\$50.64
AMD FX-8350 Eight-Core	8955	456	45.28	\$197.77
AMD FX-8370 Eight-Core	9045	445	40.62	\$222.70
AMD FX-8370E Eight-Core	7860	559	24.56	\$320.09
AMD FX-8800P	4145	1065	NA	NA
AMD FX-9370 Eight-Core	9463	402	15.56	\$608.00
AMD FX-9590 Eight-Core	10191	333	50.97	\$199.95
AMD FX-9800P	3963	1101	NA	NA
AMD FX-9830P	4777	939	NA	NA
AMD FX-B4150 Quad-Core	4611	970	NA	NA
AMD G-T40E	467	2561	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T40N	516	2520	NA	NA
AMD G-T40R	203	2875	NA	NA
AMD G-T44R	229	2849	NA	NA
AMD G-T48E	667	2439	NA	NA
AMD G-T52R	308	2742	NA	NA
AMD G-T56E	751	2397	NA	NA
AMD G-T56N	795	2379	NA	NA
AMD Geode NX	264	2812	NA	NA
AMD Geode NX 1750	291	2768	NA	NA
AMD GX-210JA SOC	401	2639	NA	NA
AMD GX-212JC SOC	744	2403	NA	NA
AMD GX-217GA SOC	1107	2201	NA	NA
AMD GX-218GL SOC	1207	2142	NA	NA
AMD GX-222GC SOC	1255	2116	NA	NA
AMD GX-412HC	1497	1992	NA	NA
AMD GX-415GA SOC	1944	1761	NA	NA
AMD GX-420CA SOC	2412	1567	NA	NA
AMD GX-424CC SOC	2491	1541	NA	NA
AMD K7	403	2633	NA	NA
AMD Opteron 140	396	2644	0.62	\$640.00
AMD Opteron 142	428	2608	NA	NA
AMD Opteron 144	486	2543	7.48	\$65.00*
AMD Opteron 146	532	2506	8.87	\$59.99*
AMD Opteron 148	603	2469	NA	NA
AMD Opteron 150	604	2467	NA	NA
AMD Opteron 152	658	2441	NA	NA
AMD Opteron 154	703	2422	NA	NA
AMD Opteron 165	899	2333	1.63	\$550.00
AMD Opteron 170	1097	2203	NA	NA
AMD Opteron 175	1167	2168	NA	NA
AMD Opteron 180	1236	2127	9.51	\$129.95*
AMD Opteron 185	1342	2063	NA	NA
AMD Opteron 246	632	2455	31.62	\$19.99*
AMD Opteron 248	476	2555	4.77	\$99.95
AMD Opteron 250	649	2445	59.01	\$11.00*
AMD Opteron 252	760	2393	12.00	\$63.36*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 254	693	2427	NA	NA
AMD Opteron 256	963	2286	50.72	\$19.00*
AMD Opteron 265	963	2287	13.20	\$73.00
AMD Opteron 270	1170	2164	1.93	\$607.47*
AMD Opteron 275	1291	2090	19.87	\$64.99
AMD Opteron 280	1176	2158	1.48	\$796.67*
AMD Opteron 285	1470	2003	18.39	\$79.95
AMD Opteron 290	1464	2005	10.85	\$135.00*
AMD Opteron 1210	923	2318	NA	NA
AMD Opteron 1210 HE	971	2281	NA	NA
AMD Opteron 1212	1009	2254	3.48	\$290.00*
AMD Opteron 1212 HE	1308	2079	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1214	1191	2150	4.11	\$290.00*
AMD Opteron 1214 HE	1299	2084	NA	NA
AMD Opteron 1216	1311	2077	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2163	NA	NA
AMD Opteron 1218	1468	2004	NA	NA
AMD Opteron 1218 HE	1444	2013	NA	NA
AMD Opteron 1220	1653	1918	NA	NA
AMD Opteron 1222	1757	1849	NA	NA
AMD Opteron 1352	2316	1599	17.04	\$135.99*
AMD Opteron 1354	2630	1487	19.49	\$135.00*
AMD Opteron 1356	2765	1446	30.73	\$89.99*
AMD Opteron 1381	3065	1343	NA	NA
AMD Opteron 2212	1270	2110	63.53	\$20.00*
AMD Opteron 2214	1358	2056	46.85	\$29.00*
AMD Opteron 2214 HE	1415	2026	NA	NA
AMD Opteron 2216	1518	1979	58.84	\$25.80
AMD Opteron 2218	1594	1949	19.94	\$79.95
AMD Opteron 2220	1701	1885	21.29	\$79.95
AMD Opteron 2220 SE	1398	2030	55.92	\$25.00*
AMD Opteron 2222	1843	1813	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1773	NA	NA
AMD Opteron 2350	2820	1426	35.28	\$79.95
AMD Opteron 2354	2450	1555	7.38	\$332.03*
AMD Opteron 2356	2814	1429	54.12	\$52.00*
AMD Opteron 2373 EE	2789	1440	NA	NA
AMD Opteron 2374 HE	2951	1378	15.53	\$189.99*
AMD Opteron 2376	2283	1615	13.69	\$166.81*
AMD Opteron 2378	3179	1300	17.76	\$179.00*
AMD Opteron 2380	2640	1484	58.69	\$45.00
AMD Opteron 2384	3538	1202	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1203	NA	NA
AMD Opteron 2393 SE	2246	1636	NA	NA
AMD Opteron 2427	3069	1341	38.39	\$79.95
AMD Opteron 2431	4516	989	112.91	\$40.00*
AMD Opteron 2435	4708	948	24.91	\$189.00*
AMD Opteron 3250 HE	2942	1382	29.73	\$99.00*
AMD Opteron 3260 HE	3259	1272	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 3280	5403	824	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1473	NA	NA
AMD Opteron 3350 HE	4105	1071	NA	NA
AMD Opteron 3365	6088	741	NA	NA
AMD Opteron 3380	6384	708	7.89	\$809.00*
AMD Opteron 4122	2942	1383	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1305	NA	NA
AMD Opteron 4170 HE	3664	1172	62.11	\$59.00*
AMD Opteron 4184	4418	1010	8.50	\$519.95*
AMD Opteron 4280	6430	703	128.60	\$50.00
AMD Opteron 4284	6660	682	111.03	\$59.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4332 HE	5614	790	NA	NA
AMD Opteron 4334	6099	736	28.18	\$216.42*
AMD Opteron 4365 EE	5025	888	NA	NA
AMD Opteron 4386	6761	668	48.30	\$139.99*
AMD Opteron 6128	4505	992	237.24	\$18.99
AMD Opteron 6134	2938	1384	66.81	\$43.99*
AMD Opteron 6136	4631	964	42.10	\$110.00*
AMD Opteron 6164 HE	5351	832	NA	NA
AMD Opteron 6172	5261	845	26.57	\$198.00*
AMD Opteron 6174	6171	726	77.19	\$79.95
AMD Opteron 6176 SE	5465	813	34.37	\$159.00*
AMD Opteron 6212	5776	771	192.62	\$29.99*
AMD Opteron 6220	6785	664	113.11	\$59.99*
AMD Opteron 6234	5938	751	198.27	\$29.95*
AMD Opteron 6238	7673	584	21.32	\$359.89*
AMD Opteron 6272	6748	672	96.42	\$69.99
AMD Opteron 6274	4865	920	108.15	\$44.99
AMD Opteron 6276	8889	466	52.60	\$169.00
AMD Opteron 6282 SE	9116	433	14.24	\$640.00
AMD Opteron 6287 SE	9789	373	NA	NA
AMD Opteron 6328	7813	566	13.13	\$595.00
AMD Opteron 6366 HE	7503	597	250.19	\$29.99*
AMD Opteron 6376	9212	425	141.72	\$65.00
AMD Opteron 6378	9094	436	47.87	\$190.00
AMD Opteron 6380	10081	342	170.88	\$59.00
AMD Opteron 6386 SE	10912	290	75.26	\$144.99
AMD Opteron 8354	2255	1633	93.98	\$24.00
AMD Opteron 8439 SE	3813	1133	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1344	NA	NA
AMD Opteron X3216 APU	2366	1587	NA	NA
AMD Opteron X3418 APU	4659	956	NA	NA
AMD Opteron X3421 APU	4866	918	NA	NA
AMD Phenom 2 X4 12000	3005	1360	NA	NA
AMD Phenom 7950 Quad-Core	2991	1365	NA	NA
AMD Phenom 8250 Triple-Core	1668	1905	NA	NA
AMD Phenom 8250e Triple-Core	1635	1925	34.81	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1928	NA	NA
AMD Phenom 8450 Triple-Core	1889	1792	63.09	\$29.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8450e Triple-Core	2026	1725	NA	NA
AMD Phenom 8600 Triple-Core	1673	1902	31.57	\$52.99*
AMD Phenom 8600B Triple-Core	1924	1769	36.33	\$52.99*
AMD Phenom 8650 Triple-Core	1986	1739	39.73	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1714	NA	NA
AMD Phenom 8750B Triple-Core	2034	1720	NA	NA
AMD Phenom 8850 Triple-Core	1968	1748	NA	NA
AMD Phenom 8850B Triple-Core	2080	1703	NA	NA
AMD Phenom 9100e Quad-Core	1833	1823	45.89	\$39.95*
AMD Phenom 9150e Quad-Core	2113	1686	52.91	\$39.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9350e Quad-Core	2320	1598	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1495	24.76	\$105.00*
AMD Phenom 9500 Quad-Core	2203	1654	75.99	\$28.99*
AMD Phenom 9550 Quad-Core	2544	1520	87.76	\$28.99*
AMD Phenom 9600 Quad-Core	2303	1607	46.11	\$49.95*
AMD Phenom 9600B Quad-Core	2573	1508	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2635	1485	58.63	\$44.95*
AMD Phenom 9750 Quad-Core	2810	1431	95.32	\$29.49*
AMD Phenom 9750B Quad-Core	2709	1465	NA	NA
AMD Phenom 9850 Quad-Core	2887	1410	24.07	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1311	NA	NA
AMD Phenom 9950 Quad-Core	3009	1357	22.29	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1528	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1380	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1179	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1215	NA	NA
AMD Phenom II N620 Dual-Core	1684	1895	422.27	\$3.99*
AMD Phenom II N640 Dual-Core	1721	1867	26.51	\$64.95*
AMD Phenom II N660 Dual-Core	1844	1812	18.63	\$99.00*
AMD Phenom II N830 3+1	2652	1479	NA	NA
AMD Phenom II N830 Triple-Core	1890	1791	NA	NA
AMD Phenom II N850 Triple-Core	1937	1763	77.51	\$25.00*
AMD Phenom II N870 Triple-Core	1999	1735	NA	NA
AMD Phenom II N930 Quad-Core	2274	1621	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1545	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2515	1530	16.77	\$149.99*
AMD Phenom II P650 Dual-Core	1579	1953	45.12	\$35.00*
AMD Phenom II P820 Triple-Core	1602	1943	NA	NA
AMD Phenom II P840 Triple-Core	1709	1877	NA	NA
AMD Phenom II P860 Triple-Core	1756	1851	NA	NA
AMD Phenom II P920 Quad-Core	1866	1801	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1831	1824	NA	NA
AMD Phenom II P960 Quad-Core	2085	1698	74.48	\$28.00*
AMD Phenom II X2 511	2104	1691	NA	NA
AMD Phenom II X2 521	2071	1706	NA	NA
AMD Phenom II X2 545	1918	1774	43.62	\$43.98*
AMD Phenom II X2 550	2022	1726	40.46	\$49.99*
AMD Phenom II X2 555	2041	1717	72.98	\$27.98*
AMD Phenom II X2 560	2061	1710	31.71	\$64.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X2 565	2225	1648	74.21	\$29.99*
AMD Phenom II X2 570	2068	1709	NA	NA
AMD Phenom II X2 B53	1709	1878	NA	NA
AMD Phenom II X2 B55	1921	1772	40.02	\$48.00*
AMD Phenom II X2 B57	1823	1827	NA	NA
AMD Phenom II X2 B59	2118	1684	48.11	\$44.04*
AMD Phenom II X3 700e	2242	1640	NA	NA
AMD Phenom II X3 705e	2227	1645	14.63	\$152.34*
AMD Phenom II X3 710	2447	1556	28.96	\$84.53*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 715	2649	1482	31.17	\$84.99*
AMD Phenom II X3 720	2669	1475	38.14	\$69.99*
AMD Phenom II X3 740	2985	1367	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1458	36.47	\$75.00*
AMD Phenom II X3 B75	2896	1407	72.43	\$39.99*
AMD Phenom II X3 B77	3067	1342	137.64	\$22.29*
AMD Phenom II X4 805	2998	1362	17.23	\$173.99*
AMD Phenom II X4 810	3121	1325	26.91	\$115.99*
AMD Phenom II X4 820	3396	1237	45.31	\$74.95*
AMD Phenom II X4 830	3434	1228	43.47	\$79.00
AMD Phenom II X4 840	3508	1211	39.00	\$89.95*
AMD Phenom II X4 840T	3597	1185	51.41	\$69.99*
AMD Phenom II X4 850	3549	1195	54.62	\$64.99*
AMD Phenom II X4 900e	2882	1412	NA	NA
AMD Phenom II X4 905e	3080	1338	57.06	\$53.99*
AMD Phenom II X4 910	3247	1278	32.48	\$100.00*
AMD Phenom II X4 910e	3254	1274	20.73	\$156.99*
AMD Phenom II X4 920	3389	1239	42.37	\$79.99*
AMD Phenom II X4 925	3416	1231	77.66	\$43.99*
AMD Phenom II X4 940	3591	1187	60.52	\$59.34*
AMD Phenom II X4 945	3653	1176	53.64	\$68.11*
AMD Phenom II X4 955	3919	1113	30.11	\$130.16*
AMD Phenom II X4 960T	3777	1140	8.05	\$469.00
AMD Phenom II X4 965	4179	1058	24.73	\$169.01*
AMD Phenom II X4 970	4317	1034	29.15	\$148.11*
AMD Phenom II X4 973	3759	1147	NA	NA
AMD Phenom II X4 975	4453	1001	31.88	\$139.69*
AMD Phenom II X4 977	3750	1151	NA	NA
AMD Phenom II X4 980	4490	995	19.52	\$229.99*
AMD Phenom II X4 8700e	2377	1581	NA	NA
AMD Phenom II X4 B05e	2792	1437	NA	NA
AMD Phenom II X4 B15e	2736	1456	NA	NA
AMD Phenom II X4 B25	3297	1265	NA	NA
AMD Phenom II X4 B35	3383	1243	NA	NA
AMD Phenom II X4 B40	3352	1248	NA	NA
AMD Phenom II X4 B45	3467	1220	NA	NA
AMD Phenom II X4 B50	3697	1165	NA	NA
AMD Phenom II X4 B55	3853	1121	NA	NA
AMD Phenom II X4 B60	4034	1083	NA	NA
AMD Phenom II X4 B65	4172	1059	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 B70	4261	1044	NA	NA
AMD Phenom II X4 B93	3345	1250	NA	NA
AMD Phenom II X4 B95	3677	1169	50.41	\$72.95*
AMD Phenom II X4 B97	3868	1117	67.87	\$56.99*
AMD Phenom II X4 B99	4130	1068	NA	NA
AMD Phenom II X6 1035T	4665	953	24.68	\$189.00*
AMD Phenom II X6 1045T	4801	935	44.45	\$108.01*
AMD Phenom II X6 1055T	4968	900	61.92	\$80.24*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1065T	5034	886	NA	NA
AMD Phenom II X6 1075T	5330	837	47.18	\$112.99*
AMD Phenom II X6 1090T	5565	800	36.13	\$154.04*
AMD Phenom II X6 1100T	5709	779	32.17	\$177.49*
AMD Phenom II X6 1405T	5042	884	NA	NA
AMD Phenom II X620 Dual-Core	2189	1660	NA	NA
AMD Phenom II X640 Dual-Core	2021	1727	NA	NA
AMD Phenom II X920 Quad-Core	2650	1481	NA	NA
AMD Phenom II X940 Quad-Core	2695	1467	NA	NA
AMD Phenom Ultra X4 24500	3945	1105	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1888	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1653	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1856	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2156	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	2015	NA	NA
AMD Phenom X3 8550	1929	1767	11.35	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1848	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1736	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1643	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1406	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1464	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1469	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2139	NA	NA
AMD PRO A4-3350B APU	2274	1622	NA	NA
AMD PRO A4-8350B	2776	1442	NA	NA
AMD PRO A6-7350B	2759	1449	NA	NA
AMD PRO A6-8500B	2516	1529	NA	NA
AMD PRO A6-8530B	2388	1577	NA	NA
AMD PRO A6-8550B	2970	1374	NA	NA
AMD PRO A6-8570	3049	1350	NA	NA
AMD PRO A6-8570E	2824	1425	NA	NA
AMD PRO A6-9500	2950	1379	39.88	\$74.00*
AMD PRO A6-9500B	2076	1705	NA	NA
AMD PRO A6-9500E	2717	1462	36.73	\$74.00*
AMD PRO A8-8600B	3512	1210	NA	NA
AMD PRO A8-8650B	5250	847	NA	NA
AMD PRO A8-8670E	5015	890	NA	NA
AMD PRO A8-9600	5277	842	44.35	\$119.00*
AMD PRO A8-9600B	3964	1098	NA	NA
AMD PRO A10-8700B	3562	1194	NA	NA
AMD PRO A10-8730B	3971	1095	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A10-8750B	5473	809	NA	NA
AMD PRO A10-8770	5707	780	NA	NA
AMD PRO A10-8770E	5035	885	NA	NA
AMD PRO A10-8850B	5852	760	NA	NA
AMD PRO A10-9700	5677	782	33.59	\$169.00*
AMD PRO A10-9700B	4380	1016	NA	NA
AMD PRO A10-9700E	5066	877	36.45	\$139.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A12-8800B	4111	1070	NA	NA
AMD PRO A12-8830B	4315	1035	NA	NA
AMD PRO A12-8870	6067	743	NA	NA
AMD PRO A12-8870E	5186	859	NA	NA
AMD PRO A12-9800	6132	732	36.29	\$169.00*
AMD PRO A12-9800B	4089	1075	NA	NA
AMD PRO A12-9800E	4769	940	28.22	\$169.00*
AMD QC-4000	1663	1912	NA	NA
AMD R-260H APU	1576	1954	NA	NA
AMD R-460L APU	1954	1754	NA	NA
AMD R-464L APU	3117	1327	NA	NA
AMD RX-427BB	4351	1022	NA	NA
AMD Ryzen 3 1200	6784	665	113.46	\$59.80
AMD Ryzen 3 1300X	7568	594	58.25	\$129.93
AMD Ryzen 3 2200G	7324	616	91.59	\$79.97
AMD Ryzen 3 2200GE	6976	645	NA	NA
AMD Ryzen 3 2200U	4587	976	NA	NA
AMD Ryzen 3 2300U	6091	739	NA	NA
AMD Ryzen 3 2300X	8397	509	NA	NA
AMD Ryzen 3 3200G	7794	568	82.05	\$94.99
AMD Ryzen 3 3200U	4784	936	NA	NA
AMD Ryzen 3 3300U	5917	753	NA	NA
AMD Ryzen 3 PRO 1200	7075	637	NA	NA
AMD Ryzen 3 PRO 1300	8022	543	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	867	NA	NA
AMD Ryzen 3 PRO 2200G	8045	537	NA	NA
AMD Ryzen 3 PRO 2200GE	7613	590	NA	NA
AMD Ryzen 3 PRO 2300U	7092	635	NA	NA
AMD Ryzen 3 PRO 3200GE	8147	527	NA	NA
AMD Ryzen 3 PRO 3300U	6888	659	NA	NA
AMD Ryzen 5 1400	8367	510	57.89	\$144.54
AMD Ryzen 5 1500X	10116	340	72.36	\$139.82
AMD Ryzen 5 1600	12279	244	112.23	\$109.41
AMD Ryzen 5 1600X	13193	218	89.76	\$146.99
AMD Ryzen 5 2400G	9323	414	78.68	\$118.50
AMD Ryzen 5 2400GE	8795	471	NA	NA
AMD Ryzen 5 2500U	7358	613	NA	NA
AMD Ryzen 5 2500X	9881	363	NA	NA
AMD Ryzen 5 2600	13526	209	104.87	\$128.98
AMD Ryzen 5 2600H	8366	511	NA	NA
AMD Ryzen 5 2600X	14369	182	96.44	\$149.00
AMD Ryzen 5 3400G	10001	349	71.44	\$139.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 3500U	7970	552	NA	NA
AMD Ryzen 5 3550H	8497	500	NA	NA
AMD Ryzen 5 3600	19952	70	102.38	\$194.89
AMD Ryzen 5 3600X	20467	63	85.64	\$239.00
AMD Ryzen 5 PRO 1500	10133	338	NA	NA
AMD Ryzen 5 PRO 1600	12213	249	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 2400G	9961	356	NA	NA
AMD Ryzen 5 PRO 2400GE	8512	497	NA	NA
AMD Ryzen 5 PRO 2500U	8213	520	NA	NA
AMD Ryzen 5 PRO 2600	14221	187	NA	NA
AMD Ryzen 5 PRO 3500U	8437	507	NA	NA
AMD Ryzen 5 PRO 3600	21037	59	NA	NA
AMD Ryzen 7 1700	13925	192	60.60	\$229.79
AMD Ryzen 7 1700X	14811	169	90.34	\$163.95
AMD Ryzen 7 1800X	15534	152	57.54	\$269.99
AMD Ryzen 7 2700	15085	162	82.90	\$181.97
AMD Ryzen 7 2700E	13410	216	NA	NA
AMD Ryzen 7 2700U	7404	609	NA	NA
AMD Ryzen 7 2700X	16979	114	85.76	\$197.99
AMD Ryzen 7 2800H	8498	499	NA	NA
AMD Ryzen 7 3700U	8046	536	NA	NA
AMD Ryzen 7 3700X	23900	32	72.65	\$329.00
AMD Ryzen 7 3750H	9042	446	NA	NA
AMD Ryzen 7 3800X	24561	26	61.56	\$399.00
AMD Ryzen 7 PRO 1700	14112	188	NA	NA
AMD Ryzen 7 PRO 1700X	15324	157	NA	NA
AMD Ryzen 7 PRO 2700	15406	156	NA	NA
AMD Ryzen 7 PRO 2700U	8801	469	NA	NA
AMD Ryzen 7 PRO 2700X	17161	111	NA	NA
AMD Ryzen 7 PRO 3700U	8526	496	NA	NA
AMD Ryzen 9 3900X	31906	3	43.12	\$739.99
AMD Ryzen Embedded R1505G	4889	914	NA	NA
AMD Ryzen Embedded V1202B	4368	1018	NA	NA
AMD Ryzen Embedded V1605B	6969	646	NA	NA
AMD Ryzen Embedded V1807B	8604	491	NA	NA
AMD Ryzen Threadripper 1900X	16125	138	76.79	\$209.99
AMD Ryzen Threadripper 1920X	19986	69	95.18	\$209.99
AMD Ryzen Threadripper 1950X	21947	45	44.79	\$489.99
AMD Ryzen Threadripper 2920X	22214	43	57.87	\$383.88
AMD Ryzen Threadripper 2950X	25452	18	38.28	\$664.99
AMD Ryzen Threadripper 2970WX	21620	49	23.73	\$910.99
AMD Ryzen Threadripper 2990WX	23158	37	13.84	\$1,673.14
AMD Ryzen Threadripper 2990X	19227	85	NA	NA
AMD Sempron 130	700	2423	28.03	\$24.99*
AMD Sempron 140	738	2405	18.64	\$39.59*
AMD Sempron 145	808	2376	8.52	\$94.92
AMD Sempron 150	747	2399	16.64	\$44.95*
AMD Sempron 200U	267	2808	3.08	\$87.00*
AMD Sempron 210U	391	2655	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 240	2110	1689	36.39	\$58.00
AMD Sempron 2100+	392	2653	NA	NA
AMD Sempron 2200+	282	2788	9.42	\$29.99*
AMD Sempron 2300+	318	2729	7.07	\$45.00*
AMD Sempron 2400+	314	2736	12.10	\$26.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2500+	335	2711	6.11	\$54.95*
AMD Sempron 2600+	374	2667	10.71	\$34.95
AMD Sempron 2650 APU	947	2302	17.66	\$53.68
AMD Sempron 2800+	383	2659	6.40	\$59.95
AMD Sempron 3000+	408	2626	20.41	\$20.00
AMD Sempron 3100+	452	2579	7.53	\$60.00*
AMD Sempron 3200+	406	2627	3.10	\$131.22*
AMD Sempron 3300+	484	2548	8.07	\$60.00
AMD Sempron 3400+	454	2577	15.21	\$29.89
AMD Sempron 3500+	379	2662	18.98	\$20.00*
AMD Sempron 3600+	483	2550	40.30	\$12.00*
AMD Sempron 3800+	554	2495	3.62	\$152.92*
AMD Sempron 3850 APU	1715	1872	23.54	\$72.90
AMD Sempron Dual Core 2100	936	2310	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2266	NA	NA
AMD Sempron Dual Core 2300	982	2274	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2299	NA	NA
AMD Sempron Dual Core 4900	1081	2217	NA	NA
AMD Sempron LE-250	490	2537	NA	NA
AMD Sempron LE-1100	438	2596	NA	NA
AMD Sempron LE-1150	444	2587	NA	NA
AMD Sempron LE-1200	527	2509	NA	NA
AMD Sempron LE-1250	543	2500	5.44	\$99.95*
AMD Sempron LE-1300	598	2471	28.51	\$21.00
AMD Sempron LE-1600	535	2505	NA	NA
AMD Sempron LE-1620	635	2453	NA	NA
AMD Sempron LE-1640	759	2394	NA	NA
AMD Sempron M100	566	2491	47.17	\$12.00*
AMD Sempron M120	582	2480	NA	NA
AMD Sempron SI-40	443	2589	36.93	\$12.00*
AMD Sempron SI-42	456	2576	15.22	\$30.01*
AMD Sempron X2 180	1391	2033	20.05	\$69.40*
AMD Sempron X2 190	1534	1971	18.39	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	2027	NA	NA
AMD Turion 64 Mobile MK-36	465	2563	NA	NA
AMD Turion 64 Mobile MK-38	513	2521	NA	NA
AMD Turion 64 Mobile ML-28	390	2656	NA	NA
AMD Turion 64 Mobile ML-30	402	2637	NA	NA
AMD Turion 64 Mobile ML-32	402	2635	NA	NA
AMD Turion 64 Mobile ML-34	425	2611	NA	NA
AMD Turion 64 Mobile ML-37	442	2590	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2515	NA	NA
AMD Turion 64 Mobile ML-42	615	2462	NA	NA
AMD Turion 64 Mobile ML-44	591	2473	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 Mobile MT-28	419	2613	NA	NA
AMD Turion 64 Mobile MT-30	378	2663	NA	NA
AMD Turion 64 Mobile MT-32	426	2610	NA	NA
AMD Turion 64 Mobile MT-34	429	2606	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 Mobile MT-37	484	2547	NA	NA
AMD Turion 64 Mobile MT-40	536	2504	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2401	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2390	NA	NA
AMD Turion 64 X2 Mobile TL-56	891	2335	63.89	\$13.95*
AMD Turion 64 X2 Mobile TL-58	947	2304	NA	NA
AMD Turion 64 X2 Mobile TL-60	996	2265	62.48	\$15.95*
AMD Turion 64 X2 Mobile TL-62	1087	2209	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1090	2208	27.69	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2182	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2170	12.92	\$90.00*
AMD Turion Dual-Core RM-70	912	2326	36.49	\$25.00*
AMD Turion Dual-Core RM-72	860	2345	21.52	\$39.99*
AMD Turion Dual-Core RM-74	1016	2249	NA	NA
AMD Turion Dual-Core RM-75	1003	2259	36.53	\$27.46*
AMD Turion II Dual-Core Mobile M500	1293	2088	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2081	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	2066	NA	NA
AMD Turion II N530 Dual-Core	1583	1952	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1974	NA	NA
AMD Turion II Neo K625 Dual-Core	977	2276	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2154	NA	NA
AMD Turion II Neo N40L Dual-Core	928	2314	NA	NA
AMD Turion II Neo N54L Dual-Core	1364	2049	NA	NA
AMD Turion II P520 Dual-Core	1360	2053	NA	NA
AMD Turion II P540 Dual-Core	1430	2020	28.65	\$49.95*
AMD Turion II P560 Dual-Core	1515	1981	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	2028	52.55	\$26.76*
AMD Turion II Ultra Dual-Core Mobile M620	1435	2016	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1670	1903	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1972	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2372	NA	NA
AMD Turion X2 Dual Core L510	923	2319	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2347	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2226	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	991	2270	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2213	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2225	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1120	2187	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2177	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1023	2243	16.51	\$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2215	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2141	63.72	\$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2128	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1295	2087	23.56	\$55.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1216	2137	30.44	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2264	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2240	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	2008	NA	NA
AMD V105	299	2756	NA	NA
AMD V120	623	2460	NA	NA
AMD V140	643	2450	12.89	\$49.95*
AMD V160	677	2435	NA	NA
AMD Z-01	523	2514	NA	NA
AMD Z-60 APU	500	2532	NA	NA
AMD-K6 3D	90	2932	NA	NA
AMD-K6-III	108	2929	NA	NA
AMD-K7	403	2634	NA	NA
Athlon 64 Dual Core 3800+	1234	2129	NA	NA
Athlon 64 Dual Core 4200+	1156	2174	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	2046	NA	NA
Athlon 64 Dual Core 5000+	1507	1986	NA	NA
Athlon 64 Dual Core 5400+	1614	1936	NA	NA
Athlon 64 Dual Core 5600+	1548	1963	NA	NA
Athlon Dual Core 4050e	968	2283	NA	NA
Athlon Dual Core 4450e	1204	2144	NA	NA
Athlon Dual Core 4850e	1346	2059	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1419	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1086	2212	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1172	2162	27.91	\$42.00
Celeron Dual-Core T3300 @ 2.00GHz	1201	2147	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	2106	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2143	NA	NA
HP Hexa-Core 2.0GHz	2178	1661	4.32	\$504.27*
Intel 2.80GHz	525	2512	NA	NA
Intel 1300 @ 1.66GHz	857	2349	NA	NA
Intel 1400 @ 1.83GHz	980	2275	NA	NA
Intel 1500 @ 2.00GHz	1024	2241	NA	NA
Intel Atom 230 @ 1.60GHz	307	2743	NA	NA
Intel Atom 330 @ 1.60GHz	587	2477	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2334	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2290	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1699	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1629	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1665	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3768	1142	16.24	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1251	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1309	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1553	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1521	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	924	14.62	\$332.00*
Intel Atom C3958 @ 2.00GHz	6586	689	14.67	\$449.00*
Intel Atom D410 @ 1.66GHz	301	2752	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2704	0.35	\$992.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D510 @ 1.66GHz	658	2443	6.78	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2418	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D2500 @ 1.86GHz	403	2632	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2433	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2415	NA	NA
Intel Atom D2700 @ 2.13GHz	839	2357	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2412	NA	NA
Intel Atom E660 @ 1.30GHz	271	2804	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2701	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2717	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2482	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2538	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2353	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2171	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	1988	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1800	NA	NA
Intel Atom E3950 @ 1.60GHz	1876	1796	NA	NA
Intel Atom K510 @ 1.66GHz	658	2442	NA	NA
Intel Atom N270 @ 1.60GHz	270	2807	NA	NA
Intel Atom N280 @ 1.66GHz	282	2786	NA	NA
Intel Atom N435 @ 1.33GHz	261	2815	NA	NA
Intel Atom N450 @ 1.66GHz	296	2761	NA	NA
Intel Atom N455 @ 1.66GHz	283	2784	NA	NA
Intel Atom N470 @ 1.83GHz	318	2728	NA	NA
Intel Atom N475 @ 1.83GHz	314	2734	NA	NA
Intel Atom N550 @ 1.50GHz	524	2513	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	573	2487	6.66	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2748	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2510	NA	NA
Intel Atom N2800 @ 1.86GHz	625	2458	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2322	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1718	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2373	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1601	1944	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1191	2151	8.96	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1015	2250	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1273	2107	60.65	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1696	1889	27.11	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1833	1822	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1892	1789	25.71	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1894	1786	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2883	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2859	NA	NA
Intel Atom Z520 @ 1.33GHz	217	2860	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2792	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2698	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2660	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2839	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2490	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3735D @ 1.33GHz	937	2308	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3735E @ 1.33GHz	948	2301	8.10	\$117.00*
Intel Atom Z3735F @ 1.33GHz	914	2323	5.04	\$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2330	NA	NA
Intel Atom Z3736F @ 1.33GHz	913	2324	NA	NA
Intel Atom Z3740 @ 1.33GHz	1068	2222	NA	NA
Intel Atom Z3740D @ 1.33GHz	1011	2252	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2220	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1018	2248	NA	NA
Intel Atom Z3770 @ 1.46GHz	1252	2119	8.38	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2377	NA	NA
Intel Atom Z3775 @ 1.46GHz	1277	2105	36.49	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2102	NA	NA
Intel Atom Z3795 @ 1.60GHz	1804	1834	NA	NA
Intel Celeron 1.70GHz	130	2922	NA	NA
Intel Celeron 1.80GHz	136	2919	NA	NA
Intel Celeron 2.00GHz	182	2895	NA	NA
Intel Celeron 2.10GHz	244	2837	NA	NA
Intel Celeron 2.13GHz	208	2870	NA	NA
Intel Celeron 2.20GHz	213	2865	NA	NA
Intel Celeron 2.26GHz	223	2854	NA	NA
Intel Celeron 2.30GHz	227	2851	NA	NA
Intel Celeron 2.40GHz	217	2861	NA	NA
Intel Celeron 2.50GHz	247	2831	NA	NA
Intel Celeron 2.53GHz	245	2835	NA	NA
Intel Celeron 2.60GHz	238	2841	NA	NA
Intel Celeron 2.66GHz	249	2829	NA	NA
Intel Celeron 2.70GHz	245	2836	NA	NA
Intel Celeron 2.80GHz	254	2821	NA	NA
Intel Celeron 2.93GHz	283	2783	NA	NA
Intel Celeron 3.06GHz	284	2780	NA	NA
Intel Celeron 3.20GHz	288	2773	NA	NA
Intel Celeron 3.33GHz	333	2715	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2723	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2725	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2581	11.27	\$39.99*
Intel Celeron 430 @ 1.80GHz	487	2541	10.32	\$47.18
Intel Celeron 440 @ 2.00GHz	548	2496	24.56	\$22.33
Intel Celeron 450 @ 2.20GHz	625	2459	20.86	\$29.99*
Intel Celeron 530 @ 1.73GHz	474	2557	20.62	\$22.99*
Intel Celeron 540 @ 1.86GHz	521	2516	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2518	7.96	\$64.95
Intel Celeron 560 @ 2.13GHz	531	2507	6.65	\$79.95
Intel Celeron 570 @ 2.26GHz	517	2517	NA	NA
Intel Celeron 600MHz	147	2915	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2630	NA	NA
Intel Celeron 743 @ 1.30GHz	418	2614	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2398	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2676	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 827E @ 1.40GHz	613	2463	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2311	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1021	2245	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2180	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2161	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1290	2091	NA	NA
Intel Celeron 887 @ 1.50GHz	1280	2101	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2436	23.32	\$28.99
Intel Celeron 925 @ 2.30GHz	691	2428	NA	NA
Intel Celeron 1000M @ 1.80GHz	1675	1900	NA	NA
Intel Celeron 1000MHz	213	2864	NA	NA
Intel Celeron 1005M @ 1.90GHz	1810	1830	NA	NA
Intel Celeron 1007U @ 1.50GHz	1389	2035	7.51	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1513	1984	NA	NA
Intel Celeron 1019Y @ 1.00GHz	946	2305	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1644	NA	NA
Intel Celeron 1037U @ 1.80GHz	1737	1862	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2152	NA	NA
Intel Celeron 1066MHz	259	2817	NA	NA
Intel Celeron 1100MHz	174	2901	NA	NA
Intel Celeron 1133MHz	282	2785	NA	NA
Intel Celeron 1200MHz	244	2838	NA	NA
Intel Celeron 1300MHz	288	2775	NA	NA
Intel Celeron 1333MHz	290	2769	NA	NA
Intel Celeron 1400MHz	302	2749	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1588	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1939	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1984	1740	NA	NA
Intel Celeron 2955U @ 1.40GHz	1417	2024	NA	NA
Intel Celeron 2957U @ 1.40GHz	1434	2018	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2195	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1602	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1950	NA	NA
Intel Celeron 2981U @ 1.60GHz	1364	2050	NA	NA
Intel Celeron 3205U @ 1.50GHz	1499	1990	5.22	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1641	1921	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1884	NA	NA
Intel Celeron 3765U @ 1.90GHz	1948	1759	NA	NA
Intel Celeron 3855U @ 1.60GHz	1686	1894	NA	NA
Intel Celeron 3865U @ 1.80GHz	1913	1777	NA	NA
Intel Celeron 3867U @ 1.80GHz	1843	1814	17.23	\$107.00*
Intel Celeron 3955U @ 2.00GHz	1924	1770	NA	NA
Intel Celeron 3965U @ 2.20GHz	2358	1589	22.04	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1607	1938	15.03	\$107.00*
Intel Celeron 4205U @ 1.80GHz	1953	1756	18.25	\$107.00*
Intel Celeron @ 1.30GHz	965	2285	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2889	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2370	NA	NA
Intel Celeron B800 @ 1.50GHz	1278	2104	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 B810 @ 1.60GHz	1395	2032	NA	NA
Intel Celeron B815 @ 1.60GHz	1365	2048	NA	NA
Intel Celeron B820 @ 1.70GHz	1432	2019	36.46	\$39.29*
Intel Celeron B830 @ 1.80GHz	1512	1985	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1869	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2806	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2750	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2731	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2710	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2631	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2551	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2478	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2348	7.80	\$109.95*
Intel Celeron E1400 @ 2.00GHz	1052	2229	15.04	\$69.99
Intel Celeron E1500 @ 2.20GHz	1169	2165	59.51	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2115	NA	NA
Intel Celeron E3200 @ 2.40GHz	1382	2039	26.59	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1388	2036	24.36	\$57.00
Intel Celeron E3400 @ 2.60GHz	1440	2014	2.36	\$610.00*
Intel Celeron E3500 @ 2.70GHz	1454	2007	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	694	2425	13.90	\$49.99*
Intel Celeron G460 @ 1.80GHz	1035	2237	15.93	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2223	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2085	NA	NA
Intel Celeron G530 @ 2.40GHz	2130	1680	53.27	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1870	NA	NA
Intel Celeron G540 @ 2.50GHz	2196	1658	48.82	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1685	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1610	28.63	\$80.00
Intel Celeron G550T @ 2.20GHz	2032	1722	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1563	22.23	\$109.00
Intel Celeron G1101 @ 2.27GHz	1667	1907	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2489	1542	52.96	\$47.00
Intel Celeron G1610T @ 2.30GHz	2256	1631	56.35	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2577	1504	39.66	\$64.99
Intel Celeron G1620T @ 2.40GHz	2353	1593	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1540	35.63	\$69.99
Intel Celeron G1820 @ 2.70GHz	2754	1451	45.92	\$59.99
Intel Celeron G1820T @ 2.40GHz	2500	1539	59.54	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1678	NA	NA
Intel Celeron G1830 @ 2.80GHz	2559	1511	26.95	\$94.95
Intel Celeron G1840 @ 2.80GHz	2860	1416	31.78	\$90.00
Intel Celeron G1840T @ 2.50GHz	2554	1515	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1395	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3137	1319	58.49	\$53.64
Intel Celeron G3900E @ 2.40GHz	2679	1472	NA	NA
Intel Celeron G3900T @ 2.60GHz	2925	1391	26.01	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1498	61.71	\$42.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3920 @ 2.90GHz	3123	1324	27.40	\$113.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3930 @ 2.90GHz	3036	1351	59.34	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1445	42.22	\$65.52*
Intel Celeron G3930TE @ 2.70GHz	2970	1375	70.72	\$42.00*
Intel Celeron G3950 @ 3.00GHz	3049	1349	42.82	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3285	1267	73.53	\$44.69
Intel Celeron G4900T @ 2.90GHz	3096	1332	NA	NA
Intel Celeron G4920 @ 3.20GHz	3192	1298	41.74	\$76.50*
Intel Celeron J1750 @ 2.41GHz	1037	2236	NA	NA
Intel Celeron J1800 @ 2.41GHz	1020	2246	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1934	NA	NA
Intel Celeron J1900 @ 1.99GHz	1852	1808	NA	NA
Intel Celeron J3060 @ 1.60GHz	976	2278	NA	NA
Intel Celeron J3160 @ 1.60GHz	1793	1837	NA	NA
Intel Celeron J3355 @ 2.00GHz	1168	2166	NA	NA
Intel Celeron J3455 @ 1.50GHz	2112	1688	5.28	\$399.99
Intel Celeron J4005 @ 2.00GHz	1544	1965	10.99	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2647	1483	24.74	\$107.00*
Intel Celeron M 1.00GHz	207	2871	16.60	\$12.49*
Intel Celeron M 1.30GHz	316	2730	NA	NA
Intel Celeron M 1.50GHz	343	2706	NA	NA
Intel Celeron M 1.60GHz	364	2685	NA	NA
Intel Celeron M 1.70GHz	393	2651	NA	NA
Intel Celeron M 360 1.40GHz	328	2719	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2732	NA	NA
Intel Celeron M 420 @ 1.60GHz	334	2714	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2678	NA	NA
Intel Celeron M 440 @ 1.86GHz	392	2652	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2823	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2582	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2605	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2567	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2501	NA	NA
Intel Celeron M 600MHz	151	2913	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2575	NA	NA
Intel Celeron M 900MHz	204	2873	NA	NA
Intel Celeron M 1200MHz	275	2801	NA	NA
Intel Celeron M 1300MHz	303	2746	NA	NA
Intel Celeron M 1500MHz	333	2716	NA	NA
Intel Celeron M ULV 800MHz	184	2893	NA	NA
Intel Celeron N2805 @ 1.46GHz	460	2572	NA	NA
Intel Celeron N2806 @ 1.60GHz	802	2378	NA	NA
Intel Celeron N2807 @ 1.58GHz	861	2344	NA	NA
Intel Celeron N2808 @ 1.58GHz	907	2329	NA	NA
Intel Celeron N2810 @ 2.00GHz	787	2383	5.62	\$139.99*
Intel Celeron N2815 @ 1.86GHz	859	2346	NA	NA
Intel Celeron N2820 @ 2.13GHz	936	2309	4.46	\$209.99
Intel Celeron N2830 @ 2.16GHz	966	2284	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2840 @ 2.16GHz	1004	2257	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2145	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2920 @ 1.86GHz	1514	1983	NA	NA
Intel Celeron N2930 @ 1.83GHz	1658	1915	NA	NA
Intel Celeron N2940 @ 1.83GHz	1722	1866	NA	NA
Intel Celeron N3000 @ 1.04GHz	899	2332	NA	NA
Intel Celeron N3010 @ 1.04GHz	973	2279	NA	NA
Intel Celeron N3050 @ 1.60GHz	878	2337	5.82	\$151.00
Intel Celeron N3060 @ 1.60GHz	990	2271	NA	NA
Intel Celeron N3150 @ 1.60GHz	1664	1908	NA	NA
Intel Celeron N3160 @ 1.60GHz	1664	1911	5.38	\$309.19
Intel Celeron N3350 @ 1.10GHz	1112	2193	NA	NA
Intel Celeron N3450 @ 1.10GHz	1851	1809	11.72	\$157.93
Intel Celeron N4000 @ 1.10GHz	1435	2017	13.41	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2260	1630	21.13	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1116	2189	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2268	NA	NA
Intel Celeron P4600 @ 2.00GHz	1328	2070	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2387	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2298	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2227	35.29	\$29.99*
Intel Celeron U1900 @ 1.99GHz	1704	1883	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2410	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2430	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2375	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2230	6.57	\$159.95*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2173	23.15	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1270	2109	17.84	\$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1384	2038	8.77	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	1999	54.88	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1108	2197	85.33	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2155	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1289	2093	43.04	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1360	2054	27.21	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	2010	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1991	100.22	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1554	1962	103.72	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1891	56.46	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1714	1874	166.47	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1946	1760	38.93	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1628	1930	33.24	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1726	1864	43.30	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1769	1843	61.05	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1874	1799	125.03	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1965	1750	16.38	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1490	1994	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1761	1846	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1882	1795	37.66	\$49.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8235 @ 2.80GHz	1955	1753	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1591	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1989	1737	99.53	\$19.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8335 @ 2.66GHz	1846	1810	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1682	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2148	1674	47.23	\$45.50*
Intel Core2 Duo E8435 @ 3.06GHz	2097	1693	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2281	1616	57.06	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2400	1573	56.54	\$42.45*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1652	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2392	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2431	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2366	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2355	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	959	2292	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2280	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2188	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1080	2219	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1345	2060	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	2092	64.48	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1307	2080	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	2025	35.43	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2306	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1978	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1455	2006	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2244	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1453	2009	4.89	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1970	31.25	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1932	42.77	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1739	1860	30.53	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1959	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1753	1854	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1754	1852	17.72	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1864	1804	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2015	1729	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2476	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1251	2121	4.95	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1680	1897	5.92	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	925	2315	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	833	2361	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	839	2360	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2371	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	932	2312	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2325	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2328	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2320	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1039	2235	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2239	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5670 @ 1.80GHz	994	2269	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1094	2207	109.58	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1116	2190	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1200	2148	75.48	\$15.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5870 @ 2.00GHz	1148	2178	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2140	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2133	81.79	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1285	2097	85.75	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1259	2114	32.71	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1360	2052	71.98	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1358	2055	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1019	2247	46.36	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	2167	11.68	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1115	2191	5.54	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1193	2149	38.50	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1250	2123	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1271	2108	29.57	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1378	2044	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1423	2022	10.17	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1597	1946	2.63	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1298	2086	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1473	2001	13.52	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1673	1901	28.86	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1739	1861	38.70	\$44.95*
Intel Core2 Duo T9500 @ 2.60GHz	1793	1838	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1806	1832	6.04	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1768	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2016	1728	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2134	1677	5.35	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	874	2340	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2474	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2438	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2424	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	855	2351	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1129	2186	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1893	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1174	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3632	1177	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1224	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1875	1798	7.11	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1835	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2068	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1896	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1787	4.62	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2068	1708	2.43	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4156	1062	4.83	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	993	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	967	2.87	\$1,608.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme X9775 @ 3.20GHz	4646	961	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2948	1381	73.75	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3281	1268	72.93	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2809	1432	122.20	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2980	1369	59.62	\$49.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q8400 @ 2.66GHz	3161	1310	13.17	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2525	1523	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1280	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3156	1312	15.82	\$199.50*
Intel Core2 Quad Q9400 @ 2.66GHz	3339	1256	69.52	\$48.03*
Intel Core2 Quad Q9450 @ 2.66GHz	3757	1148	105.25	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3519	1208	100.60	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3531	1204	18.59	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3963	1099	89.09	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4157	1061	38.11	\$109.11
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1103	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2689	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2739	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2617	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	464	2564	NA	NA
Intel Core 330 @ 1.60GHz	643	2449	NA	NA
Intel Core 860 @ 2.80GHz	4555	979	26.96	\$169.00*
Intel Core Duo L2300 @ 1.50GHz	719	2413	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2421	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2400	NA	NA
Intel Core Duo T2050 @ 1.60GHz	694	2426	NA	NA
Intel Core Duo T2250 @ 1.73GHz	754	2396	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2408	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2391	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2380	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2365	NA	NA
Intel Core Duo T2500 @ 2.00GHz	867	2343	7.23	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2307	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2242	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2499	NA	NA
Intel Core Duo U2500 @ 1.20GHz	511	2524	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1764	NA	NA
Intel Core i3-330M @ 2.13GHz	1785	1840	11.17	\$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2221	NA	NA
Intel Core i3-350M @ 2.27GHz	1891	1790	112.94	\$16.75
Intel Core i3-370M @ 2.40GHz	2015	1730	50.43	\$39.96*
Intel Core i3-380M @ 2.53GHz	2093	1695	34.91	\$59.95
Intel Core i3-380UM @ 1.33GHz	1157	2172	NA	NA
Intel Core i3-390M @ 2.67GHz	2170	1663	55.72	\$38.95*
Intel Core i3-530 @ 2.93GHz	2565	1510	23.76	\$108.00
Intel Core i3-540 @ 3.07GHz	2686	1470	20.66	\$130.03
Intel Core i3-550 @ 3.20GHz	2829	1423	16.10	\$175.74
Intel Core i3-560 @ 3.33GHz	2933	1385	16.30	\$179.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2100 @ 3.10GHz	3691	1168	67.14	\$54.99
Intel Core i3-2100T @ 2.50GHz	2980	1368	49.68	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1154	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3712	1163	32.29	\$114.99*
Intel Core i3-2120 @ 3.30GHz	3930	1110	56.15	\$70.00
Intel Core i3-2120T @ 2.60GHz	3155	1313	126.28	\$24.99
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	4015	1086	19.40	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4077	1077	35.46	\$114.99
Intel Core i3-2140 @ 3.50GHz	4325	1030	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1418	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2432	1560	62.67	\$38.81
Intel Core i3-2312M @ 2.10GHz	2374	1583	NA	NA
Intel Core i3-2328M @ 2.20GHz	2545	1518	27.38	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1340	NA	NA
Intel Core i3-2330M @ 2.20GHz	2527	1522	50.60	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1580	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1868	NA	NA
Intel Core i3-2348M @ 2.30GHz	2621	1489	NA	NA
Intel Core i3-2350M @ 2.30GHz	2630	1486	82.53	\$31.88
Intel Core i3-2357M @ 1.30GHz	1556	1961	NA	NA
Intel Core i3-2365M @ 1.40GHz	1679	1898	NA	NA
Intel Core i3-2367M @ 1.40GHz	1708	1880	NA	NA
Intel Core i3-2370M @ 2.40GHz	2777	1441	69.78	\$39.81
Intel Core i3-2375M @ 1.50GHz	1769	1844	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1825	NA	NA
Intel Core i3-3110M @ 2.40GHz	3081	1337	38.54	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3225	1286	29.33	\$110.00*
Intel Core i3-3130M @ 2.60GHz	3384	1241	NA	NA
Intel Core i3-3210 @ 3.20GHz	4042	1081	20.31	\$199.00
Intel Core i3-3217U @ 1.80GHz	2302	1609	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1668	NA	NA
Intel Core i3-3220 @ 3.30GHz	4245	1047	77.20	\$54.99
Intel Core i3-3220T @ 2.80GHz	3695	1166	29.56	\$125.00
Intel Core i3-3225 @ 3.30GHz	4345	1024	13.37	\$324.99
Intel Core i3-3227U @ 1.90GHz	2467	1548	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1886	NA	NA
Intel Core i3-3240 @ 3.40GHz	4318	1033	86.37	\$50.00
Intel Core i3-3240T @ 2.90GHz	3659	1173	NA	NA
Intel Core i3-3245 @ 3.40GHz	4444	1003	25.84	\$172.01*
Intel Core i3-3250 @ 3.50GHz	4456	999	46.92	\$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1180	NA	NA
Intel Core i3-4000M @ 2.40GHz	3257	1273	16.29	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2444	1557	NA	NA
Intel Core i3-4010U @ 1.70GHz	2442	1558	16.28	\$149.99
Intel Core i3-4010Y @ 1.30GHz	1900	1784	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2164	1667	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2213	1651	NA	NA
Intel Core i3-4025U @ 1.90GHz	2789	1439	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4030U @ 1.90GHz	2716	1463	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1534	NA	NA
Intel Core i3-4100M @ 2.50GHz	3419	1229	15.65	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3854	1120	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1403	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1348	NA	NA
Intel Core i3-4130 @ 3.40GHz	4804	933	53.38	\$89.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4130T @ 2.90GHz	4147	1064	46.61	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4899	913	49.49	\$99.00
Intel Core i3-4150T @ 3.00GHz	4227	1048	18.39	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1392	NA	NA
Intel Core i3-4160 @ 3.60GHz	5047	883	46.11	\$109.47
Intel Core i3-4160T @ 3.10GHz	4451	1002	29.68	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5191	857	23.60	\$219.99
Intel Core i3-4170T @ 3.20GHz	4545	985	21.65	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5086	869	27.63	\$184.09
Intel Core i3-4330T @ 3.00GHz	4485	997	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1293	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	850	30.84	\$169.99*
Intel Core i3-4350 @ 3.60GHz	4990	895	29.36	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	1038	NA	NA
Intel Core i3-4360 @ 3.70GHz	5461	814	21.09	\$259.00
Intel Core i3-4360T @ 3.20GHz	4636	962	NA	NA
Intel Core i3-4370 @ 3.80GHz	5613	791	18.17	\$309.00*
Intel Core i3-4370T @ 3.30GHz	4870	916	35.29	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	905	NA	NA
Intel Core i3-5005U @ 2.00GHz	2908	1396	NA	NA
Intel Core i3-5010U @ 2.10GHz	3056	1345	9.05	\$337.76*
Intel Core i3-5015U @ 2.10GHz	2991	1366	NA	NA
Intel Core i3-5020U @ 2.20GHz	3202	1292	6.98	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	1171	NA	NA
Intel Core i3-6006U @ 2.00GHz	3084	1336	NA	NA
Intel Core i3-6098P @ 3.60GHz	5400	825	40.38	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5482	807	42.50	\$129.00
Intel Core i3-6100E @ 2.70GHz	3769	1141	NA	NA
Intel Core i3-6100H @ 2.70GHz	4219	1052	NA	NA
Intel Core i3-6100T @ 3.20GHz	4849	926	35.92	\$134.99*
Intel Core i3-6100TE @ 2.70GHz	4304	1037	NA	NA
Intel Core i3-6100U @ 2.30GHz	3606	1184	7.00	\$515.00*
Intel Core i3-6102E @ 1.90GHz	3196	1296	14.20	\$225.00*
Intel Core i3-6157U @ 2.40GHz	3835	1126	NA	NA
Intel Core i3-6300 @ 3.80GHz	5845	763	10.78	\$541.99*
Intel Core i3-6300T @ 3.30GHz	5247	849	33.86	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6047	744	19.40	\$311.79
Intel Core i3-7020U @ 2.30GHz	3544	1198	12.61	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5786	769	34.56	\$167.40
Intel Core i3-7100H @ 3.00GHz	4627	966	20.57	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5056	880	35.48	\$142.52

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7100U @ 2.40GHz	3766	1144	9.89	\$380.64*
Intel Core i3-7101TE @ 3.40GHz	5189	858	44.36	\$117.00*
Intel Core i3-7102E @ 2.10GHz	3266	1270	14.52	\$225.00*
Intel Core i3-7130U @ 2.70GHz	4061	1079	8.83	\$459.99*
Intel Core i3-7167U @ 2.80GHz	4757	942	NA	NA
Intel Core i3-7300 @ 4.00GHz	6328	713	36.83	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	829	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6417	705	35.12	\$182.72*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7350K @ 4.20GHz	6599	688	26.94	\$245.00
Intel Core i3-8100 @ 3.60GHz	8019	544	51.62	\$155.35
Intel Core i3-8100B @ 3.60GHz	8544	495	64.24	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7339	614	56.89	\$129.00
Intel Core i3-8109U @ 3.00GHz	6157	727	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	934	NA	NA
Intel Core i3-8130U @ 2.20GHz	5006	892	17.82	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5537	802	19.71	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8706	480	54.42	\$159.99
Intel Core i3-8300T @ 3.20GHz	8032	541	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9238	422	46.48	\$198.75
Intel Core i3-9100 @ 3.60GHz	9095	435	53.51	\$169.99
Intel Core i3-9100F @ 3.60GHz	9017	448	100.20	\$89.99
Intel Core i3-9100T @ 3.10GHz	7689	583	63.03	\$122.00*
Intel Core i3-9300 @ 3.70GHz	10018	345	65.91	\$152.00*
Intel Core i3-9300T @ 3.20GHz	8777	474	61.38	\$143.00*
Intel Core i3-9320 @ 3.70GHz	10144	336	62.62	\$162.00*
Intel Core i3-9350KF @ 4.00GHz	10571	309	48.72	\$216.99
Intel Core i3-21050 @ 3.10GHz	3862	1119	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1657	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1544	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3538	1201	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3676	1170	NA	NA
Intel Core i5-430M @ 2.27GHz	2094	1694	14.97	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	2064	NA	NA
Intel Core i5-450M @ 2.40GHz	2130	1679	66.69	\$31.95*
Intel Core i5-460M @ 2.53GHz	2321	1596	29.04	\$79.95*
Intel Core i5-470UM @ 1.33GHz	1081	2218	NA	NA
Intel Core i5-480M @ 2.67GHz	2402	1570	29.81	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1638	NA	NA
Intel Core i5-520M @ 2.40GHz	2368	1585	39.48	\$59.99
Intel Core i5-520UM @ 1.07GHz	1351	2057	NA	NA
Intel Core i5-540M @ 2.53GHz	2453	1554	12.92	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	2045	NA	NA
Intel Core i5-560M @ 2.67GHz	2578	1503	31.46	\$81.97*
Intel Core i5-560UM @ 1.33GHz	1664	1910	NA	NA
Intel Core i5-580M @ 2.67GHz	2580	1502	23.47	\$109.95*
Intel Core i5-650 @ 3.20GHz	3097	1331	13.77	\$224.95
Intel Core i5-655K @ 3.20GHz	3386	1240	56.45	\$59.99*
Intel Core i5-660 @ 3.33GHz	3248	1277	103.94	\$31.25*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-661 @ 3.33GHz	3193	1297	13.88	\$229.99*
Intel Core i5-670 @ 3.47GHz	3319	1257	11.90	\$279.00*
Intel Core i5-680 @ 3.60GHz	3512	1209	39.03	\$89.99*
Intel Core i5-750 @ 2.67GHz	3720	1158	18.01	\$206.56*
Intel Core i5-760 @ 2.80GHz	3937	1108	18.84	\$209.00
Intel Core i5-2300 @ 2.80GHz	5366	830	67.09	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5534	804	29.70	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5773	772	36.08	\$160.00
Intel Core i5-2380P @ 3.10GHz	5749	776	31.94	\$180.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2390T @ 2.70GHz	4223	1050	42.27	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5971	747	99.54	\$59.99
Intel Core i5-2400S @ 2.50GHz	4987	896	14.67	\$339.95*
Intel Core i5-2405S @ 2.50GHz	5082	872	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3169	1304	44.02	\$72.00*
Intel Core i5-2415M @ 2.30GHz	3303	1264	NA	NA
Intel Core i5-2430M @ 2.40GHz	3286	1266	36.88	\$89.11*
Intel Core i5-2435M @ 2.40GHz	3232	1283	NA	NA
Intel Core i5-2450M @ 2.50GHz	3401	1233	38.65	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6149	730	68.34	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2321	1597	NA	NA
Intel Core i5-2500 @ 3.30GHz	6351	711	115.48	\$55.00
Intel Core i5-2500K @ 3.30GHz	6488	697	14.94	\$434.26*
Intel Core i5-2500S @ 2.70GHz	5379	828	71.74	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4647	960	51.64	\$89.99*
Intel Core i5-2510E @ 2.50GHz	3483	1217	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1262	NA	NA
Intel Core i5-2520M @ 2.50GHz	3593	1186	21.19	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2081	1702	NA	NA
Intel Core i5-2540M @ 2.60GHz	3786	1138	66.41	\$57.02
Intel Core i5-2550K @ 3.40GHz	6672	680	35.12	\$190.00*
Intel Core i5-2557M @ 1.70GHz	2691	1468	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1149	NA	NA
Intel Core i5-3210M @ 2.50GHz	3828	1129	56.10	\$68.24*
Intel Core i5-3230M @ 2.60GHz	3942	1107	17.39	\$226.77*
Intel Core i5-3317U @ 1.70GHz	3090	1333	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4133	1067	55.07	\$75.05*
Intel Core i5-3330 @ 3.00GHz	5949	750	29.75	\$200.00*
Intel Core i5-3330S @ 2.70GHz	5678	781	59.78	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	768	NA	NA
Intel Core i5-3337U @ 1.80GHz	3229	1285	14.35	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1650	NA	NA
Intel Core i5-3340 @ 3.10GHz	6094	737	20.80	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4247	1046	53.13	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	762	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6151	729	41.01	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4438	1006	47.82	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4442	1004	NA	NA
Intel Core i5-3427U @ 1.80GHz	3545	1196	8.44	\$420.05*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3437U @ 1.90GHz	3622	1178	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1388	NA	NA
Intel Core i5-3450 @ 3.10GHz	6537	694	29.81	\$219.33*
Intel Core i5-3450S @ 2.80GHz	6229	719	44.81	\$139.00*
Intel Core i5-3470 @ 3.20GHz	6723	675	88.51	\$75.96
Intel Core i5-3470S @ 2.90GHz	6386	707	50.69	\$126.00
Intel Core i5-3470T @ 2.90GHz	4487	996	14.52	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6617	687	46.12	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6967	647	69.68	\$99.99*
Intel Core i5-3550S @ 3.00GHz	6910	655	20.95	\$329.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3570 @ 3.40GHz	7138	632	89.25	\$79.99
Intel Core i5-3570K @ 3.40GHz	7185	629	51.33	\$139.99
Intel Core i5-3570S @ 3.10GHz	6751	671	23.69	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5914	754	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3898	1115	NA	NA
Intel Core i5-4200H @ 2.80GHz	4454	1000	NA	NA
Intel Core i5-4200M @ 2.50GHz	4037	1082	49.77	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3280	1269	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1569	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2262	1628	NA	NA
Intel Core i5-4210H @ 2.90GHz	4534	987	NA	NA
Intel Core i5-4210M @ 2.60GHz	4205	1054	13.57	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3401	1234	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2375	1582	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1606	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1402	NA	NA
Intel Core i5-4250U @ 1.30GHz	3376	1244	9.41	\$359.00
Intel Core i5-4258U @ 2.40GHz	4090	1074	NA	NA
Intel Core i5-4260U @ 1.40GHz	3571	1192	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	1019	NA	NA
Intel Core i5-4288U @ 2.60GHz	4309	1036	NA	NA
Intel Core i5-4300M @ 2.60GHz	4441	1005	NA	NA
Intel Core i5-4300U @ 1.90GHz	3740	1153	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2505	1535	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1372	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	1051	NA	NA
Intel Core i5-4310M @ 2.70GHz	4654	957	NA	NA
Intel Core i5-4310U @ 2.00GHz	3782	1139	NA	NA
Intel Core i5-4330M @ 2.80GHz	4551	981	16.55	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4861	922	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1181	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	983	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1104	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1434	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6338	712	39.62	\$159.99
Intel Core i5-4430S @ 2.70GHz	5937	752	37.11	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6517	695	13.11	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6255	716	13.51	\$462.97*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4460 @ 3.20GHz	6721	677	29.61	\$227.00
Intel Core i5-4460S @ 2.90GHz	6430	702	9.74	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4971	898	NA	NA
Intel Core i5-4570 @ 3.20GHz	7152	631	62.20	\$115.00
Intel Core i5-4570R @ 2.70GHz	6756	670	NA	NA
Intel Core i5-4570S @ 2.90GHz	6826	661	32.08	\$212.81
Intel Core i5-4570T @ 2.90GHz	4816	929	22.94	\$209.95
Intel Core i5-4570TE @ 2.70GHz	3827	1130	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7337	615	61.15	\$119.99
Intel Core i5-4590S @ 3.00GHz	7068	638	58.91	\$119.99
Intel Core i5-4590T @ 2.00GHz	5619	788	26.77	\$209.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4670 @ 3.40GHz	7470	601	32.20	\$232.00
Intel Core i5-4670K @ 3.40GHz	7635	589	22.20	\$343.89
Intel Core i5-4670K CPT @ 3.40GHz	7411	608	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	607	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7396	611	34.73	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6155	728	23.76	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7690	581	32.77	\$234.70
Intel Core i5-4690K @ 3.50GHz	7797	567	50.63	\$154.00
Intel Core i5-4690S @ 3.20GHz	7401	610	20.60	\$359.21*
Intel Core i5-4690T @ 2.50GHz	6547	692	NA	NA
Intel Core i5-5200U @ 2.20GHz	3494	1214	NA	NA
Intel Core i5-5250U @ 1.60GHz	3587	1188	8.12	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4410	1012	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	950	NA	NA
Intel Core i5-5300U @ 2.30GHz	3832	1127	7.43	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3500	1213	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	599	NA	NA
Intel Core i5-5675C @ 3.10GHz	8135	529	26.25	\$309.95*
Intel Core i5-5675R @ 3.10GHz	7991	548	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4154	1063	NA	NA
Intel Core i5-6200U @ 2.30GHz	4008	1087	NA	NA
Intel Core i5-6260U @ 1.80GHz	4359	1021	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4888	915	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	943	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6092	738	NA	NA
Intel Core i5-6300U @ 2.40GHz	4365	1020	NA	NA
Intel Core i5-6360U @ 2.00GHz	4686	952	NA	NA
Intel Core i5-6400 @ 2.70GHz	6756	669	28.08	\$240.65*
Intel Core i5-6400T @ 2.20GHz	5610	792	21.58	\$259.95*
Intel Core i5-6402P @ 2.80GHz	7102	634	37.38	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	720	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6814	663	NA	NA
Intel Core i5-6500 @ 3.20GHz	7245	622	45.03	\$160.89
Intel Core i5-6500T @ 2.50GHz	6293	714	43.41	\$144.99*
Intel Core i5-6500TE @ 2.30GHz	6580	690	31.34	\$209.99*
Intel Core i5-6600 @ 3.30GHz	7771	572	29.65	\$262.13*
Intel Core i5-6600K @ 3.50GHz	8057	534	30.63	\$263.11*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6600T @ 2.70GHz	7271	619	24.24	\$299.95*
Intel Core i5-7200U @ 2.50GHz	4567	978	NA	NA
Intel Core i5-7260U @ 2.20GHz	5640	786	10.11	\$557.98
Intel Core i5-7267U @ 3.10GHz	4999	893	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	785	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6721	676	NA	NA
Intel Core i5-7300U @ 2.60GHz	5167	861	11.16	\$462.86
Intel Core i5-7360U @ 2.30GHz	5855	759	NA	NA
Intel Core i5-7400 @ 3.00GHz	7236	624	34.82	\$207.81
Intel Core i5-7400T @ 2.40GHz	6356	710	30.12	\$211.07
Intel Core i5-7440HQ @ 2.80GHz	7645	587	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	5901	756	23.60	\$250.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7500 @ 3.40GHz	7939	554	38.17	\$208.00
Intel Core i5-7500T @ 2.70GHz	6950	651	31.03	\$223.99
Intel Core i5-7600 @ 3.50GHz	8641	487	27.88	\$309.98*
Intel Core i5-7600K @ 3.80GHz	9051	444	33.97	\$266.43
Intel Core i5-7600T @ 2.80GHz	7974	550	29.46	\$270.66
Intel Core i5-7640X @ 4.00GHz	9472	401	53.19	\$178.10
Intel Core i5-8200Y @ 1.30GHz	4339	1025	14.91	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4284	1040	NA	NA
Intel Core i5-8250U @ 1.60GHz	7658	586	NA	NA
Intel Core i5-8259U @ 2.30GHz	10989	283	14.11	\$778.67
Intel Core i5-8265U @ 1.60GHz	8003	546	26.95	\$297.00*
Intel Core i5-8265UC @ 1.60GHz	7780	570	NA	NA
Intel Core i5-8300H @ 2.30GHz	9474	400	37.90	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8947	460	NA	NA
Intel Core i5-8350U @ 1.70GHz	8142	528	27.42	\$297.00*
Intel Core i5-8365U @ 1.60GHz	8477	501	28.54	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11579	264	57.90	\$199.99
Intel Core i5-8400H @ 2.50GHz	10431	318	41.73	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9503	396	45.47	\$209.00
Intel Core i5-8500 @ 3.00GHz	11830	257	51.66	\$229.00*
Intel Core i5-8500B @ 3.00GHz	12756	231	66.44	\$192.00*
Intel Core i5-8500T @ 2.10GHz	9992	350	42.64	\$234.36*
Intel Core i5-8600 @ 3.10GHz	12487	238	45.05	\$277.21*
Intel Core i5-8600K @ 3.60GHz	12683	236	40.76	\$311.20
Intel Core i5-8600T @ 2.30GHz	10981	284	29.92	\$366.99*
Intel Core i5-9300H @ 2.40GHz	9730	379	38.92	\$250.00*
Intel Core i5-9400 @ 2.90GHz	11805	259	69.45	\$169.99
Intel Core i5-9400F @ 2.90GHz	12091	252	86.37	\$139.99
Intel Core i5-9400H @ 2.50GHz	10324	322	41.30	\$250.00*
Intel Core i5-9400T @ 1.80GHz	10606	308	NA	NA
Intel Core i5-9500 @ 3.00GHz	11975	256	58.42	\$204.99
Intel Core i5-9500F @ 3.00GHz	13067	223	64.69	\$202.00*
Intel Core i5-9500T @ 2.20GHz	10645	306	55.45	\$192.00*
Intel Core i5-9600K @ 3.70GHz	13487	212	58.64	\$229.99
Intel Core i5-9600KF @ 3.70GHz	13507	211	57.48	\$234.99
Intel Core i5-10210U @ 1.60GHz	8783	472	29.57	\$297.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-24050S @ 2.50GHz	4928	906	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3729	1155	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1747	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1519	NA	NA
Intel Core i7-620LM @ 2.00GHz	1954	1755	NA	NA
Intel Core i7-620M @ 2.67GHz	2719	1461	7.45	\$365.00*
Intel Core i7-620UM @ 1.07GHz	1323	2072	NA	NA
Intel Core i7-640LM @ 2.13GHz	2245	1637	NA	NA
Intel Core i7-640M @ 2.80GHz	2827	1424	14.14	\$199.95*
Intel Core i7-640UM @ 1.20GHz	1638	1923	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1858	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1876	NA	NA
Intel Core i7-720QM @ 1.60GHz	3008	1358	27.37	\$109.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-740QM @ 1.73GHz	3191	1299	19.95	\$159.95*
Intel Core i7-820QM @ 1.73GHz	3220	1289	13.42	\$239.95*
Intel Core i7-840QM @ 1.87GHz	3411	1232	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	5026	887	17.34	\$289.95
Intel Core i7-860S @ 2.53GHz	4919	909	24.60	\$199.99*
Intel Core i7-870 @ 2.93GHz	5342	833	56.03	\$95.35
Intel Core i7-870S @ 2.67GHz	4849	925	NA	NA
Intel Core i7-875K @ 2.93GHz	5421	816	15.63	\$346.78*
Intel Core i7-880 @ 3.07GHz	5505	806	9.44	\$583.00*
Intel Core i7-920 @ 2.67GHz	4915	910	119.88	\$41.00
Intel Core i7-920XM @ 2.00GHz	3724	1157	9.31	\$399.95*
Intel Core i7-930 @ 2.80GHz	5134	864	46.68	\$109.99
Intel Core i7-940 @ 2.93GHz	5332	836	51.28	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3967	1096	NA	NA
Intel Core i7-950 @ 3.07GHz	5541	801	135.19	\$40.99
Intel Core i7-960 @ 3.20GHz	5799	765	20.71	\$280.00*
Intel Core i7-965 @ 3.20GHz	5850	761	41.79	\$139.99*
Intel Core i7-970 @ 3.20GHz	8359	513	16.72	\$499.95*
Intel Core i7-975 @ 3.33GHz	6118	733	14.75	\$414.90*
Intel Core i7-980 @ 3.33GHz	8602	492	43.02	\$199.98*
Intel Core i7-980X @ 3.33GHz	8750	478	9.62	\$909.99
Intel Core i7-985 @ 3.47GHz	6641	685	NA	NA
Intel Core i7-990X @ 3.47GHz	9065	440	25.90	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	372	NA	NA
Intel Core i7-1065G7 @ 1.30GHz	11172	273	NA	NA
Intel Core i7-2600 @ 3.40GHz	8186	524	68.22	\$119.99
Intel Core i7-2600K @ 3.40GHz	8438	506	54.46	\$154.96
Intel Core i7-2600S @ 2.80GHz	7091	636	67.46	\$105.12
Intel Core i7-2610UE @ 1.50GHz	2481	1546	NA	NA
Intel Core i7-2617M @ 1.50GHz	2813	1430	NA	NA
Intel Core i7-2620M @ 2.70GHz	3840	1124	22.62	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5521	805	24.01	\$229.95*
Intel Core i7-2630UM @ 1.60GHz	2584	1501	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5468	812	NA	NA
Intel Core i7-2637M @ 1.70GHz	2900	1404	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2640M @ 2.80GHz	3923	1112	32.71	\$119.95*
Intel Core i7-2655LE @ 2.20GHz	3229	1284	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5877	758	42.47	\$138.40*
Intel Core i7-2675QM @ 2.20GHz	5537	803	NA	NA
Intel Core i7-2677M @ 1.80GHz	2830	1422	NA	NA
Intel Core i7-2700K @ 3.50GHz	8692	483	28.42	\$305.90
Intel Core i7-2710QE @ 2.10GHz	5768	773	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	831	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6101	735	32.12	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6561	691	31.25	\$209.95*
Intel Core i7-2820QM @ 2.30GHz	6646	683	34.79	\$191.02*
Intel Core i7-2840QM @ 2.40GHz	6766	667	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6955	649	12.86	\$541.00*
Intel Core i7-2920XM @ 2.50GHz	6998	642	15.89	\$440.44*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2960XM @ 2.70GHz	7224	626	17.62	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3545	1197	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3150	1317	NA	NA
Intel Core i7-3520M @ 2.90GHz	4547	984	36.68	\$123.96*
Intel Core i7-3537U @ 2.00GHz	3808	1135	NA	NA
Intel Core i7-3540M @ 3.00GHz	4662	955	10.84	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1097	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	693	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7457	603	18.64	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	678	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6815	662	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	602	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7387	612	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7581	592	31.72	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6930	654	30.14	\$229.95*
Intel Core i7-3635QM @ 2.40GHz	6667	681	NA	NA
Intel Core i7-3667U @ 2.00GHz	3977	1094	NA	NA
Intel Core i7-3687U @ 2.10GHz	4136	1066	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1290	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8122	532	22.38	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	8311	515	34.64	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9279	419	66.29	\$139.99
Intel Core i7-3770K @ 3.50GHz	9516	394	23.21	\$409.99
Intel Core i7-3770S @ 3.10GHz	8900	464	23.49	\$379.00
Intel Core i7-3770T @ 2.50GHz	8208	522	24.87	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8990	450	22.48	\$399.99*
Intel Core i7-3820QM @ 2.70GHz	8403	508	29.49	\$285.00
Intel Core i7-3840QM @ 2.80GHz	8761	477	30.22	\$289.95
Intel Core i7-3920XM @ 2.90GHz	8982	452	8.20	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11979	255	23.73	\$504.85*
Intel Core i7-3940XM @ 3.00GHz	9160	429	17.00	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12582	237	13.83	\$909.99
Intel Core i7-3970X @ 3.50GHz	12696	234	15.75	\$805.98
Intel Core i7-4500U @ 1.80GHz	3787	1137	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4510U @ 2.00GHz	3916	1114	NA	NA
Intel Core i7-4550U @ 1.50GHz	3717	1160	NA	NA
Intel Core i7-4558U @ 2.80GHz	4401	1013	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	1028	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	937	NA	NA
Intel Core i7-4600M @ 2.90GHz	4901	912	NA	NA
Intel Core i7-4600U @ 2.10GHz	4105	1073	NA	NA
Intel Core i7-4610M @ 3.00GHz	4905	911	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1152	NA	NA
Intel Core i7-4650U @ 1.70GHz	3951	1102	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7203	627	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7734	576	20.19	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7690	582	40.69	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7427	606	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7129	633	21.15	\$337.04*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4710HQ @ 2.50GHz	7724	579	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7984	549	29.40	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7533	596	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7192	628	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7992	547	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8093	533	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8202	523	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8735	479	NA	NA
Intel Core i7-4765T @ 2.00GHz	7305	617	18.26	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9783	374	54.35	\$179.99
Intel Core i7-4770HQ @ 2.20GHz	8952	458	NA	NA
Intel Core i7-4770K @ 3.50GHz	10077	343	30.47	\$330.70
Intel Core i7-4770R @ 3.20GHz	9830	368	NA	NA
Intel Core i7-4770S @ 3.10GHz	9348	410	15.33	\$610.00*
Intel Core i7-4770T @ 2.50GHz	8604	490	21.51	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	673	NA	NA
Intel Core i7-4771 @ 3.50GHz	9866	365	16.17	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7637	588	NA	NA
Intel Core i7-4790 @ 3.60GHz	9991	352	55.57	\$179.80
Intel Core i7-4790K @ 4.00GHz	11169	275	37.11	\$300.99
Intel Core i7-4790S @ 3.20GHz	9558	392	35.53	\$269.00
Intel Core i7-4790T @ 2.70GHz	9068	439	25.26	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8442	505	45.61	\$185.12*
Intel Core i7-4810MQ @ 2.80GHz	8650	486	45.54	\$189.95*
Intel Core i7-4820K @ 3.70GHz	9721	381	44.19	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9056	443	20.87	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7899	556	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9276	420	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9345	412	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8982	453	15.31	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9336	413	20.30	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13024	224	27.39	\$475.60
Intel Core i7-4930MX @ 3.00GHz	9444	407	8.62	\$1,096.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4940MX @ 3.10GHz	9807	371	13.81	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9856	367	15.82	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13816	198	17.94	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10295	325	NA	NA
Intel Core i7-5500U @ 2.40GHz	3980	1093	NA	NA
Intel Core i7-5550U @ 2.00GHz	3851	1123	NA	NA
Intel Core i7-5557U @ 3.10GHz	4953	903	7.03	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4326	1029	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	1049	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	525	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	519	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8354	514	NA	NA
Intel Core i7-5775C @ 3.30GHz	10867	294	15.83	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10879	293	NA	NA
Intel Core i7-5820K @ 3.30GHz	13013	226	45.03	\$289.00
Intel Core i7-5850EQ @ 2.70GHz	9817	370	22.57	\$435.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5850HQ @ 2.70GHz	9459	404	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13663	201	41.53	\$329.00
Intel Core i7-5950HQ @ 2.90GHz	10850	295	NA	NA
Intel Core i7-5960X @ 3.00GHz	15994	141	16.66	\$959.99*
Intel Core i7-6498DU @ 2.50GHz	4437	1007	NA	NA
Intel Core i7-6500U @ 2.50GHz	4425	1008	11.26	\$393.00*
Intel Core i7-6560U @ 2.20GHz	4812	930	NA	NA
Intel Core i7-6567U @ 3.30GHz	5574	797	NA	NA
Intel Core i7-6600U @ 2.60GHz	4804	932	NA	NA
Intel Core i7-6650U @ 2.20GHz	4971	899	NA	NA
Intel Core i7-6700 @ 3.40GHz	10004	348	29.87	\$334.99
Intel Core i7-6700HQ @ 2.60GHz	8129	530	21.51	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11110	276	35.54	\$312.61*
Intel Core i7-6700T @ 2.80GHz	8999	449	23.94	\$375.99
Intel Core i7-6700TE @ 2.40GHz	8674	485	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9718	382	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13567	207	40.15	\$337.89
Intel Core i7-6820EQ @ 2.80GHz	8563	493	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9120	432	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8780	473	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6501	696	NA	NA
Intel Core i7-6850K @ 3.60GHz	14375	181	26.38	\$544.99
Intel Core i7-6900K @ 3.20GHz	17613	103	22.35	\$788.00
Intel Core i7-6920HQ @ 2.90GHz	9560	391	16.83	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19925	71	12.73	\$1,565.60
Intel Core i7-7500U @ 2.70GHz	5122	865	NA	NA
Intel Core i7-7560U @ 2.40GHz	5789	767	NA	NA
Intel Core i7-7567U @ 3.50GHz	6464	698	7.26	\$889.98
Intel Core i7-7600U @ 2.80GHz	5111	868	NA	NA
Intel Core i7-7660U @ 2.50GHz	5993	746	NA	NA
Intel Core i7-7700 @ 3.60GHz	10685	301	33.49	\$319.03
Intel Core i7-7700HQ @ 2.80GHz	8769	475	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7700K @ 4.20GHz	11996	253	33.79	\$354.99
Intel Core i7-7700T @ 2.90GHz	9288	417	30.06	\$309.00*
Intel Core i7-7740X @ 4.30GHz	12228	248	37.86	\$323.01
Intel Core i7-7800X @ 3.50GHz	14634	174	16.74	\$873.99
Intel Core i7-7820EQ @ 3.00GHz	9144	430	24.19	\$378.00*
Intel Core i7-7820HK @ 2.90GHz	9974	354	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9244	421	24.46	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18517	89	27.28	\$678.75
Intel Core i7-7900X @ 3.30GHz	20474	62	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9991	351	NA	NA
Intel Core i7-8086K @ 4.00GHz	16690	117	30.18	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3927	1111	9.99	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8254	518	NA	NA
Intel Core i7-8559U @ 2.70GHz	12251	246	21.26	\$576.22
Intel Core i7-8565U @ 1.80GHz	8895	465	NA	NA
Intel Core i7-8650U @ 1.90GHz	8705	481	NA	NA
Intel Core i7-8665U @ 1.90GHz	9018	447	22.05	\$409.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8700 @ 3.20GHz	15143	160	41.05	\$368.88
Intel Core i7-8700B @ 3.20GHz	14802	170	48.85	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15930	144	45.52	\$349.99
Intel Core i7-8700T @ 2.40GHz	12686	235	31.02	\$409.00
Intel Core i7-8705G @ 3.10GHz	9936	358	7.05	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10539	311	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	375	NA	NA
Intel Core i7-8750H @ 2.20GHz	12405	239	31.41	\$395.00*
Intel Core i7-8809G @ 3.10GHz	10979	285	NA	NA
Intel Core i7-8850H @ 2.60GHz	13023	225	32.97	\$395.00*
Intel Core i7-9700 @ 3.00GHz	16243	132	49.22	\$329.99
Intel Core i7-9700F @ 3.00GHz	16538	122	50.90	\$324.90
Intel Core i7-9700K @ 3.60GHz	17183	110	47.08	\$364.99
Intel Core i7-9700KF @ 3.60GHz	17306	107	49.45	\$349.99
Intel Core i7-9700T @ 2.00GHz	13435	215	41.59	\$323.00*
Intel Core i7-9750H @ 2.60GHz	13620	204	NA	NA
Intel Core i7-9800X @ 3.80GHz	19727	77	32.88	\$599.99
Intel Core i7-9850H @ 2.60GHz	14412	179	36.49	\$395.00*
Intel Core i7-10510U @ 1.80GHz	9514	395	23.26	\$409.00*
Intel Core i9-7900X @ 3.30GHz	21886	46	21.89	\$999.99
Intel Core i9-7920X @ 2.90GHz	23285	36	20.25	\$1,149.99*
Intel Core i9-7940X @ 3.10GHz	25368	19	20.46	\$1,239.99*
Intel Core i9-7960X @ 2.80GHz	26080	15	19.32	\$1,349.99*
Intel Core i9-7980XE @ 2.60GHz	27695	12	14.35	\$1,929.99*
Intel Core i9-8950HK @ 2.90GHz	14258	185	24.46	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21599	50	26.67	\$809.99
Intel Core i9-9880H @ 2.30GHz	16523	123	29.72	\$556.00*
Intel Core i9-9900 @ 3.10GHz	17429	105	39.61	\$439.99
Intel Core i9-9900K @ 3.60GHz	20194	68	40.80	\$494.99
Intel Core i9-9900KF @ 3.60GHz	20639	61	43.92	\$469.99
Intel Core i9-9900X @ 3.50GHz	23011	38	25.01	\$919.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-9920X @ 3.50GHz	25223	22	23.08	\$1,093.08
Intel Core i9-9940X @ 3.30GHz	27142	13	24.56	\$1,104.99
Intel Core i9-9960X @ 3.10GHz	28030	10	18.81	\$1,489.99
Intel Core i9-9980HK @ 2.40GHz	17794	100	30.52	\$583.00*
Intel Core i9-9980XE @ 3.00GHz	29595	5	14.87	\$1,989.99
Intel Core m3-6Y30 @ 0.90GHz	3025	1353	10.77	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3528	1205	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1260	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3562	1193	12.68	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3351	1249	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3225	1287	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3459	1222	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2653	1478	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1579	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2817	1428	10.03	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1421	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2508	1532	NA	NA
Intel Core M-5Y70 @ 1.10GHz	2912	1394	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core M-5Y71 @ 1.20GHz	2991	1364	10.65	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2650	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2643	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2560	NA	NA
Intel Core Solo U1300 @ 1.06GHz	273	2803	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2797	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2718	NA	NA
Intel E3000 @ 3.40GHz	2767	1443	NA	NA
Intel Pentium 4 1.40GHz	164	2904	NA	NA
Intel Pentium 4 1.50GHz	131	2921	NA	NA
Intel Pentium 4 1.60GHz	129	2923	NA	NA
Intel Pentium 4 1.70GHz	132	2920	NA	NA
Intel Pentium 4 1.80GHz	161	2907	NA	NA
Intel Pentium 4 1.90GHz	159	2908	NA	NA
Intel Pentium 4 2.00GHz	189	2886	NA	NA
Intel Pentium 4 2.20GHz	209	2868	NA	NA
Intel Pentium 4 2.26GHz	221	2856	NA	NA
Intel Pentium 4 2.40GHz	228	2850	NA	NA
Intel Pentium 4 2.50GHz	245	2834	NA	NA
Intel Pentium 4 2.53GHz	248	2830	NA	NA
Intel Pentium 4 2.60GHz	288	2776	NA	NA
Intel Pentium 4 2.66GHz	254	2822	NA	NA
Intel Pentium 4 2.80GHz	322	2724	NA	NA
Intel Pentium 4 2.93GHz	293	2767	NA	NA
Intel Pentium 4 3.00GHz	353	2696	NA	NA
Intel Pentium 4 3.06GHz	347	2699	NA	NA
Intel Pentium 4 3.20GHz	373	2670	NA	NA
Intel Pentium 4 3.40GHz	395	2645	NA	NA
Intel Pentium 4 3.46GHz	454	2578	NA	NA
Intel Pentium 4 3.60GHz	487	2539	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 3.73GHz	486	2542	NA	NA
Intel Pentium 4 3.80GHz	485	2544	NA	NA
Intel Pentium 4 3.83GHz	195	2881	NA	NA
Intel Pentium 4 4.00GHz	184	2891	NA	NA
Intel Pentium 4 1300MHz	119	2927	NA	NA
Intel Pentium 4 1400MHz	127	2924	NA	NA
Intel Pentium 4 1500MHz	125	2925	NA	NA
Intel Pentium 4 1600MHz	193	2885	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2911	NA	NA
Intel Pentium 4 1800MHz	162	2906	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2914	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2880	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2897	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2869	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2900	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2867	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2876	NA	NA
Intel Pentium 5 2.66GHz	705	2419	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2205	8.18	\$134.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 967 @ 1.30GHz	1139	2185	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2179	NA	NA
Intel Pentium 987 @ 1.50GHz	1228	2131	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	2031	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1454	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1354	NA	NA
Intel Pentium 2020M @ 2.40GHz	2275	1619	16.98	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2398	1574	17.90	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1654	1917	12.35	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1821	1829	13.59	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1062	2224	7.93	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2277	1618	NA	NA
Intel Pentium 3556U @ 1.70GHz	1691	1892	NA	NA
Intel Pentium 3558U @ 1.70GHz	1679	1899	NA	NA
Intel Pentium 3560M @ 2.40GHz	2269	1626	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2111	NA	NA
Intel Pentium 3805U @ 1.90GHz	1970	1746	NA	NA
Intel Pentium 3825U @ 1.90GHz	2519	1527	NA	NA
Intel Pentium 4405U @ 2.10GHz	2931	1386	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1711	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2050	1716	12.73	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3151	1315	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2226	1647	13.83	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3243	1279	20.15	\$161.00*
Intel Pentium 5405U @ 2.30GHz	3251	1275	20.20	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1940	NA	NA
Intel Pentium B940 @ 2.00GHz	1726	1865	57.66	\$29.94*
Intel Pentium B950 @ 2.10GHz	1716	1871	NA	NA
Intel Pentium B960 @ 2.20GHz	1853	1807	37.83	\$48.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium B970 @ 2.30GHz	1952	1758	38.28	\$50.99*
Intel Pentium B980 @ 2.40GHz	2026	1724	28.97	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1134	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	529	2508	NA	NA
Intel Pentium D 830 @ 3.00GHz	641	2451	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2479	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2416	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2404	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2374	NA	NA
Intel Pentium E2140 @ 1.60GHz	870	2341	5.51	\$157.95*
Intel Pentium E2160 @ 1.80GHz	999	2262	64.41	\$15.51
Intel Pentium E2180 @ 2.00GHz	1087	2210	36.26	\$29.99
Intel Pentium E2200 @ 2.20GHz	1202	2146	16.04	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2159	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	2069	15.48	\$85.99*
Intel Pentium E5200 @ 2.50GHz	1486	1995	41.37	\$35.94
Intel Pentium E5300 @ 2.60GHz	1538	1969	59.22	\$25.98
Intel Pentium E5400 @ 2.70GHz	1597	1947	89.96	\$17.76
Intel Pentium E5500 @ 2.80GHz	1636	1924	62.96	\$25.99
Intel Pentium E5700 @ 3.00GHz	1737	1863	115.89	\$14.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E5800 @ 3.20GHz	1889	1793	63.00	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1705	1881	165.62	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1764	1845	11.17	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1861	1805	18.62	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1931	1766	135.08	\$14.30*
Intel Pentium E6800 @ 3.33GHz	1988	1738	22.34	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2327	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2289	NA	NA
Intel Pentium G620 @ 2.60GHz	2285	1613	91.47	\$24.99*
Intel Pentium G620T @ 2.20GHz	2033	1721	25.42	\$79.99*
Intel Pentium G630 @ 2.70GHz	2371	1584	23.72	\$100.00*
Intel Pentium G630T @ 2.30GHz	2089	1696	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2520	1526	16.81	\$150.00*
Intel Pentium G640T @ 2.40GHz	1979	1742	NA	NA
Intel Pentium G645 @ 2.90GHz	2587	1500	16.17	\$160.00*
Intel Pentium G645T @ 2.50GHz	2255	1632	NA	NA
Intel Pentium G840 @ 2.80GHz	2559	1512	73.14	\$34.99*
Intel Pentium G850 @ 2.90GHz	2663	1477	13.45	\$197.99
Intel Pentium G860 @ 3.00GHz	2735	1457	91.22	\$29.99*
Intel Pentium G870 @ 3.10GHz	2819	1427	29.07	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2596	1496	74.42	\$34.89*
Intel Pentium G2020 @ 2.90GHz	2754	1452	45.94	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2418	1564	50.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2869	1413	71.76	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2487	1543	38.86	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1448	NA	NA
Intel Pentium G2120 @ 3.10GHz	3079	1339	19.30	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3199	1294	64.00	\$49.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2140 @ 3.30GHz	3384	1242	41.28	\$82.00*
Intel Pentium G3220 @ 3.00GHz	3127	1322	27.43	\$114.00
Intel Pentium G3220T @ 2.60GHz	2555	1514	40.58	\$62.98
Intel Pentium G3240 @ 3.10GHz	3154	1314	33.62	\$93.85
Intel Pentium G3240T @ 2.70GHz	2840	1417	NA	NA
Intel Pentium G3250 @ 3.20GHz	3242	1281	29.48	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2971	1373	33.02	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3866	1118	25.95	\$149.00
Intel Pentium G3260 @ 3.30GHz	3360	1247	24.00	\$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1387	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1576	NA	NA
Intel Pentium G3420 @ 3.20GHz	3397	1236	23.91	\$142.07
Intel Pentium G3420T @ 2.70GHz	3008	1359	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1238	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3319	1258	20.75	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1330	NA	NA
Intel Pentium G3450 @ 3.40GHz	3700	1164	37.01	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1376	NA	NA
Intel Pentium G3460 @ 3.50GHz	3582	1189	12.43	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3714	1162	35.62	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3540	1199	48.72	\$72.67
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G4400T @ 2.90GHz	3163	1308	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1411	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3794	1136	38.34	\$98.99
Intel Pentium G4500T @ 3.00GHz	3471	1219	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1056	38.05	\$109.98
Intel Pentium G4560 @ 3.50GHz	4863	921	42.32	\$114.94
Intel Pentium G4560T @ 2.90GHz	3990	1091	36.28	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5075	873	21.15	\$239.95
Intel Pentium G4600T @ 3.00GHz	4266	1043	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5211	852	45.85	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1859	1806	46.49	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1676	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2059	1712	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5196	855	72.33	\$71.84
Intel Pentium Gold G5400T @ 3.10GHz	5048	882	78.89	\$64.00*
Intel Pentium Gold G5420 @ 3.80GHz	5407	821	62.40	\$86.66
Intel Pentium Gold G5500 @ 3.80GHz	5195	856	30.57	\$169.94*
Intel Pentium Gold G5500T @ 3.20GHz	4346	1023	57.95	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5664	783	53.97	\$104.96
Intel Pentium III 933S @ 933MHz	238	2842	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2781	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2796	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2741	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2760	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2757	NA	NA
Intel Pentium III Mobile 750MHz	103	2930	NA	NA
Intel Pentium III Mobile 800MHz	182	2894	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III Mobile 866MHz	152	2912	NA	NA
Intel Pentium III Mobile 933MHz	218	2858	7.55	\$28.99
Intel Pentium III Mobile 1000MHz	245	2833	NA	NA
Intel Pentium III Mobile 1066MHz	246	2832	NA	NA
Intel Pentium III Mobile 1133MHz	251	2826	NA	NA
Intel Pentium III Mobile 1200MHz	240	2840	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1817	NA	NA
Intel Pentium J2900 @ 2.41GHz	1973	1744	NA	NA
Intel Pentium J3710 @ 1.60GHz	1913	1776	NA	NA
Intel Pentium J4205 @ 1.50GHz	2271	1624	NA	NA
Intel Pentium M 1.10GHz	282	2787	NA	NA
Intel Pentium M 1.20GHz	298	2758	NA	NA
Intel Pentium M 1.30GHz	301	2751	NA	NA
Intel Pentium M 1.40GHz	345	2703	NA	NA
Intel Pentium M 1.50GHz	366	2680	NA	NA
Intel Pentium M 1.60GHz	364	2683	NA	NA
Intel Pentium M 1.70GHz	406	2628	NA	NA
Intel Pentium M 1.73GHz	413	2619	NA	NA
Intel Pentium M 1.80GHz	411	2621	NA	NA
Intel Pentium M 1.86GHz	439	2595	NA	NA
Intel Pentium M 2.00GHz	461	2570	NA	NA
Intel Pentium M 2.10GHz	448	2583	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 2.13GHz	502	2530	NA	NA
Intel Pentium M 2.26GHz	509	2526	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2549	NA	NA
Intel Pentium M 900MHz	217	2862	NA	NA
Intel Pentium M 1000MHz	233	2846	NA	NA
Intel Pentium M 1100MHz	259	2818	NA	NA
Intel Pentium M 1200MHz	237	2843	NA	NA
Intel Pentium M 1300MHz	303	2745	NA	NA
Intel Pentium M 1400MHz	320	2726	NA	NA
Intel Pentium M 1500MHz	354	2693	NA	NA
Intel Pentium M 1600MHz	335	2713	NA	NA
Intel Pentium M 1700MHz	376	2665	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1976	NA	NA
Intel Pentium N3520 @ 2.16GHz	1808	1831	NA	NA
Intel Pentium N3530 @ 2.16GHz	1912	1778	NA	NA
Intel Pentium N3540 @ 2.16GHz	1934	1765	7.71	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1837	1819	4.13	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1865	1802	NA	NA
Intel Pentium N4200 @ 1.10GHz	2037	1719	8.71	\$233.98*
Intel Pentium P6000 @ 1.87GHz	1243	2126	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	2071	46.64	\$28.44*
Intel Pentium P6200 @ 2.13GHz	1350	2058	30.04	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1388	2037	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2907	1398	13.22	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2461	1550	15.29	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2629	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium SU4100 @ 1.30GHz	853	2352	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2356	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2440	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2420	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2417	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2406	NA	NA
Intel Pentium T2330 @ 1.60GHz	831	2362	NA	NA
Intel Pentium T2370 @ 1.73GHz	847	2354	24.21	\$35.00*
Intel Pentium T2390 @ 1.86GHz	948	2300	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2277	NA	NA
Intel Pentium T3200 @ 2.00GHz	1032	2238	86.01	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1114	2192	12.39	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1151	2176	95.96	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1232	2130	NA	NA
Intel Pentium T4400 @ 2.20GHz	1284	2099	NA	NA
Intel Pentium T4500 @ 2.30GHz	1332	2067	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2369	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2297	NA	NA
Intel T1200 @ 1.50GHz	435	2601	NA	NA
Intel T1400 @ 1.73GHz	929	2313	NA	NA
Intel T1500 @ 1.86GHz	953	2296	NA	NA
Intel T2050 @ 2.00GHz	959	2293	NA	NA
Intel Xeon 2.00GHz	233	2845	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel XEON 2.20GHz	252	2824	NA	NA
Intel Xeon 2.40GHz	276	2799	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2600	NA	NA
Intel Xeon 2.80GHz	400	2641	NA	NA
Intel Xeon 3.00GHz	391	2654	NA	NA
Intel Xeon 3.06GHz	491	2536	NA	NA
Intel Xeon 3.20GHz	461	2571	NA	NA
Intel Xeon 3.40GHz	478	2553	NA	NA
Intel Xeon 3.60GHz	509	2525	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2234	NA	NA
Intel Xeon 3.80GHz	604	2468	0.71	\$851.00*
Intel Xeon 1500MHz	193	2884	NA	NA
Intel Xeon 3040 @ 1.86GHz	1278	2103	51.05	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2083	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1977	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1975	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1841	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1816	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1957	NA	NA
Intel Xeon 5110 @ 1.60GHz	1084	2214	30.99	\$35.00*
Intel Xeon 5120 @ 1.86GHz	1248	2125	0.77	\$1,619.99*
Intel Xeon 5130 @ 2.00GHz	1366	2047	43.44	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1945	NA	NA
Intel Xeon 5140 @ 2.33GHz	1635	1926	65.44	\$24.99*
Intel Xeon 5148 @ 2.33GHz	1590	1951	121.17	\$13.13*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 5150 @ 2.66GHz	1752	1855	12.53	\$139.95*
Intel Xeon 5160 @ 3.00GHz	1956	1752	52.18	\$37.49*
Intel Xeon @ 2.00GHz	11327	269	NA	NA
Intel Xeon @ 2.20GHz	1902	1783	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5582	795	23.27	\$239.87
Intel Xeon Bronze 3106 @ 1.70GHz	6890	657	15.18	\$454.00*
Intel Xeon D-1518 @ 2.20GHz	5322	838	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	775	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	644	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	521	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9643	386	27.71	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	577	13.54	\$571.00*
Intel Xeon D-1539 @ 1.60GHz	8443	504	17.37	\$486.00*
Intel Xeon D-1540 @ 2.00GHz	10740	298	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11064	279	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	302	19.24	\$555.00*
Intel Xeon D-1557 @ 1.50GHz	10950	288	15.78	\$694.00*
Intel Xeon D-1559 @ 1.50GHz	8055	535	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	178	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	190	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8150	526	38.26	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	229	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	197	24.41	\$566.00*
Intel Xeon D-2146NT @ 2.30GHz	10968	286	17.11	\$641.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-2183IT @ 2.20GHz	19381	82	10.99	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6243	717	124.90	\$49.99
Intel Xeon E3-1220 V2 @ 3.10GHz	6727	674	74.51	\$90.30
Intel Xeon E3-1220 v3 @ 3.10GHz	7167	630	17.48	\$409.95
Intel Xeon E3-1220 v5 @ 3.00GHz	7772	571	29.17	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7769	573	38.49	\$201.84
Intel Xeon E3-1220L @ 2.20GHz	3606	1183	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	1009	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2084	1701	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	6088	740	95.15	\$63.99*
Intel Xeon E3-1225 V2 @ 3.20GHz	6950	652	81.78	\$84.99
Intel Xeon E3-1225 v3 @ 3.20GHz	7242	623	47.03	\$153.99
Intel Xeon E3-1225 v5 @ 3.30GHz	7824	565	28.42	\$275.32
Intel Xeon E3-1225 v6 @ 3.30GHz	7958	553	32.48	\$245.01
Intel Xeon E3-1226 v3 @ 3.30GHz	7561	595	12.71	\$595.00*
Intel Xeon E3-1230 @ 3.20GHz	7861	558	37.61	\$209.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8867	467	113.69	\$78.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9320	415	43.35	\$215.00
Intel Xeon E3-1230 v5 @ 3.40GHz	9739	378	22.56	\$431.65*
Intel Xeon E3-1230 v6 @ 3.50GHz	9742	377	34.92	\$279.00
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	625	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9625	389	18.88	\$509.95
Intel Xeon E3-1235 @ 3.20GHz	7757	575	31.79	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	699	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1240 @ 3.30GHz	7974	551	77.43	\$102.99
Intel Xeon E3-1240 V2 @ 3.40GHz	9162	428	67.37	\$135.99
Intel Xeon E3-1240 v3 @ 3.40GHz	9671	384	25.16	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10362	321	30.33	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10458	317	36.30	\$288.10
Intel Xeon E3-1240L v3 @ 2.00GHz	7486	598	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	569	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10009	346	27.05	\$369.99
Intel Xeon E3-1245 @ 3.30GHz	8039	539	51.88	\$154.95
Intel Xeon E3-1245 V2 @ 3.40GHz	9128	431	35.80	\$255.00
Intel Xeon E3-1245 v3 @ 3.40GHz	9584	390	37.59	\$255.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10162	335	29.43	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10515	313	33.68	\$312.26
Intel Xeon E3-1246 v3 @ 3.50GHz	9866	366	24.12	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6266	715	73.18	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	329	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	5961	749	6.49	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7455	604	24.44	\$305.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9188	427	12.94	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	442	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	561	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	482	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8260	517	26.22	\$315.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9462	403	49.81	\$189.99
Intel Xeon E3-1270 v3 @ 3.50GHz	9919	360	49.60	\$199.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1270 v5 @ 3.60GHz	10297	323	27.14	\$379.41
Intel Xeon E3-1270 v6 @ 3.80GHz	11171	274	32.99	\$338.61
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	300	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10096	341	11.37	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8122	531	26.72	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9438	408	23.91	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	10048	344	25.06	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10367	319	24.97	\$415.13*
Intel Xeon E3-1275 v6 @ 3.80GHz	11028	281	29.86	\$369.28
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	463	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10209	331	9.51	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8448	503	25.43	\$332.20
Intel Xeon E3-1280 V2 @ 3.60GHz	9451	406	11.00	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9827	369	21.89	\$449.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	304	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11041	280	25.29	\$436.54
Intel Xeon E3-1281 v3 @ 3.70GHz	10276	327	11.71	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	316	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	315	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11992	254	26.65	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	353	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	287	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	361	11.80	\$839.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	398	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8768	476	9.91	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	383	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	709	NA	NA
Intel Xeon E3-1505L v6 @ 2.20GHz	7887	557	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8950	459	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9666	385	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	9952	357	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9345	411	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10558	310	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10294	326	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10614	307	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	297	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	337	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7265	620	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	605	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5571	798	278.73	\$19.99
Intel Xeon E5-1603 v3 @ 2.80GHz	6204	723	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	701	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5893	757	210.87	\$27.95*
Intel Xeon E5-1607 v2 @ 3.00GHz	6217	721	177.91	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	7039	640	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7256	621	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9069	438	139.54	\$65.00*
Intel Xeon E5-1620 v2 @ 3.70GHz	9499	397	161.04	\$58.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9747	376	60.92	\$159.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1620 v4 @ 3.50GHz	9933	359	29.73	\$334.13
Intel Xeon E5-1630 v3 @ 3.70GHz	10218	330	17.09	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10296	324	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11733	261	23.70	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12746	232	106.27	\$119.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13620	205	84.95	\$160.34
Intel Xeon E5-1650 v4 @ 3.60GHz	14226	186	28.01	\$508.00
Intel Xeon E5-1660 @ 3.30GHz	12273	245	10.01	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13808	199	7.63	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14678	172	9.08	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16203	135	13.18	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16235	133	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16442	124	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17122	112	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	95	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1207	113.71	\$30.99*
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1230	94.99	\$35.99*
Intel Xeon E5-2407 @ 2.20GHz	4188	1055	229.76	\$18.23*
Intel Xeon E5-2407 v2 @ 2.40GHz	4648	958	40.23	\$115.56*
Intel Xeon E5-2418L @ 2.00GHz	5202	854	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7063	639	18.11	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8691	484	72.15	\$120.46

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2430 @ 2.20GHz	7695	580	202.51	\$38.00*
Intel Xeon E5-2430 v2 @ 2.50GHz	9061	441	29.23	\$310.00*
Intel Xeon E5-2430L @ 2.00GHz	7834	562	242.71	\$32.28*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	686	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9221	424	230.59	\$39.99
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	416	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	457	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10196	332	156.90	\$64.99
Intel Xeon E5-2450L @ 1.80GHz	8261	516	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	11095	278	86.69	\$128.00
Intel Xeon E5-2470 v2 @ 2.40GHz	11268	271	77.19	\$145.99
Intel Xeon E5-2603 @ 1.80GHz	3580	1190	143.58	\$24.94*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1143	62.78	\$59.99*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	860	75.07	\$69.00*
Intel Xeon E5-2603 v4 @ 1.70GHz	5431	815	20.89	\$260.00*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	560	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4600	972	76.46	\$60.17
Intel Xeon E5-2609 v2 @ 2.50GHz	5160	862	35.52	\$145.26
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	755	9.53	\$619.07
Intel Xeon E5-2609 v4 @ 1.70GHz	6905	656	19.20	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	250	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	175	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7925	555	376.49	\$21.05
Intel Xeon E5-2620 v2 @ 2.10GHz	8618	488	56.79	\$151.75
Intel Xeon E5-2620 v3 @ 2.40GHz	9965	355	62.68	\$159.00
Intel Xeon E5-2620 v4 @ 2.10GHz	11337	268	29.53	\$383.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	451	13.85	\$649.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2623 v4 @ 2.60GHz	8506	498	15.50	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	409	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	242	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	222	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	282	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8923	461	105.29	\$84.75*
Intel Xeon E5-2630 v2 @ 2.60GHz	10365	320	235.89	\$43.94
Intel Xeon E5-2630 v3 @ 2.40GHz	12796	230	127.98	\$99.99
Intel Xeon E5-2630 v4 @ 2.20GHz	13910	193	21.08	\$659.99*
Intel Xeon E5-2630L @ 2.00GHz	8041	538	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	437	232.44	\$39.10
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	380	28.62	\$339.95*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	228	NA	NA
Intel Xeon E5-2637 @ 3.00GHz	4508	991	5.09	\$885.00*
Intel Xeon E5-2637 v2 @ 3.50GHz	9200	426	108.25	\$84.99*
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	339	32.64	\$309.99
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	314	9.82	\$1,069.95*
Intel Xeon E5-2640 @ 2.50GHz	9452	405	97.24	\$97.21
Intel Xeon E5-2640 v2 @ 2.00GHz	10189	334	54.46	\$187.11*
Intel Xeon E5-2640 v3 @ 2.60GHz	13893	194	79.40	\$174.99*
Intel Xeon E5-2640 v4 @ 2.40GHz	15420	155	16.76	\$920.27*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2643 @ 3.30GHz	8456	502	47.85	\$176.72
Intel Xeon E5-2643 v2 @ 3.50GHz	13117	220	117.64	\$111.50
Intel Xeon E5-2643 v3 @ 3.40GHz	13887	195	55.55	\$250.00
Intel Xeon E5-2643 v4 @ 3.40GHz	13475	213	8.24	\$1,634.99
Intel Xeon E5-2648L @ 1.80GHz	6698	679	NA	NA
Intel Xeon E5-2648L v2 @ 1.90GHz	11381	267	7.70	\$1,479.00*
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	266	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	202	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	173	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10264	328	148.76	\$69.00*
Intel Xeon E5-2650 v2 @ 2.60GHz	13225	217	183.56	\$72.05
Intel Xeon E5-2650 v3 @ 2.30GHz	14864	168	92.91	\$159.99
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	147	12.39	\$1,281.12*
Intel Xeon E5-2650L @ 1.80GHz	8550	494	108.24	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	364	72.74	\$135.84*
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	210	51.98	\$259.99
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	189	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	270	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9632	388	6.59	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	196	77.09	\$179.99*
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	130	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	17275	108	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11250	272	170.49	\$65.99
Intel Xeon E5-2660 v2 @ 2.20GHz	13134	219	71.46	\$183.82
Intel Xeon E5-2660 v3 @ 2.60GHz	16213	134	32.17	\$503.99
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	115	11.25	\$1,499.99*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	191	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11736	260	104.31	\$112.52
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2667 @ 2.90GHz	10655	305	201.09	\$52.99*
Intel Xeon E5-2667 v2 @ 3.30GHz	16158	137	44.88	\$359.99
Intel Xeon E5-2667 v3 @ 3.20GHz	16176	136	18.91	\$855.30*
Intel Xeon E5-2667 v4 @ 3.20GHz	16684	118	8.56	\$1,949.03*
Intel Xeon E5-2670 @ 2.60GHz	12372	240	176.75	\$70.00
Intel Xeon E5-2670 v2 @ 2.50GHz	15021	163	94.48	\$159.00
Intel Xeon E5-2670 v3 @ 2.30GHz	16647	120	55.49	\$300.00
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	129	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16401	127	23.43	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	53	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15137	161	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	102	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17078	113	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	21	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12904	227	189.58	\$68.07
Intel Xeon E5-2680 v2 @ 2.80GHz	15915	145	67.73	\$235.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18466	91	61.56	\$299.99
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	72	13.18	\$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	64	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17374	106	34.07	\$509.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	86	8.62	\$2,208.93*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	164	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	83	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	74	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14348	183	66.74	\$214.99
Intel Xeon E5-2687W v2 @ 3.40GHz	16426	125	49.03	\$335.00
Intel Xeon E5-2687W v3 @ 3.10GHz	17795	99	30.16	\$589.99
Intel Xeon E5-2687W v4 @ 3.00GHz	19855	73	9.13	\$2,174.99*
Intel Xeon E5-2689 @ 2.60GHz	13457	214	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	76	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13726	200	133.75	\$102.63
Intel Xeon E5-2690 v2 @ 3.00GHz	16406	126	35.67	\$460.00*
Intel Xeon E5-2690 v3 @ 2.60GHz	19249	84	77.94	\$246.99
Intel Xeon E5-2690 v4 @ 2.60GHz	21167	56	9.75	\$2,169.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	139	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15993	142	61.75	\$258.99
Intel Xeon E5-2695 v3 @ 2.30GHz	19710	79	19.52	\$1,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	66	11.20	\$1,809.00
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	121	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	40	9.00	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	55	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17202	109	45.32	\$379.62
Intel Xeon E5-2697 v3 @ 2.60GHz	21402	54	45.94	\$465.90
Intel Xeon E5-2697 v4 @ 2.30GHz	21506	52	7.04	\$3,054.99*
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	41	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	58	6.15	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	48	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	42	8.92	\$2,509.00*
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	35	3.94	\$5,954.79*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-4603 @ 2.00GHz	5014	891	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	423	NA	NA
Intel Xeon E5-4610 @ 2.40GHz	9552	393	7.81	\$1,223.00*
Intel Xeon E5-4610 v3 @ 1.70GHz	8853	468	7.26	\$1,219.00*
Intel Xeon E5-4617 @ 2.90GHz	9286	418	103.30	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	9113	434	67.91	\$134.21*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	177	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	153	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10701	299	3.92	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	233	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	277	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11685	263	166.96	\$69.99
Intel Xeon E5-4650L @ 2.60GHz	12145	251	101.22	\$119.99*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	243	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	146	11.36	\$1,399.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	148	3.30	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	203	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1326	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2157	1672	93.86	\$22.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3113 @ 3.00GHz	2427	1561	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1641	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	2029	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1562	27.31	\$88.78*
Intel Xeon E5310 @ 1.60GHz	2264	1627	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1612	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1531	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2907	1397	72.72	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2833	1420	70.92	\$39.95*
Intel Xeon E5410 @ 2.33GHz	3261	1271	15.61	\$208.95*
Intel Xeon E5420 @ 2.50GHz	3484	1216	55.35	\$62.95*
Intel Xeon E5430 @ 2.66GHz	3750	1150	33.79	\$110.99
Intel Xeon E5440 @ 2.83GHz	3963	1100	40.03	\$99.00*
Intel Xeon E5450 @ 3.00GHz	4182	1057	77.45	\$54.00*
Intel Xeon E5462 @ 2.80GHz	3871	1116	141.82	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4085	1076	136.00	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	2043	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1381	2040	4.81	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2680	1471	38.32	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2974	1371	47.21	\$63.01*
Intel Xeon E5507 @ 2.27GHz	3125	1323	6.84	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4379	1017	306.92	\$14.27*
Intel Xeon E5530 @ 2.40GHz	4497	994	18.28	\$246.00*
Intel Xeon E5540 @ 2.53GHz	4747	946	80.46	\$59.00*
Intel Xeon E5603 @ 1.60GHz	2366	1586	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1347	13.95	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3371	1245	48.71	\$69.21*
Intel Xeon E5620 @ 2.40GHz	4777	938	33.22	\$143.81*
Intel Xeon E5630 @ 2.53GHz	5055	881	144.43	\$35.00*
Intel Xeon E5640 @ 2.67GHz	5250	846	187.60	\$27.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5645 @ 2.40GHz	6424	704	61.14	\$105.08*
Intel Xeon E5649 @ 2.53GHz	6889	658	59.91	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1566	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	564	40.54	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9489	399	43.13	\$219.99*
Intel Xeon E-2124G @ 3.40GHz	9891	362	39.89	\$247.99
Intel Xeon E-2126G @ 3.30GHz	13570	206	45.24	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10882	292	39.14	\$278.03
Intel Xeon E-2136 @ 3.30GHz	15773	149	48.61	\$324.46*
Intel Xeon E-2144G @ 3.60GHz	11466	265	32.59	\$351.90*
Intel Xeon E-2146G @ 3.50GHz	15620	150	44.00	\$354.99*
Intel Xeon E-2174G @ 3.80GHz	12250	247	33.34	\$367.42*
Intel Xeon E-2176G @ 3.70GHz	15583	151	37.00	\$421.20
Intel Xeon E-2176M @ 2.70GHz	13527	208	30.06	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	16017	140	30.51	\$524.99*
Intel Xeon E-2186M @ 2.90GHz	14554	176	23.36	\$623.00*
Intel Xeon E-2224 @ 3.40GHz	10525	312	53.16	\$198.00*
Intel Xeon E-2224G @ 3.50GHz	10008	347	45.91	\$218.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2246G @ 3.60GHz	16714	116	53.74	\$311.00*
Intel Xeon E-2276M @ 2.80GHz	14727	171	32.73	\$450.00*
Intel Xeon E-2286M @ 2.40GHz	18421	92	29.57	\$623.00*
Intel Xeon E-2288G @ 3.70GHz	20367	65	NA	NA
Intel Xeon Gold 5117 @ 2.00GHz	16672	119	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16389	128	13.65	\$1,200.90*
Intel Xeon Gold 5120 @ 2.20GHz	18253	94	11.69	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	96	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10894	291	8.40	\$1,297.50*
Intel Xeon Gold 5218 @ 2.30GHz	22576	39	15.40	\$1,466.19
Intel Xeon Gold 6126 @ 2.60GHz	19711	78	10.27	\$1,918.96
Intel Xeon Gold 6128 @ 3.40GHz	14941	166	8.49	\$1,759.75*
Intel Xeon Gold 6130 @ 2.10GHz	19643	81	10.03	\$1,958.40
Intel Xeon Gold 6132 @ 2.60GHz	23907	31	9.92	\$2,408.95
Intel Xeon Gold 6134 @ 3.20GHz	18083	97	7.62	\$2,372.99*
Intel Xeon Gold 6136 @ 3.00GHz	21061	57	8.06	\$2,613.59*
Intel Xeon Gold 6138 @ 2.00GHz	25774	17	9.80	\$2,628.95
Intel Xeon Gold 6140 @ 2.30GHz	23964	30	9.82	\$2,439.99*
Intel Xeon Gold 6144 @ 3.50GHz	19654	80	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	23	5.46	\$4,608.95*
Intel Xeon Gold 6148 @ 2.40GHz	25817	16	8.83	\$2,925.00
Intel Xeon Gold 6152 @ 2.10GHz	23498	33	6.35	\$3,702.12*
Intel Xeon Gold 6154 @ 3.00GHz	27722	11	7.09	\$3,909.00*
Intel Xeon Gold 6210U @ 2.50GHz	28560	8	NA	NA
Intel Xeon Gold 6230 @ 2.10GHz	24600	24	12.21	\$2,013.99
Intel Xeon Gold 6242 @ 2.80GHz	25313	20	9.45	\$2,678.99
Intel Xeon L3110 @ 3.00GHz	2273	1623	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1145	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2065	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3943	1106	8.82	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1828	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5240 @ 3.00GHz	2271	1625	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1620	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1675	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1450	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3014	1355	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1246	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3501	1212	127.31	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3724	1156	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1161	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4324	1031	337.35	\$12.82*
Intel Xeon L5530 @ 2.40GHz	4389	1015	227.93	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4338	1027	206.69	\$20.99*
Intel Xeon L5638 @ 2.00GHz	5622	787	80.43	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6869	660	NA	NA
Intel Xeon L5640 @ 2.27GHz	6232	718	207.96	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1125	NA	NA
Intel Xeon MV 3.20GHz	683	2432	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Platinum 8124M @ 3.00GHz	26835	14	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	653	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	6	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	7	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	9	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	24434	28	2.80	\$8,725.00*
Intel Xeon Silver 4108 @ 1.80GHz	10838	296	21.25	\$509.95*
Intel Xeon Silver 4109T @ 2.00GHz	10946	289	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11706	262	29.41	\$398.00
Intel Xeon Silver 4112 @ 2.60GHz	8611	489	16.75	\$513.99*
Intel Xeon Silver 4114 @ 2.20GHz	14295	184	21.50	\$664.87*
Intel Xeon Silver 4116 @ 2.10GHz	15509	154	16.57	\$935.90
Intel Xeon Silver 4123 @ 3.00GHz	15185	159	NA	NA
Intel Xeon Silver 4208 @ 2.10GHz	13116	221	27.79	\$471.99
Intel Xeon Silver 4210 @ 2.20GHz	15974	143	29.04	\$550.00
Intel Xeon Silver 4214 @ 2.20GHz	17722	101	25.17	\$704.00*
Intel Xeon Silver 4215 @ 2.50GHz	15200	158	20.29	\$749.00*
Intel Xeon Silver 4216 @ 2.10GHz	17469	104	16.08	\$1,086.39
Intel Xeon W3503 @ 2.40GHz	1756	1850	175.85	\$9.99*
Intel Xeon W3505 @ 2.53GHz	1844	1811	74.18	\$24.86*
Intel Xeon W3520 @ 2.67GHz	4943	904	102.99	\$48.00*
Intel Xeon W3530 @ 2.80GHz	5222	851	17.77	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5412	817	271.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5568	799	185.67	\$29.99*
Intel Xeon W3565 @ 3.20GHz	5780	770	82.63	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6047	745	12.60	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6183	725	28.83	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8027	542	16.06	\$499.99*
Intel Xeon W3680 @ 3.33GHz	8912	462	55.72	\$159.95*
Intel Xeon W3690 @ 3.47GHz	8981	454	81.65	\$110.00
Intel Xeon W5580 @ 3.20GHz	5836	764	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6087	742	2.43	\$2,508.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2102 @ 2.90GHz	6961	648	29.62	\$235.05*
Intel Xeon W-2104 @ 3.20GHz	7475	600	29.32	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10675	303	26.61	\$401.19
Intel Xeon W-2125 @ 4.00GHz	12333	241	15.23	\$809.95*
Intel Xeon W-2133 @ 3.60GHz	14393	180	23.33	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16275	131	18.02	\$903.01
Intel Xeon W-2140B @ 3.20GHz	18610	88	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19771	75	16.57	\$1,192.99*
Intel Xeon W-2150B @ 3.00GHz	21543	51	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21872	47	14.29	\$1,530.39*
Intel Xeon W-2170B @ 2.50GHz	24561	25	NA	NA
Intel Xeon W-2175 @ 2.50GHz	24454	27	12.56	\$1,947.00*
Intel Xeon W-2195 @ 2.30GHz	24081	29	8.66	\$2,780.48*
Intel Xeon W-3175X @ 3.10GHz	33538	2	11.02	\$3,042.68
Intel Xeon W-3265 @ 2.70GHz	31691	4	9.46	\$3,349.00*
Intel Xeon X3210 @ 2.13GHz	2739	1455	14.75	\$185.71*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3220 @ 2.40GHz	3088	1334	51.35	\$60.15*
Intel Xeon X3230 @ 2.66GHz	3398	1235	47.53	\$71.50*
Intel Xeon X3320 @ 2.50GHz	3306	1263	14.41	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3174	1301	163.97	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3340	1255	15.91	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1131	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1122	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3935	1109	24.91	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3983	1092	116.85	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	1039	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	954	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3341	1253	44.15	\$75.68*
Intel Xeon X3440 @ 2.53GHz	4511	990	31.78	\$141.96*
Intel Xeon X3450 @ 2.67GHz	4749	944	59.40	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5147	863	14.42	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5332	835	35.86	\$148.70*
Intel Xeon X3480 @ 3.07GHz	5661	784	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1552	45.47	\$54.00*
Intel Xeon X5270 @ 3.50GHz	2553	1516	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1575	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3170	1303	10.23	\$309.95*
Intel Xeon X5365 @ 3.00GHz	3524	1206	45.19	\$77.99
Intel Xeon X5450 @ 3.00GHz	4105	1072	68.47	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4323	1032	94.01	\$45.99*
Intel Xeon X5470 @ 3.33GHz	4578	977	24.22	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4001	1088	17.78	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4529	988	45.30	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	919	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5274	843	17.30	\$304.85*
Intel Xeon X5560 @ 2.80GHz	5405	822	159.04	\$33.99*
Intel Xeon X5570 @ 2.93GHz	5619	789	318.03	\$17.67*
Intel Xeon X5647 @ 2.93GHz	5797	766	290.91	\$19.93*
Intel Xeon X5650 @ 2.67GHz	7304	618	248.55	\$29.39
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5660 @ 2.80GHz	7588	591	90.21	\$84.12*
Intel Xeon X5667 @ 3.07GHz	6198	724	265.70	\$23.33*
Intel Xeon X5670 @ 2.93GHz	7827	563	260.91	\$30.00
Intel Xeon X5672 @ 3.20GHz	6461	700	143.61	\$44.99*
Intel Xeon X5675 @ 3.07GHz	8004	545	102.64	\$77.99
Intel Xeon X5677 @ 3.47GHz	6773	666	177.87	\$38.08*
Intel Xeon X5679 @ 3.20GHz	8958	455	NA	NA
Intel Xeon X5680 @ 3.33GHz	8359	512	119.42	\$70.00
Intel Xeon X5687 @ 3.60GHz	6984	643	124.01	\$56.32*
Intel Xeon X5690 @ 3.47GHz	8797	470	71.53	\$123.00
Intel Xeon X5698 @ 4.40GHz	4272	1041	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1370	NA	NA
Mobile AMD Athlon 4	314	2735	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2690	NA	NA
Mobile AMD Athlon 64 2700+	398	2642	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon 64 2800+	440	2592	NA	NA
Mobile AMD Athlon 64 3000+	450	2580	NA	NA
Mobile AMD Athlon 64 3200+	448	2584	NA	NA
Mobile AMD Athlon 64 3400+	511	2523	NA	NA
Mobile AMD Athlon 64 3700+	435	2602	NA	NA
Mobile AMD Athlon 64 4000+	576	2484	NA	NA
Mobile AMD Athlon 1400+	266	2810	NA	NA
Mobile AMD Athlon 2500+	370	2674	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2811	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2664	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2764	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2534	NA	NA
Mobile AMD Athlon XP	572	2488	45.81	\$12.49
Mobile AMD Athlon XP-M	512	2522	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2892	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2814	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2816	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2722	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2759	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2707	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2753	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2684	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2702	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2700	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2673	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2682	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2681	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2593	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2540	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2527	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2772	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2763	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2712	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2671	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M (LV) 2800+	475	2556	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2529	NA	NA
Mobile AMD Sempron 2100+	252	2825	NA	NA
Mobile AMD Sempron 2600+	394	2648	NA	NA
Mobile AMD Sempron 2800+	361	2687	NA	NA
Mobile AMD Sempron 3000+	389	2658	NA	NA
Mobile AMD Sempron 3100+	416	2615	NA	NA
Mobile AMD Sempron 3200+	354	2694	NA	NA
Mobile AMD Sempron 3300+	446	2586	NA	NA
Mobile AMD Sempron 3400+	441	2591	NA	NA
Mobile AMD Sempron 3500+	408	2625	NA	NA
Mobile AMD Sempron 3600+	427	2609	NA	NA
Mobile AMD Sempron 3800+	485	2545	NA	NA
Mobile Intel Celeron 1.20GHz	170	2903	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Celeron 1.50GHz	188	2887	NA	NA
Mobile Intel Celeron 1.60GHz	188	2888	NA	NA
Mobile Intel Celeron 1.70GHz	181	2896	NA	NA
Mobile Intel Celeron 1.80GHz	186	2890	NA	NA
Mobile Intel Celeron 2.00GHz	204	2872	NA	NA
Mobile Intel Celeron 2.20GHz	226	2852	NA	NA
Mobile Intel Celeron 2.40GHz	236	2844	NA	NA
Mobile Intel Celeron 2.50GHz	281	2791	NA	NA
Mobile Intel Celeron 1200MHz	294	2765	NA	NA
Mobile Intel Celeron 1333MHz	280	2793	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2798	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2813	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2795	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2733	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2709	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2691	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2594	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2554	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2882	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2902	1.06	\$163.99
Mobile Intel Pentium 4 - M 1.80GHz	175	2899	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2847	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2877	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2879	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2863	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2820	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2737	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2866	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2878	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2828	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2770	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2853	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2771	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1538	NA	NA
Quad-Core AMD Opteron 1385	3442	1227	63.75	\$54.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Quad-Core AMD Opteron 1389	3446	1226	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1390	NA	NA
VIA C3 Ezra	100	2931	NA	NA
VIA C7 1500MHz	284	2782	NA	NA
VIA C7-D 1500MHz	287	2778	NA	NA
VIA C7-D 1800MHz	203	2874	NA	NA
VIA C7-D 2000MHz	368	2677	NA	NA
VIA C7-M 1000MHz	164	2905	NA	NA
VIA C7-M 1200MHz	140	2918	NA	NA
VIA C7-M 1600MHz	178	2898	NA	NA
VIA C7-M 6300MHz	222	2855	NA	NA
VIA Eden 800MHz	155	2909	NA	NA
VIA Eden 1000MHz	123	2926	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Eden 1200MHz	142	2917	NA	NA
VIA Eden C1050@1.06GHz	352	2697	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2552	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1262	2113	NA	NA
VIA Esther 1000MHz	146	2916	NA	NA
VIA Esther 1300MHz	250	2827	NA	NA
VIA Esther 1500MHz	219	2857	NA	NA
VIA Esther 2000MHz	394	2647	NA	NA
VIA Nano L1900@1400MHz	457	2574	NA	NA
VIA Nano L2007@1600MHz	369	2675	NA	NA
VIA Nano L2100@1800MHz	428	2607	NA	NA
VIA Nano L2207@1600MHz	296	2762	NA	NA
VIA Nano L3025@1600MHz	517	2519	NA	NA
VIA Nano L3050@1800MHz	581	2481	NA	NA
VIA Nano L3600@2000MHz	645	2448	NA	NA
VIA Nano U2250 (1.6GHz Capable)	415	2616	NA	NA
VIA Nano U2250@1300+MHz	274	2802	NA	NA
VIA Nano U2500@1200MHz	306	2744	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2531	NA	NA
VIA Nano U3300@1200MHz	409	2623	NA	NA
VIA Nano U3500@1000MHz	275	2800	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2466	NA	NA
VIA Nehemiah	155	2910	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1785	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	2051	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2160	NA	NA
VIA Samuel 2	79	2933	NA	NA
ZHAOXIN KaiXian KX-U6780A@2.7GHz	5760	774	NA	NA

* - Last price seen from our affiliates.

Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	323	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	144	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	429	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	435	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	481	NA	NA
[Dual CPU] AMD EPYC 7251 8-Core	12955	201	14.26	\$908.36
[Dual CPU] AMD EPYC 7261	12430	209	13.90	\$894.22
[Dual CPU] AMD EPYC 7281	13293	197	10.36	\$1,283.68
[Dual CPU] AMD EPYC 7371	19370	128	NA	NA
[Dual CPU] AMD EPYC 7401	23518	78	7.24	\$3,249.80
[Dual CPU] AMD EPYC 7451	28957	44	8.54	\$3,389.02
[Dual CPU] AMD EPYC 7501	28991	43	7.03	\$4,121.72
[Dual CPU] AMD EPYC 7551	31452	30	6.58	\$4,781.26
[Dual CPU] AMD EPYC 7601	33545	23	4.38	\$7,658.34
[Dual CPU] AMD EPYC 7742	56197	1	4.04	\$13,900.00*
[Dual CPU] AMD Opteron 246	1130	470	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	471	5.27	\$199.90

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 250	1438	466	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	467	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	476	NA	NA
[Dual CPU] AMD Opteron 256	1853	463	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	461	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	457	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	460	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	452	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2769	442	17.32	\$159.90
[Dual CPU] AMD Opteron 290	2716	444	10.06	\$270.00*
[Dual CPU] AMD Opteron 850	1410	468	0.47	\$3,028.00*
[Dual CPU] AMD Opteron 885	2851	438	NA	NA
[Dual CPU] AMD Opteron 2212	2203	458	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	453	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	451	NA	NA
[Dual CPU] AMD Opteron 2216	2485	450	48.16	\$51.60
[Dual CPU] AMD Opteron 2216 HE	2593	446	NA	NA
[Dual CPU] AMD Opteron 2218	2719	443	17.00	\$159.90
[Dual CPU] AMD Opteron 2218 HE	2514	447	NA	NA
[Dual CPU] AMD Opteron 2220	2854	437	17.85	\$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	436	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	433	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	427	45.30	\$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	417	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	424	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	418	25.50	\$159.90
[Dual CPU] AMD Opteron 2354	4554	405	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	408	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	387	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	415	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	401	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	388	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	386	14.85	\$358.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2380	5754	372	63.93	\$90.00
[Dual CPU] AMD Opteron 2384	5714	374	3.40	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	360	NA	NA
[Dual CPU] AMD Opteron 2389	5677	375	48.11	\$118.00*
[Dual CPU] AMD Opteron 2419	5191	390	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	361	NA	NA
[Dual CPU] AMD Opteron 2427	5907	370	36.94	\$159.90
[Dual CPU] AMD Opteron 2431	6438	354	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7068	339	18.70	\$378.00*
[Dual CPU] AMD Opteron 2439 SE	8071	309	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	419	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	377	24.58	\$229.90*
[Dual CPU] AMD Opteron 4170 HE	6344	357	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	355	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7813	314	7.51	\$1,039.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 4226	8088	308	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	311	NA	NA
[Dual CPU] AMD Opteron 4234	9361	275	20.35	\$459.98*
[Dual CPU] AMD Opteron 4274 HE	4214	412	52.69	\$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	267	NA	NA
[Dual CPU] AMD Opteron 4280	4525	406	45.25	\$100.00
[Dual CPU] AMD Opteron 4284	9151	277	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9456	274	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	246	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	256	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	229	40.57	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	346	178.04	\$37.98
[Dual CPU] AMD Opteron 6128 HE	5582	380	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	293	NA	NA
[Dual CPU] AMD Opteron 6134	7586	325	86.22	\$87.98*
[Dual CPU] AMD Opteron 6136	7255	333	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	393	NA	NA
[Dual CPU] AMD Opteron 6168	7741	320	92.15	\$84.00
[Dual CPU] AMD Opteron 6172	7621	324	19.24	\$396.00*
[Dual CPU] AMD Opteron 6174	7783	315	48.67	\$159.90
[Dual CPU] AMD Opteron 6176 SE	8448	298	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	430	16.40	\$189.90
[Dual CPU] AMD Opteron 6204	7134	335	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	287	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	242	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	260	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	249	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	9841	264	70.30	\$139.98
[Dual CPU] AMD Opteron 6274	10536	244	117.09	\$89.98
[Dual CPU] AMD Opteron 6275	10900	240	NA	NA
[Dual CPU] AMD Opteron 6276	10194	259	30.16	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	221	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	300	13.47	\$619.96
[Dual CPU] AMD Opteron 6320	10716	243	20.88	\$513.18
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6328	12013	220	10.09	\$1,190.00
[Dual CPU] AMD Opteron 6344	11203	234	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	228	18.64	\$612.20
[Dual CPU] AMD Opteron 6376	10405	248	80.04	\$130.00
[Dual CPU] AMD Opteron 6378	9145	278	24.07	\$380.00
[Dual CPU] AMD Opteron 6380	14200	180	120.34	\$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	214	42.05	\$289.98
[Dual CPU] AMD Opteron 8218	2831	439	61.54	\$46.00
[Dual CPU] AMD Opteron 8220	2510	448	15.70	\$159.90
[Dual CPU] AMD Opteron 8222 SE	2793	441	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	428	67.15	\$48.00
[Dual CPU] AMD Opteron 8380	5643	378	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	389	NA	NA
[Dual CPU] AMD Opteron 8389	6517	351	41.25	\$158.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 8431	5813	371	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	347	46.80	\$144.00*
[Dual CPU] AMD Opteron 8439 SE	7691	322	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	469	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	455	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	423	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	312	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	490	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	488	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	485	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	541	484	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	491	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	492	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	489	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	487	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	482	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	478	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	477	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	480	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	475	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	474	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	473	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	462	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	472	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	459	30.53	\$70.00*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2315	454	0.71	\$3,239.98*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	445	41.62	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	431	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2978	434	59.58	\$49.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	432	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3409	425	12.18	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3826	421	51.03	\$74.98*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8929	286	18.61	\$479.74
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11012	237	12.13	\$908.00*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	362	100.10	\$61.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	359	87.58	\$71.98*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	331	200.30	\$36.46*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	280	39.02	\$231.12*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11299	231	14.49	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	222	49.44	\$240.92
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	303	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13220	200	173.95	\$76.00*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	184	22.20	\$620.00*
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	10818	241	167.57	\$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	211	NA	NA
[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	12436	208	155.49	\$79.98
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	202	12.60	\$1,019.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2448L @ 1.80GHz	11334	230	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15680	164	120.63	\$129.98
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	15106	171	48.73	\$310.00
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11655	224	44.83	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	13442	194	52.51	\$256.00
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	135	63.61	\$291.98
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	358	127.11	\$49.88*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	350	54.34	\$119.98*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	299	60.64	\$138.00*
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8932	285	17.18	\$520.00*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8162	306	67.82	\$120.34
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	9001	282	30.98	\$290.52
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	262	8.10	\$1,238.14
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	238	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12250	213	290.97	\$42.10
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13233	199	43.60	\$303.50
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15262	169	47.99	\$318.00
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16453	153	21.42	\$767.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14339	179	11.05	\$1,298.00
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	205	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	177	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13502	193	79.66	\$169.50*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15942	159	181.41	\$87.88
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18475	139	92.38	\$199.98
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18736	134	14.19	\$1,319.98*
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11506	226	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	186	175.27	\$78.20
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	170	22.33	\$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7706	321	4.35	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15888	161	93.47	\$169.98*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16393	154	26.44	\$619.98
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16703	151	7.81	\$2,139.90*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14674	175	75.48	\$194.42
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14505	178	38.76	\$374.22*
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19894	121	56.84	\$349.98*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20530	115	11.15	\$1,840.54*
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13700	187	38.76	\$353.44
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20773	111	93.15	\$223.00
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21023	106	42.05	\$500.00
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	100	6.59	\$3,269.98
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12399	210	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	183	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	141	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15049	172	109.05	\$138.00*
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18932	132	131.38	\$144.10
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20346	117	63.59	\$319.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20740	112	8.09	\$2,562.24*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	13621	190	86.21	\$158.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14152	181	52.09	\$271.68*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	107	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13855	182	4.74	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	133	52.29	\$359.98*
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	127	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	143	4.85	\$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16378	155	124.09	\$131.98
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17795	142	48.40	\$367.64
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22577	92	22.40	\$1,007.98
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23225	83	7.74	\$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	84	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17036	148	75.70	\$225.04
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	69	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16358	156	154.35	\$105.98*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22624	89	31.42	\$719.98
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22589	90	13.21	\$1,710.60*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22916	86	5.88	\$3,898.06*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18168	140	129.77	\$140.00
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20611	114	64.81	\$318.00
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22298	95	37.16	\$600.00
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	80	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	21751	98	15.54	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	60	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19762	122	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21063	105	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	37	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18566	136	136.37	\$136.14
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21537	99	45.82	\$470.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24451	74	40.75	\$599.98
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22584	91	7.48	\$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	149	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21121	104	20.71	\$1,019.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	68	5.66	\$4,417.86*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	96	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26907	57	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	46	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20803	110	48.38	\$429.98
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23288	82	34.76	\$670.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24320	75	20.61	\$1,179.98
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	58	6.13	\$4,349.98*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19434	126	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	25703	65	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19645	123	95.71	\$205.26
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23666	77	25.72	\$920.00*
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25792	64	52.21	\$493.98
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27411	54	6.32	\$4,339.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20872	108	40.29	\$517.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	70	12.30	\$2,019.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	73	6.81	\$3,618.00
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23501	79	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	35	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31774	29	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23308	81	30.70	\$759.24
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27393	55	29.40	\$931.80
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30440	34	4.98	\$6,109.98*
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	29185	41	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	28325	50	4.14	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	33	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	27	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	76	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26341	61	5.25	\$5,018.00*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	21	2.86	\$11,909.58*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	113	NA	NA
[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz	15383	166	85.56	\$179.80*
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	125	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	160	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	129	35.31	\$544.08*
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	124	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18565	137	132.63	\$139.98
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	174	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	13742	185	57.26	\$239.98*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	93	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	53	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	215	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	163	NA	NA
[Dual CPU] Intel Xeon E7-4830 @ 2.13GHz	9539	273	147.66	\$64.60*
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	94	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	219	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15263	168	40.38	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10965	239	27.41	\$399.98*
[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz	10207	257	1.02	\$10,017.02*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	456	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	420	22.74	\$177.56*
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3554	422	36.27	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4166	414	53.75	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	396	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	404	128.28	\$35.54*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5120	392	64.02	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5138	391	64.31	\$79.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6010	367	14.38	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6348	356	50.42	\$125.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6832	345	30.78	\$221.98
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7127	336	35.99	\$198.00*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7501	328	69.45	\$108.00*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7093	338	129.91	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7769	317	129.31	\$60.08*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2492	449	13.12	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	440	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4878	400	34.87	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4990	395	39.60	\$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	383	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7300	332	255.78	\$28.54*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7576	326	15.40	\$492.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7752	318	65.69	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	416	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	381	12.57	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5947	369	42.96	\$138.42*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	7996	310	27.80	\$287.62*
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8329	301	118.99	\$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8662	292	154.73	\$55.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10245	255	48.75	\$210.16*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10265	253	44.63	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	382	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	385	29.87	\$179.98*
[Dual CPU] Intel Xeon E7540 @ 2.00GHz	6738	348	210.96	\$31.94*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	97	8.41	\$2,618.10*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21437	101	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	103	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22722	88	9.46	\$2,401.80*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	67	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17463	145	6.73	\$2,595.00*
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	56	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	22983	85	7.04	\$3,265.92*
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	131	7.83	\$2,442.00*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28610	48	7.45	\$3,837.92
[Dual CPU] Intel Xeon Gold 6126T @ 2.60GHz	20420	116	5.47	\$3,730.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22875	87	6.50	\$3,519.50*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26585	59	6.79	\$3,916.80
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	52	5.71	\$4,817.90
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	24666	72	5.20	\$4,745.98*
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29961	36	5.73	\$5,227.18*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	51	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34466	20	6.56	\$5,257.90
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	26	6.68	\$4,879.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	45	4.72	\$6,116.66*
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	29907	38	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28723	47	4.91	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29655	39	3.22	\$9,217.90*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36731	14	6.28	\$5,850.00
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32941	25	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33142	24	4.48	\$7,404.24*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	12	4.75	\$7,818.00*
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	29161	42	6.57	\$4,440.00*
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31379	31	4.66	\$6,737.66*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	33741	22	5.13	\$6,572.00*
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38755	8	6.16	\$6,291.90
[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz	37405	10	4.85	\$7,704.98
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41159	4	5.55	\$7,418.00
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	407	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	411	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	398	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	379	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	364	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	353	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	366	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	397	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	343	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6961	342	271.49	\$25.64*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7553	327	196.08	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	6973	341	166.10	\$41.98*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8693	290	62.18	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9607	270	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9663	268	161.21	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	483	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	486	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	479	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	464	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	16	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	37838	9	2.46	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	40	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	7	3.33	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36410	15	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	17	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	11	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	5	3.26	\$12,604.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	158	15.66	\$1,019.90*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16697	152	20.98	\$796.00
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	191	13.24	\$1,027.98*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19206	130	14.44	\$1,329.74*
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	102	11.45	\$1,871.80
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	120	19.96	\$1,002.00*
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz	25402	66	18.04	\$1,408.00*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10062	261	47.01	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10249	254	2.04	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	252	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)
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	402	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	403	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	399	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5738	373	9.26	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6203	363	39.77	\$155.98
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7437	329	62.02	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7824	313	85.06	\$91.98*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	307	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7776	316	17.28	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8175	305	40.88	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8682	291	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8758	288	14.36	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9002	281	132.42	\$67.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9279	276	262.56	\$35.34*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9642	269	241.90	\$39.86*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11256	232	191.49	\$58.78
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11645	225	69.22	\$168.24*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10288	251	220.49	\$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12082	216	201.37	\$60.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10320	250	114.69	\$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12447	206	79.80	\$155.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11160	235	146.53	\$76.16*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13428	195	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13349	196	95.35	\$140.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11757	223	104.38	\$112.64*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13673	188	55.58	\$246.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	297	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	349	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	289	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7542 @ 2.67GHz	8972	283	13.22	\$678.48*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	263	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11230	233	255.23	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	413	46.34	\$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	394	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	410	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	409	27.37	\$159.90
[Dual CPU] Quad-Core AMD Opteron 8378	5382	384	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	344	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	376	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	368	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	302	NA	NA
[Quad CPU] AMD Opteron 6136	9767	265	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	295	26.87	\$319.80
[Quad CPU] AMD Opteron 6272	12292	212	43.91	\$279.96
[Quad CPU] AMD Opteron 6274	10488	245	58.28	\$179.96
[Quad CPU] AMD Opteron 6276	15342	167	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	217	24.31	\$495.80
[Quad CPU] AMD Opteron 6282 SE	11044	236	4.31	\$2,560.00
[Quad CPU] AMD Opteron 6376	13257	198	50.99	\$260.00

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)
[Quad CPU] AMD Opteron 6378	20859	109	27.45	\$760.00
[Quad CPU] AMD Opteron 6380	12442	207	52.72	\$236.00
[Quad CPU] AMD Opteron 8360 SE	6490	352	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	365	NA	NA
[Quad CPU] AMD Opteron 8382	8553	296	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	330	NA	NA
[Quad CPU] AMD Opteron 8431	8252	304	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	337	24.65	\$288.00*
[Quad CPU] AMD Opteron 8439 SE	8943	284	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	465	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	426	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	150	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	14669	176	27.32	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	189	42.59	\$319.96*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	71	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	20036	119	18.41	\$1,088.16*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	17127	147	61.18	\$279.96
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	62	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650L @ 2.60GHz	18557	138	38.66	\$479.96*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	32	2.14	\$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	118	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4830 @ 2.13GHz	13606	192	105.31	\$129.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	157	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	19	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	49	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	28	NA	NA
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	36830	13	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	15433	165	96.48	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17398	146	131.84	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15016	173	19.86	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	204	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	162	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	340	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	319	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	258	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	271	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	279	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	63	5.04	\$5,190.00*
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	18	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	6	2.75	\$14,808.48*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	266	NA	NA
[Quad CPU] Intel Xeon L7555 @ 1.87GHz	10406	247	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	3	1.10	\$40,060.00*
[Quad CPU] Intel Xeon Platinum 8180M @ 2.50GHz	48904	2	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	272	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	218	4.24	\$2,835.80*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	294	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	227	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	12824	203	145.73	\$88.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Quad-Core AMD Opteron 8356	7170	334	22.42	\$319.80

* - Last price seen from our affiliates.

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