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CPU Benchmarks

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CPU List

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

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Single CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2662	NA	NA
AMD A4 Micro-6400T APU	1544	1856	NA	NA
AMD A4 PRO-3340B	2402	1464	NA	NA
AMD A4 PRO-7300B APU	2372	1476	NA	NA
AMD A4 PRO-7350B	2227	1537	NA	NA
AMD A4-1200 APU	635	2343	NA	NA
AMD A4-1250 APU	618	2350	NA	NA
AMD A4-3300 APU	1505	1877	50.19	\$29.99*
AMD A4-3300M APU	1185	2041	39.52	\$29.99*
AMD A4-3305M APU	1220	2022	39.61	\$30.81*
AMD A4-3310MX APU	1281	1989	NA	NA
AMD A4-3320M APU	1253	2004	36.99	\$33.90*
AMD A4-3330MX APU	1212	2027	NA	NA
AMD A4-3400 APU	1593	1840	18.12	\$87.95*
AMD A4-3420 APU	1672	1792	NA	NA
AMD A4-4000 APU	1827	1714	60.94	\$29.99*
AMD A4-4020 APU	1924	1662	22.38	\$86.00*
AMD A4-4300M APU	1605	1831	40.27	\$39.86*
AMD A4-4355M APU	1175	2047	NA	NA
AMD A4-5000 APU	1911	1669	NA	NA
AMD A4-5050 APU	2113	1580	NA	NA
AMD A4-5100 APU	2037	1612	NA	NA
AMD A4-5150M APU	1844	1705	NA	NA
AMD A4-5300 APU	2012	1624	12.21	\$164.89*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5300B APU	2131	1570	56.10	\$38.00*
AMD A4-6210 APU	2163	1559	NA	NA
AMD A4-6250J APU	2556	1409	NA	NA
AMD A4-6300 APU	2216	1539	42.21	\$52.50*
AMD A4-6300B APU	2129	1574	21.30	\$100.00*
AMD A4-6320 APU	2329	1488	33.29	\$69.99*
AMD A4-7210 APU	2511	1427	NA	NA
AMD A4-7300 APU	2297	1502	24.19	\$94.99*
AMD A4-9120	1972	1639	NA	NA
AMD A4-9125	2075	1599	NA	NA
AMD A6 Micro-6500T APU	1834	1712	NA	NA
AMD A6 PRO-7050B APU	1616	1825	NA	NA
AMD A6 PRO-7400B	2654	1373	NA	NA
AMD A6-1450 APU	1529	1861	NA	NA
AMD A6-3400M APU	1884	1687	62.88	\$29.97*
AMD A6-3410MX APU	2053	1607	514.77	\$3.99*
AMD A6-3420M APU	2001	1627	NA	NA
AMD A6-3430MX APU	2199	1548	NA	NA
AMD A6-3500 APU	2012	1625	50.32	\$39.99*
AMD A6-3600 APU	2703	1359	117.61	\$22.99*
AMD A6-3620 APU	2799	1328	46.67	\$59.99*
AMD A6-3650 APU	3153	1210	98.58	\$31.99*
AMD A6-3670 APU	3171	1200	22.65	\$140.00*
AMD A6-4400M APU	1637	1814	204.91	\$7.99*
AMD A6-4455M APU	1284	1986	NA	NA
AMD A6-5200 APU	2428	1452	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5345M APU	1476	1889	NA	NA
AMD A6-5350M APU	1912	1668	44.36	\$43.12*
AMD A6-5357M APU	1941	1653	NA	NA
AMD A6-5400B APU	2221	1538	21.15	\$105.04*
AMD A6-5400K APU	2151	1563	16.56	\$129.95*
AMD A6-6310 APU	2453	1445	NA	NA
AMD A6-6400B APU	2281	1512	NA	NA
AMD A6-6400K APU	2303	1498	16.46	\$139.95*
AMD A6-6420B APU	2612	1386	NA	NA
AMD A6-6420K APU	2361	1483	15.75	\$149.99*
AMD A6-7000	1671	1794	NA	NA
AMD A6-7310 APU	2663	1371	NA	NA
AMD A6-7400K APU	2780	1334	38.24	\$72.70*
AMD A6-7470K	2727	1354	11.22	\$243.00*
AMD A6-8500P	2202	1547	NA	NA
AMD A6-8550	3104	1223	NA	NA
AMD A6-9200	1718	1760	NA	NA
AMD A6-9210	1791	1726	NA	NA
AMD A6-9220	2177	1555	NA	NA
AMD A6-9220e	1608	1828	NA	NA
AMD A6-9225	2108	1584	NA	NA
AMD A6-9230	2102	1587	NA	NA
AMD A6-9500	3011	1252	51.77	\$58.18

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-9500E	2889	1303	47.37	\$60.99
AMD A8 PRO-7150B APU	2656	1372	NA	NA
AMD A8 PRO-7600B APU	4776	842	NA	NA
AMD A8-3500M APU	1972	1640	28.19	\$69.95*
AMD A8-3510MX APU	2370	1477	NA	NA
AMD A8-3520M APU	2172	1556	NA	NA
AMD A8-3530MX APU	2369	1479	NA	NA
AMD A8-3550MX APU	2610	1387	NA	NA
AMD A8-3800 APU	3023	1248	53.06	\$56.99*
AMD A8-3820 APU	3104	1224	24.84	\$124.99*
AMD A8-3850 APU	3467	1122	32.81	\$105.68*
AMD A8-3870K APU	3542	1102	70.86	\$49.99*
AMD A8-4500M APU	2667	1369	NA	NA
AMD A8-4555M APU	2117	1578	NA	NA
AMD A8-5500 APU	3991	990	70.65	\$56.50*
AMD A8-5500B APU	3984	992	NA	NA
AMD A8-5545M APU	2584	1397	NA	NA
AMD A8-5550M APU	3006	1256	NA	NA
AMD A8-5557M APU	2963	1271	NA	NA
AMD A8-5600K APU	4344	926	18.95	\$229.30*
AMD A8-6410 APU	2571	1403	NA	NA
AMD A8-6500 APU	4390	917	46.22	\$94.99*
AMD A8-6500B APU	4612	871	NA	NA
AMD A8-6500T APU	3221	1184	NA	NA
AMD A8-6600K APU	4585	878	47.28	\$96.99*
AMD A8-7050	1986	1634	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7100 APU	2805	1327	NA	NA
AMD A8-7200P	3319	1158	NA	NA
AMD A8-7410 APU	2736	1352	NA	NA
AMD A8-7600 APU	5070	782	63.39	\$79.99*
AMD A8-7650K	4927	818	54.77	\$89.96*
AMD A8-7670K	5078	779	31.52	\$161.10*
AMD A8-7680	5468	722	73.18	\$74.72*
AMD A8-8600P	3248	1175	NA	NA
AMD A8-8650	5470	721	NA	NA
AMD A8-9600	4995	803	73.48	\$67.99
AMD A9-9400	2319	1492	NA	NA
AMD A9-9410	2559	1408	NA	NA
AMD A9-9420	2335	1487	NA	NA
AMD A9-9420e	1871	1693	NA	NA
AMD A9-9425	2636	1379	NA	NA
AMD A9-9430	2543	1414	NA	NA
AMD A10 Micro-6700T APU	1970	1641	NA	NA
AMD A10 PRO-7350B APU	3187	1195	NA	NA
AMD A10 PRO-7800B APU	5057	788	NA	NA
AMD A10 PRO-7850B APU	5382	736	NA	NA
AMD A10-4600M APU	3113	1222	NA	NA
AMD A10-4655M APU	2600	1390	NA	NA
AMD A10-4657M APU	2906	1290	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-5700 APU	4212	951	65.31	\$64.50*
AMD A10-5745M APU	2763	1340	NA	NA
AMD A10-5750M APU	3348	1152	NA	NA
AMD A10-5757M APU	3084	1231	NA	NA
AMD A10-5800B APU	4625	868	NA	NA
AMD A10-5800K APU	4636	862	15.40	\$301.11*
AMD A10-6700 APU	4607	874	39.38	\$116.99*
AMD A10-6700T APU	3693	1066	25.02	\$147.61*
AMD A10-6790K APU	4712	850	49.62	\$94.99*
AMD A10-6800B APU	4991	804	NA	NA
AMD A10-6800K APU	4864	829	16.96	\$286.85*
AMD A10-7300 APU	2906	1292	NA	NA
AMD A10-7400P	3607	1081	NA	NA
AMD A10-7700K APU	5123	770	14.78	\$346.70*
AMD A10-7800 APU	4982	805	48.19	\$103.39*
AMD A10-7850K APU	5471	720	18.83	\$290.59*
AMD A10-7860K	5072	780	28.98	\$175.00*
AMD A10-7870K	5472	718	24.11	\$226.99*
AMD A10-7890K	5704	689	28.52	\$199.99*
AMD A10-8700P	3445	1126	NA	NA
AMD A10-8750	5072	781	NA	NA
AMD A10-8850	5598	705	NA	NA
AMD A10-9600P	3788	1037	NA	NA
AMD A10-9620P	3720	1056	NA	NA
AMD A10-9630P	4497	897	NA	NA
AMD A10-9700	5441	727	60.47	\$89.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9700E	4747	848	52.18	\$90.99*
AMD A12-9700P	3729	1055	NA	NA
AMD A12-9720P	3988	991	NA	NA
AMD A12-9730P	4472	901	NA	NA
AMD A12-9800	5520	715	50.19	\$109.99*
AMD A12-9800E	5104	772	42.54	\$119.99
AMD Athlon64 X2 Dual Core 4600+	1108	2084	NA	NA
AMD Athlon 4	279	2682	4.00	\$69.99
AMD Athlon 64 2000+	116	2816	NA	NA
AMD Athlon 64 2200+	575	2374	NA	NA
AMD Athlon 64 2600+	374	2557	NA	NA
AMD Athlon 64 2800+	438	2485	4.38	\$99.99*
AMD Athlon 64 3000+	463	2455	11.59	\$39.99*
AMD Athlon 64 3200+	492	2423	3.28	\$149.95*
AMD Athlon 64 3300+	576	2373	NA	NA
AMD Athlon 64 3400+	545	2386	NA	NA
AMD Athlon 64 3500+	540	2392	4.96	\$108.95*
AMD Athlon 64 3600+	601	2360	NA	NA
AMD Athlon 64 3700+	600	2361	8.70	\$69.00*
AMD Athlon 64 3800+	589	2364	3.28	\$179.95*
AMD Athlon 64 4000+	608	2354	50.76	\$11.99*
AMD Athlon 64 FX-25	794	2267	NA	NA
AMD Athlon 64 FX-34	380	2548	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-51	437	2486	NA	NA
AMD Athlon 64 FX-53	646	2335	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2300	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2295	NA	NA
AMD Athlon 64 FX-59	715	2303	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1988	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1846	NA	NA
AMD Athlon 64 FX-72	1794	1725	NA	NA
AMD Athlon 64 FX-74	1495	1883	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2182	NA	NA
AMD Athlon 64 X2 4200+	1285	1984	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2154	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	964	2176	16.07	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1000	2147	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1041	2124	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1097	2089	8.45	\$129.95*
AMD Athlon 64 X2 Dual Core 4400+	1146	2069	95.60	\$11.99*
AMD Athlon 64 X2 Dual Core 4600+	1219	2023	3.39	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1252	2005	4.89	\$256.32*
AMD Athlon 64 X2 Dual Core 5000+	1313	1964	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	1929	26.03	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1448	1901	27.33	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1484	1887	9.90	\$149.95*
AMD Athlon 64 X2 Dual Core 5800+	1528	1862	61.17	\$24.99*
AMD Athlon 64 X2 Dual Core 6000+	1604	1834	34.91	\$45.95*
AMD Athlon 64 X2 Dual Core 6400+	1790	1728	6.89	\$259.95*
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 BE-230	1095	2092	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2104	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2122	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2247	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2248	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2170	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2227	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2258	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2228	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	924	2205	NA	NA
AMD Athlon 64 X2 QL-60	920	2209	NA	NA
AMD Athlon 64 X2 QL-62	1008	2143	NA	NA
AMD Athlon 64 X2 QL-64	991	2159	NA	NA
AMD Athlon 64 X2 QL-65	1050	2119	NA	NA
AMD Athlon 64 X2 QL-66	947	2189	NA	NA
AMD Athlon 64 X2 QL-67	1006	2144	NA	NA
AMD Athlon 64 X2 TK-55	955	2183	NA	NA
AMD Athlon 64 X2 TK-57	988	2161	NA	NA
AMD Athlon 200GE	4946	815	82.46	\$59.99
AMD Athlon 240GE	5301	751	67.55	\$78.49*
AMD Athlon 1500+	294	2655	NA	NA
AMD Athlon 1640B	667	2327	13.34	\$50.00*
AMD Athlon 2000+	390	2544	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 2100+	412	2507	NA	NA
AMD Athlon 2200+	363	2574	4.55	\$79.99*
AMD Athlon 2400+	462	2458	NA	NA
AMD Athlon 2500+	374	2554	2.04	\$183.99*
AMD Athlon 2600+	444	2476	4.23	\$104.95*
AMD Athlon 2650e	409	2511	21.56	\$19.00*
AMD Athlon 2800+	447	2473	3.20	\$139.95*
AMD Athlon 2850e	504	2418	NA	NA
AMD Athlon 3100+	485	2436	NA	NA
AMD Athlon 3200+	458	2462	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	1978	76.13	\$16.98*
AMD Athlon 5150 APU	2103	1586	13.15	\$159.95*
AMD Athlon 5200 Dual-Core	1248	2008	41.64	\$29.99*
AMD Athlon 5350 APU	2606	1388	7.70	\$338.46*
AMD Athlon 5370 APU	2901	1299	45.54	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1900	NA	NA
AMD Athlon 7550 Dual-Core	1462	1895	24.37	\$60.00*
AMD Athlon 7750 Dual-Core	1570	1848	19.89	\$79.00*
AMD Athlon 7850 Dual-Core	1713	1766	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2665	NA	NA
AMD Athlon Dual Core 4050e	1086	2099	NA	NA
AMD Athlon Dual Core 4450B	1162	2057	37.49	\$31.00*
AMD Athlon Dual Core 4450e	1105	2087	NA	NA
AMD Athlon Dual Core 4850B	1391	1925	NA	NA
AMD Athlon Dual Core 4850e	1311	1966	33.63	\$39.00*
AMD Athlon Dual Core 5000B	1300	1971	13.69	\$95.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 5050e	1341	1951	22.36	\$60.00*
AMD Athlon Dual Core 5200B	1319	1963	NA	NA
AMD Athlon Dual Core 5400B	1411	1917	NA	NA
AMD Athlon Dual Core 5600B	1304	1969	NA	NA
AMD Athlon II 160u	560	2381	18.68	\$29.99*
AMD Athlon II 170u	625	2347	20.89	\$29.95*
AMD Athlon II Dual-Core M300	1115	2078	NA	NA
AMD Athlon II Dual-Core M320	1140	2071	38.03	\$30.00*
AMD Athlon II Dual-Core M340	1056	2117	NA	NA
AMD Athlon II N330 Dual-Core	1154	2062	NA	NA
AMD Athlon II N350 Dual-Core	1247	2010	NA	NA
AMD Athlon II N370 Dual-Core	1559	1852	NA	NA
AMD Athlon II Neo K125	473	2447	NA	NA
AMD Athlon II Neo K145	525	2400	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2275	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2239	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2271	NA	NA
AMD Athlon II P320 Dual-Core	1216	2024	40.62	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2007	27.82	\$44.95*
AMD Athlon II P360 Dual-Core	1319	1962	54.98	\$24.00*
AMD Athlon II X2 210e	1486	1886	NA	NA
AMD Athlon II X2 215	1572	1847	131.16	\$11.99*
AMD Athlon II X2 220	1632	1815	81.68	\$19.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 225	1526	1863	NA	NA
AMD Athlon II X2 235e	1658	1805	9.12	\$181.88*
AMD Athlon II X2 240	1644	1810	102.82	\$15.99*
AMD Athlon II X2 240e	1698	1777	48.60	\$34.95*
AMD Athlon II X2 245	1659	1802	47.47	\$34.95*
AMD Athlon II X2 245e	1706	1772	21.33	\$80.00*
AMD Athlon II X2 250	1742	1748	44.74	\$38.95*
AMD Athlon II X2 250e	1939	1655	25.28	\$76.73*
AMD Athlon II X2 250u	1000	2148	28.64	\$34.95*
AMD Athlon II X2 255	1839	1708	28.21	\$65.22*
AMD Athlon II X2 260	1873	1690	93.71	\$19.99*
AMD Athlon II X2 260u	1107	2085	13.28	\$83.44*
AMD Athlon II X2 265	1890	1682	22.81	\$82.88*
AMD Athlon II X2 270	1981	1636	82.59	\$23.99*
AMD Athlon II X2 270u	1350	1948	19.96	\$67.67*
AMD Athlon II X2 280	2129	1573	21.30	\$99.99*
AMD Athlon II X2 4300e	1350	1947	NA	NA
AMD Athlon II X2 4400e	1616	1824	NA	NA
AMD Athlon II X2 4450e	1504	1878	NA	NA
AMD Athlon II X2 B22	1711	1767	41.05	\$41.69*
AMD Athlon II X2 B24	1773	1733	52.00	\$34.10*
AMD Athlon II X2 B26	1897	1678	54.28	\$34.95*
AMD Athlon II X2 B28	2085	1595	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1626	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1617	25.32	\$79.99*
AMD Athlon II X3 415e	2247	1528	29.97	\$75.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 420e	2285	1509	19.68	\$116.15*
AMD Athlon II X3 425	2316	1494	85.81	\$26.99*
AMD Athlon II X3 425e	2239	1533	NA	NA
AMD Athlon II X3 435	2475	1440	82.53	\$29.99*
AMD Athlon II X3 440	2567	1405	95.14	\$26.99*
AMD Athlon II X3 445	2573	1401	28.28	\$91.00*
AMD Athlon II X3 450	2620	1384	74.99	\$34.95*
AMD Athlon II X3 455	2766	1337	70.96	\$38.99*
AMD Athlon II X3 460	2863	1308	73.45	\$38.99*
AMD Athlon II X4 553	3814	1031	NA	NA
AMD Athlon II X4 555	3830	1026	NA	NA
AMD Athlon II X4 559	4141	964	NA	NA
AMD Athlon II X4 600e	2453	1446	18.84	\$130.23*
AMD Athlon II X4 605e	2750	1347	27.01	\$101.80*
AMD Athlon II X4 610e	2790	1331	39.87	\$69.99*
AMD Athlon II X4 615e	2901	1298	49.17	\$59.00*
AMD Athlon II X4 620	2936	1280	41.95	\$69.99*
AMD Athlon II X4 620e	2906	1291	NA	NA
AMD Athlon II X4 630	3134	1216	72.91	\$42.99*
AMD Athlon II X4 631 Quad-Core	3153	1211	39.42	\$80.00*
AMD Athlon II X4 635	3238	1180	46.30	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1191	120.73	\$26.49*
AMD Athlon II X4 640	3313	1161	41.44	\$79.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 641 Quad-Core	3346	1153	36.57	\$91.50*
AMD Athlon II X4 645	3472	1119	69.47	\$49.99*
AMD Athlon II X4 650	3482	1116	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3575	1093	20.08	\$178.04*
AMD Athlon II X4 655	2998	1260	NA	NA
AMD Athlon II X4 6400e	2594	1392	NA	NA
AMD Athlon L110	303	2635	NA	NA
AMD Athlon LE-1600	567	2379	27.04	\$21.00*
AMD Athlon LE-1620	572	2375	31.80	\$18.00*
AMD Athlon LE-1640	627	2345	NA	NA
AMD Athlon LE-1660	688	2318	NA	NA
AMD Athlon MP	230	2736	4.20	\$54.95*
AMD Athlon MP 1700+	339	2597	NA	NA
AMD Athlon MP 2400+	436	2487	NA	NA
AMD Athlon MP 2800+	497	2421	NA	NA
AMD Athlon Neo MV-40	409	2512	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2146	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2274	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2252	NA	NA
AMD Athlon PRO 200GE	5204	759	NA	NA
AMD Athlon QI-46	473	2446	NA	NA
AMD Athlon TF-20	413	2505	NA	NA
AMD Athlon TF-36	395	2534	NA	NA
AMD Athlon X2 215	1543	1857	NA	NA
AMD Athlon X2 235e	1806	1721	NA	NA
AMD Athlon X2 240	1602	1835	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 240e	1670	1795	NA	NA
AMD Athlon X2 250	1696	1781	NA	NA
AMD Athlon X2 255	1627	1820	NA	NA
AMD Athlon X2 280	2303	1499	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1911	1670	38.23	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1527	NA	NA
AMD Athlon X2 440	1424	1911	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2273	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2150	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2208	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2082	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2025	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2006	NA	NA
AMD Athlon X2 Dual Core L310	644	2337	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2141	NA	NA
AMD Athlon X3 425	2191	1551	NA	NA
AMD Athlon X3 435	2574	1400	26.96	\$95.49*
AMD Athlon X3 440	2078	1597	23.62	\$87.99*
AMD Athlon X3 445	2314	1495	NA	NA
AMD Athlon X3 450	3064	1238	38.80	\$78.99*
AMD Athlon X3 455	2401	1466	NA	NA
AMD Athlon X4 605e	2505	1430	NA	NA
AMD Athlon X4 620	2861	1309	47.74	\$59.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X4 635	2891	1302	23.71	\$121.99*
AMD Athlon X4 640	3172	1199	NA	NA
AMD Athlon X4 740 Quad Core	4008	986	14.47	\$277.00*
AMD Athlon X4 750 Quad Core	4551	881	NA	NA
AMD Athlon X4 750K Quad Core	4253	942	55.25	\$76.99*
AMD Athlon X4 760K Quad Core	4595	875	109.48	\$41.98*
AMD Athlon X4 830	4701	853	NA	NA
AMD Athlon X4 840	5045	794	64.08	\$78.74*
AMD Athlon X4 845	5419	731	102.01	\$53.13*
AMD Athlon X4 860K	5422	730	99.50	\$54.50*
AMD Athlon X4 870K	5319	750	66.50	\$79.99*
AMD Athlon X4 880K	5536	711	55.37	\$99.99*
AMD Athlon X4 950	5259	753	84.43	\$62.29*
AMD Athlon XP1600+	281	2677	NA	NA
AMD Athlon XP1900+	353	2582	NA	NA
AMD Athlon XP2100+	287	2667	NA	NA
AMD Athlon XP2200+	401	2525	NA	NA
AMD Athlon XP2400+	374	2556	NA	NA
AMD Athlon XP 1500	282	2676	NA	NA
AMD Athlon XP 1500+	257	2707	NA	NA
AMD Athlon XP 1600+	267	2697	NA	NA
AMD Athlon XP 1700	344	2593	NA	NA
AMD Athlon XP 1700+	271	2693	NA	NA
AMD Athlon XP 1800+	300	2642	5.10	\$58.95*
AMD Athlon XP 1900+	312	2625	NA	NA
AMD Athlon XP 2000+	299	2643	12.00	\$24.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2100+	323	2609	NA	NA
AMD Athlon XP 2200+	328	2608	3.87	\$84.95*
AMD Athlon XP 2300+	464	2454	NA	NA
AMD Athlon XP 2400+	360	2576	4.01	\$89.99*
AMD Athlon XP 2500+	355	2579	NA	NA
AMD Athlon XP 2600+	372	2560	16.18	\$23.03*
AMD Athlon XP 2700+	393	2537	4.64	\$84.79*
AMD Athlon XP 2800+	400	2527	NA	NA
AMD Athlon XP 2900+	424	2501	NA	NA
AMD Athlon XP 3000+	402	2524	5.05	\$79.70*
AMD Athlon XP 3100+	433	2491	NA	NA
AMD Athlon XP 3200+	431	2493	NA	NA
AMD Athlon XP 3400+	570	2378	NA	NA
AMD Athlon XP Pro3+	367	2567	NA	NA
AMD Athlon XP-M	541	2391	15.48	\$34.95*
AMD C-30	310	2627	NA	NA
AMD C-50	462	2457	NA	NA
AMD C-60	466	2451	NA	NA
AMD C-60 APU	544	2388	NA	NA
AMD C-70 APU	559	2382	NA	NA
AMD E1 Micro-6200T APU	960	2180	NA	NA
AMD E1-1200 APU	656	2333	NA	NA
AMD E1-1500 APU	687	2319	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E1-2100 APU	639	2341	NA	NA
AMD E1-2200 APU	767	2278	NA	NA
AMD E1-2500 APU	889	2224	NA	NA
AMD E1-6010 APU	859	2233	NA	NA
AMD E1-6015 APU	898	2222	NA	NA
AMD E1-7010 APU	998	2149	NA	NA
AMD E2-1800 APU	817	2257	NA	NA
AMD E2-2000 APU	825	2253	NA	NA
AMD E2-3000 APU	1094	2095	NA	NA
AMD E2-3000M APU	1095	2093	54.77	\$20.00*
AMD E2-3200 APU	1394	1923	174.54	\$7.99*
AMD E2-3800 APU	1639	1813	NA	NA
AMD E2-6110 APU	1907	1671	NA	NA
AMD E2-7110 APU	2278	1513	NA	NA
AMD E2-9000	1661	1801	NA	NA
AMD E2-9000e	1358	1944	NA	NA
AMD E2-9010	1745	1746	NA	NA
AMD E2-9030	1515	1873	NA	NA
AMD E-240	317	2616	NA	NA
AMD E-300 APU	611	2353	NA	NA
AMD E-350	746	2289	NA	NA
AMD E-350 APU	761	2281	NA	NA
AMD E-350D APU	726	2297	NA	NA
AMD E-450 APU	767	2277	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1738	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1592	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Embedded G-Series GX-420GI Radeon R7E	2514	1424	NA	NA
AMD Embedded R-Series RX-216GD	2409	1461	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	783	NA	NA
AMD Embedded R-Series RX-421BD	4635	864	NA	NA
AMD EPYC 7251 8-Core	11344	224	22.83	\$496.99
AMD EPYC 7351	18061	76	15.37	\$1,174.99
AMD EPYC 7351P	15820	117	18.66	\$847.99
AMD EPYC 7371	21762	34	NA	NA
AMD EPYC 7401P	19555	59	16.71	\$1,169.99
AMD EPYC 7501	18942	65	5.21	\$3,632.99
AMD EPYC 7551	18483	70	5.11	\$3,613.99
AMD EPYC 7551P	18406	71	8.30	\$2,217.99
AMD FirePro A320 APU	4540	887	NA	NA
AMD FX-670K Quad-Core	4550	882	NA	NA
AMD FX-770K Quad-Core	4797	839	NA	NA
AMD FX-870K Quad Core	5029	797	NA	NA
AMD FX-4100 Quad-Core	4069	975	31.31	\$129.99*
AMD FX-4130 Quad-Core	4161	960	54.76	\$75.99*
AMD FX-4150 Quad-Core	4594	876	NA	NA
AMD FX-4170 Quad-Core	4866	826	48.67	\$99.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-4200 Quad-Core	4235	946	18.56	\$228.21*
AMD FX-4300 Quad-Core	4691	855	69.74	\$67.27*
AMD FX-4320	5006	801	NA	NA
AMD FX-4330	5321	749	NA	NA
AMD FX-4350 Quad-Core	5342	744	12.42	\$430.00*
AMD FX-6100 Six-Core	5387	735	21.29	\$253.00*
AMD FX-6120 Six-Core	5731	686	NA	NA
AMD FX-6130 Six-Core	6215	634	NA	NA
AMD FX-6200 Six-Core	6121	646	18.01	\$339.95*
AMD FX-6300 Six-Core	6388	620	91.28	\$69.99*
AMD FX-6330 Six-Core	6916	569	NA	NA
AMD FX-6350 Six-Core	7000	561	53.02	\$132.03*
AMD FX-7500 APU	3209	1188	NA	NA
AMD FX-7600P	4049	978	NA	NA
AMD FX-7600P APU	4627	867	NA	NA
AMD FX-8100 Eight-Core	5982	657	42.13	\$142.00*
AMD FX-8120 Eight-Core	6599	600	66.01	\$99.99*
AMD FX-8140 Eight-Core	6133	643	NA	NA
AMD FX-8150 Eight-Core	7630	502	5.28	\$1,445.01*
AMD FX-8300 Eight-Core	7729	491	69.02	\$112.00*
AMD FX-8310 Eight-Core	7760	487	NA	NA
AMD FX-8320 Eight-Core	8019	466	86.25	\$92.98*
AMD FX-8320E Eight-Core	7547	506	92.05	\$81.99*
AMD FX-8350 Eight-Core	8949	388	137.70	\$64.99
AMD FX-8370 Eight-Core	9031	381	37.21	\$242.72*
AMD FX-8370E Eight-Core	7804	483	41.29	\$189.00*
AMD FX-8800P	4136	966	NA	NA
AMD FX-9370 Eight-Core	9451	341	16.41	\$576.00*
AMD FX-9590 Eight-Core	10197	273	57.30	\$177.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-9800P	3977	995	NA	NA
AMD FX-9830P	4751	846	NA	NA
AMD FX-B4150 Quad-Core	4611	872	NA	NA
AMD G-T40E	467	2450	NA	NA
AMD G-T40N	516	2408	NA	NA
AMD G-T40R	203	2763	NA	NA
AMD G-T44R	227	2738	NA	NA
AMD G-T48E	724	2298	NA	NA
AMD G-T52R	308	2629	NA	NA
AMD G-T56E	751	2286	NA	NA
AMD G-T56N	793	2270	NA	NA
AMD Geode NX	264	2700	NA	NA
AMD Geode NX 1750	291	2656	NA	NA
AMD GX-210JA SOC	401	2526	NA	NA
AMD GX-212JC SOC	744	2291	NA	NA
AMD GX-217GA SOC	1103	2088	NA	NA
AMD GX-218GL SOC	1115	2077	NA	NA
AMD GX-222GC SOC	1255	2003	NA	NA
AMD GX-412HC	1497	1882	NA	NA
AMD GX-415GA SOC	1946	1652	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD GX-420CA SOC	2412	1459	NA	NA
AMD GX-424CC SOC	2491	1434	NA	NA
AMD K7	403	2521	NA	NA
AMD Opteron 140	396	2532	0.56	\$710.00*
AMD Opteron 142	428	2497	NA	NA
AMD Opteron 144	486	2433	7.48	\$65.00*
AMD Opteron 146	532	2397	8.87	\$59.99*
AMD Opteron 148	603	2359	NA	NA
AMD Opteron 150	604	2357	NA	NA
AMD Opteron 152	658	2329	NA	NA
AMD Opteron 154	703	2312	NA	NA
AMD Opteron 165	899	2221	1.47	\$610.00*
AMD Opteron 170	1097	2090	NA	NA
AMD Opteron 175	1167	2053	NA	NA
AMD Opteron 180	1234	2014	9.50	\$129.95*
AMD Opteron 185	1360	1940	NA	NA
AMD Opteron 246	632	2344	31.62	\$19.99*
AMD Opteron 248	476	2444	4.77	\$99.95*
AMD Opteron 250	649	2334	59.01	\$11.00*
AMD Opteron 252	760	2283	12.00	\$63.36*
AMD Opteron 254	693	2315	NA	NA
AMD Opteron 256	963	2177	50.72	\$19.00*
AMD Opteron 265	963	2178	6.02	\$159.95*
AMD Opteron 270	1083	2103	1.78	\$607.47*
AMD Opteron 275	1291	1980	19.87	\$64.99*
AMD Opteron 280	1176	2045	1.48	\$796.67*
AMD Opteron 285	1470	1891	NA	NA
AMD Opteron 290	1464	1894	10.85	\$135.00*
AMD Opteron 1210	923	2206	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1210 HE	971	2169	NA	NA
AMD Opteron 1212	1009	2142	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1967	NA	NA
AMD Opteron 1214	1191	2038	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1972	NA	NA
AMD Opteron 1216	1311	1965	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2051	NA	NA
AMD Opteron 1218	1468	1893	NA	NA
AMD Opteron 1218 HE	1444	1902	NA	NA
AMD Opteron 1220	1653	1807	NA	NA
AMD Opteron 1222	1757	1740	NA	NA
AMD Opteron 1352	2316	1493	17.04	\$135.99*
AMD Opteron 1354	2630	1380	8.49	\$309.97*
AMD Opteron 1356	2765	1339	30.73	\$89.99*
AMD Opteron 1381	3065	1237	NA	NA
AMD Opteron 2212	1270	1995	63.53	\$20.00*
AMD Opteron 2214	1358	1943	46.85	\$29.00*
AMD Opteron 2214 HE	1415	1915	NA	NA
AMD Opteron 2216	1518	1872	66.35	\$22.88*
AMD Opteron 2218	1594	1839	49.18	\$32.42*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2220	1701	1776	1.15	\$1,475.16*
AMD Opteron 2220 SE	1398	1920	55.92	\$25.00*
AMD Opteron 2222	1843	1706	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1665	NA	NA
AMD Opteron 2350	2820	1319	10.45	\$269.99*
AMD Opteron 2356	2814	1322	15.49	\$181.65*
AMD Opteron 2373 EE	2789	1332	NA	NA
AMD Opteron 2374 HE	2951	1275	15.53	\$189.99*
AMD Opteron 2376	2283	1510	13.69	\$166.81*
AMD Opteron 2378	3179	1198	17.76	\$179.00*
AMD Opteron 2380	2640	1377	58.69	\$45.00*
AMD Opteron 2384	3538	1103	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1104	NA	NA
AMD Opteron 2393 SE	2246	1529	NA	NA
AMD Opteron 2427	3069	1235	31.00	\$99.00*
AMD Opteron 2431	4516	893	112.91	\$40.00*
AMD Opteron 2435	4708	852	24.91	\$189.00*
AMD Opteron 3260 HE	3259	1169	NA	NA
AMD Opteron 3280	5403	732	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1367	NA	NA
AMD Opteron 3350 HE	4009	985	NA	NA
AMD Opteron 3365	5963	660	NA	NA
AMD Opteron 3380	6384	622	7.89	\$809.00*
AMD Opteron 4122	2942	1277	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1203	NA	NA
AMD Opteron 4170 HE	3664	1071	62.11	\$59.00*
AMD Opteron 4184	4418	912	8.50	\$519.95*
AMD Opteron 4280	6430	615	128.60	\$50.00*
AMD Opteron 4284	6660	594	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	702	NA	NA
AMD Opteron 4334	6099	648	28.18	\$216.42*
AMD Opteron 4365 EE	5025	798	NA	NA
AMD Opteron 4386	6761	583	48.30	\$139.99*
AMD Opteron 6128	4505	894	30.24	\$149.00*
AMD Opteron 6134	2938	1278	66.81	\$43.99*
AMD Opteron 6136	4631	865	42.10	\$110.00*
AMD Opteron 6164 HE	5351	741	NA	NA
AMD Opteron 6174	6171	638	62.34	\$99.00*
AMD Opteron 6176 SE	5465	723	34.37	\$159.00*
AMD Opteron 6212	5776	681	192.62	\$29.99*
AMD Opteron 6220	6785	579	113.11	\$59.99*
AMD Opteron 6234	5938	664	198.27	\$29.95*
AMD Opteron 6238	7673	498	127.92	\$59.99*
AMD Opteron 6272	6748	585	112.50	\$59.99*
AMD Opteron 6274	4865	828	105.80	\$45.99*
AMD Opteron 6276	8889	395	52.60	\$169.00*
AMD Opteron 6282 SE	9116	372	70.13	\$129.99*
AMD Opteron 6287 SE	9789	313	NA	NA
AMD Opteron 6328	7813	482	39.07	\$199.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6366 HE	7503	511	37.52	\$199.99*
AMD Opteron 6376	9414	346	30.37	\$310.00*
AMD Opteron 6378	2152	1562	10.76	\$199.99*
AMD Opteron 6380	10081	286	100.83	\$99.99*
AMD Opteron 6386 SE	10748	245	71.66	\$149.99*
AMD Opteron 8354	2255	1525	102.52	\$22.00*
AMD Opteron 8439 SE	3813	1032	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1239	NA	NA
AMD Opteron X3216 APU	2368	1480	NA	NA
AMD Opteron X3421 APU	4906	820	NA	NA
AMD Phenom 2 X4 12000	3005	1258	NA	NA
AMD Phenom 7950 Quad-Core	2991	1261	NA	NA
AMD Phenom 8250 Triple-Core	1644	1811	NA	NA
AMD Phenom 8250e Triple-Core	1619	1823	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1631	1817	NA	NA
AMD Phenom 8450 Triple-Core	1889	1685	63.09	\$29.95*
AMD Phenom 8450e Triple-Core	2040	1610	NA	NA
AMD Phenom 8600 Triple-Core	1706	1773	32.20	\$52.99*
AMD Phenom 8600B Triple-Core	1923	1663	36.29	\$52.99*
AMD Phenom 8650 Triple-Core	1989	1633	39.79	\$49.99*
AMD Phenom 8750 Triple-Core	2055	1606	NA	NA
AMD Phenom 8750B Triple-Core	2034	1613	NA	NA
AMD Phenom 8850 Triple-Core	2026	1616	NA	NA
AMD Phenom 8850B Triple-Core	2080	1596	NA	NA
AMD Phenom 9100e Quad-Core	1835	1711	45.96	\$39.95*
AMD Phenom 9150e Quad-Core	2112	1581	52.88	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1491	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1383	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2202	1546	75.98	\$28.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9550 Quad-Core	2543	1413	87.73	\$28.99*
AMD Phenom 9600 Quad-Core	2306	1497	46.17	\$49.95*
AMD Phenom 9600B Quad-Core	2573	1402	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2636	1378	47.97	\$54.95*
AMD Phenom 9750 Quad-Core	2811	1325	95.34	\$29.49*
AMD Phenom 9750B Quad-Core	2709	1358	NA	NA
AMD Phenom 9850 Quad-Core	2892	1301	24.11	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1207	NA	NA
AMD Phenom 9950 Quad-Core	3013	1251	22.33	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1422	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1276	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1078	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1112	NA	NA
AMD Phenom II N620 Dual-Core	1679	1787	420.83	\$3.99*
AMD Phenom II N640 Dual-Core	1716	1763	26.43	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1701	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1374	NA	NA
AMD Phenom II N830 Triple-Core	1890	1683	NA	NA
AMD Phenom II N850 Triple-Core	1935	1657	77.40	\$25.00*
AMD Phenom II N870 Triple-Core	1993	1630	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II N930 Quad-Core	2275	1514	17.51	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1437	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2521	1421	16.81	\$149.99*
AMD Phenom II P650 Dual-Core	1597	1837	45.66	\$35.00*
AMD Phenom II P820 Triple-Core	1604	1832	NA	NA
AMD Phenom II P840 Triple-Core	1741	1749	NA	NA
AMD Phenom II P860 Triple-Core	1759	1737	NA	NA
AMD Phenom II P920 Quad-Core	1866	1695	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1718	NA	NA
AMD Phenom II P960 Quad-Core	2085	1593	74.49	\$28.00*
AMD Phenom II X2 511	2104	1585	NA	NA
AMD Phenom II X2 521	2071	1600	NA	NA
AMD Phenom II X2 545	1914	1667	43.52	\$43.98*
AMD Phenom II X2 550	2023	1619	40.48	\$49.99*
AMD Phenom II X2 555	2046	1609	73.14	\$27.98*
AMD Phenom II X2 560	2058	1604	31.67	\$64.99*
AMD Phenom II X2 565	2211	1544	73.73	\$29.99*
AMD Phenom II X2 570	1960	1647	NA	NA
AMD Phenom II X2 B53	1709	1770	NA	NA
AMD Phenom II X2 B55	1918	1666	39.96	\$48.00*
AMD Phenom II X2 B57	1826	1716	NA	NA
AMD Phenom II X2 B59	2149	1564	110.34	\$19.48*
AMD Phenom II X3 700e	2242	1531	NA	NA
AMD Phenom II X3 705e	2227	1536	14.63	\$152.34*
AMD Phenom II X3 710	2446	1448	28.94	\$84.53*
AMD Phenom II X3 715	2649	1376	31.17	\$84.99*
AMD Phenom II X3 720	2670	1368	38.16	\$69.99*
AMD Phenom II X3 740	2985	1263	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1353	36.47	\$75.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 B75	2929	1283	73.25	\$39.99*
AMD Phenom II X3 B77	3067	1236	137.64	\$22.29*
AMD Phenom II X4 805	3001	1259	17.25	\$173.99*
AMD Phenom II X4 810	3122	1219	26.92	\$115.99*
AMD Phenom II X4 820	3396	1139	45.32	\$74.95*
AMD Phenom II X4 830	3434	1128	42.96	\$79.95*
AMD Phenom II X4 840	3507	1108	38.99	\$89.95*
AMD Phenom II X4 840T	3599	1084	51.43	\$69.99*
AMD Phenom II X4 850	3547	1100	54.59	\$64.99*
AMD Phenom II X4 900e	2882	1305	NA	NA
AMD Phenom II X4 905e	3087	1230	57.19	\$53.99*
AMD Phenom II X4 910	3252	1173	32.52	\$100.00*
AMD Phenom II X4 910e	3253	1171	20.72	\$156.99*
AMD Phenom II X4 920	3393	1141	34.28	\$98.99*
AMD Phenom II X4 925	3422	1130	77.79	\$43.99*
AMD Phenom II X4 940	3590	1086	60.50	\$59.34*
AMD Phenom II X4 945	3656	1073	56.29	\$64.95*
AMD Phenom II X4 955	3927	1009	30.17	\$130.16*
AMD Phenom II X4 960T	3785	1038	59.16	\$63.99*
AMD Phenom II X4 965	4187	956	47.04	\$89.01*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 970	4322	933	29.18	\$148.11*
AMD Phenom II X4 973	3759	1045	NA	NA
AMD Phenom II X4 975	4459	902	31.93	\$139.69*
AMD Phenom II X4 977	3750	1049	NA	NA
AMD Phenom II X4 980	4493	898	19.54	\$229.99*
AMD Phenom II X4 8700e	2377	1473	NA	NA
AMD Phenom II X4 B05e	2792	1329	NA	NA
AMD Phenom II X4 B15e	2736	1351	NA	NA
AMD Phenom II X4 B25	3330	1156	NA	NA
AMD Phenom II X4 B35	3383	1144	NA	NA
AMD Phenom II X4 B40	3361	1148	NA	NA
AMD Phenom II X4 B45	3470	1121	NA	NA
AMD Phenom II X4 B50	3697	1063	NA	NA
AMD Phenom II X4 B55	3857	1018	NA	NA
AMD Phenom II X4 B60	4043	979	NA	NA
AMD Phenom II X4 B65	4177	958	NA	NA
AMD Phenom II X4 B70	4261	940	NA	NA
AMD Phenom II X4 B93	3358	1149	NA	NA
AMD Phenom II X4 B95	3684	1070	50.50	\$72.95*
AMD Phenom II X4 B97	3865	1016	67.83	\$56.99*
AMD Phenom II X4 B99	4130	968	NA	NA
AMD Phenom II X6 1035T	4646	860	24.58	\$189.00*
AMD Phenom II X6 1045T	4805	837	44.49	\$108.01*
AMD Phenom II X6 1055T	4962	810	61.84	\$80.24*
AMD Phenom II X6 1065T	5048	792	NA	NA
AMD Phenom II X6 1075T	5337	746	47.24	\$112.99*
AMD Phenom II X6 1090T	5574	707	14.07	\$396.08*
AMD Phenom II X6 1100T	5720	687	32.23	\$177.49*
AMD Phenom II X6 1405T	5042	795	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X620 Dual-Core	2189	1552	NA	NA
AMD Phenom II X640 Dual-Core	2021	1620	NA	NA
AMD Phenom II X920 Quad-Core	2650	1375	NA	NA
AMD Phenom II X940 Quad-Core	2695	1361	NA	NA
AMD Phenom Ultra X4 24500	3945	1006	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1779	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1545	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1744	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2044	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1906	NA	NA
AMD Phenom X3 8550	1924	1661	11.33	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1739	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1629	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1534	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1300	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1356	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1362	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2029	NA	NA
AMD PRO A4-3350B APU	2274	1516	NA	NA
AMD PRO A4-8350B	2791	1330	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A6-7350B	2759	1343	NA	NA
AMD PRO A6-8500B	2516	1423	NA	NA
AMD PRO A6-8530B	2388	1469	NA	NA
AMD PRO A6-8550B	2985	1264	NA	NA
AMD PRO A6-8570	3049	1245	NA	NA
AMD PRO A6-8570E	2824	1317	NA	NA
AMD PRO A6-9500	3239	1179	43.77	\$74.00*
AMD PRO A6-9500B	2076	1598	NA	NA
AMD PRO A6-9500E	2760	1342	37.30	\$74.00*
AMD PRO A8-8600B	3544	1101	NA	NA
AMD PRO A8-8650B	5342	743	NA	NA
AMD PRO A8-8670E	5015	799	NA	NA
AMD PRO A8-9600	5277	752	44.35	\$119.00*
AMD PRO A8-9600B	3973	997	NA	NA
AMD PRO A10-8700B	3577	1092	NA	NA
AMD PRO A10-8730B	3971	998	NA	NA
AMD PRO A10-8750B	5473	717	NA	NA
AMD PRO A10-8770	5707	688	NA	NA
AMD PRO A10-8770E	5045	793	NA	NA
AMD PRO A10-8850B	5852	672	NA	NA
AMD PRO A10-9700	5677	696	33.59	\$169.00*
AMD PRO A10-9700B	4393	915	NA	NA
AMD PRO A10-9700E	5066	785	36.45	\$139.00*
AMD PRO A12-8800B	4137	965	NA	NA
AMD PRO A12-8830B	4325	931	NA	NA
AMD PRO A12-8870	6067	653	NA	NA
AMD PRO A12-8870E	5186	764	NA	NA
AMD PRO A12-9800	6154	641	36.42	\$169.00*
AMD PRO A12-9800B	4132	967	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A12-9800E	4769	844	28.22	\$169.00*
AMD QC-4000	1663	1799	NA	NA
AMD R-260H APU	1576	1844	NA	NA
AMD R-460L APU	1954	1649	NA	NA
AMD R-464L APU	3117	1221	NA	NA
AMD RX-427BB	4349	925	NA	NA
AMD Ryzen 3 1200	6740	586	79.30	\$84.99
AMD Ryzen 3 1300X	7498	512	55.55	\$134.99*
AMD Ryzen 3 2200G	7319	532	77.06	\$94.99
AMD Ryzen 3 2200GE	7035	558	NA	NA
AMD Ryzen 3 2200U	4537	890	NA	NA
AMD Ryzen 3 2300U	6267	630	NA	NA
AMD Ryzen 3 2300X	8481	424	NA	NA
AMD Ryzen 3 PRO 1200	7069	554	NA	NA
AMD Ryzen 3 PRO 1300	8022	465	NA	NA
AMD Ryzen 3 PRO 2200G	8042	462	NA	NA
AMD Ryzen 3 PRO 2200GE	7698	494	NA	NA
AMD Ryzen 3 PRO 2300U	7136	547	NA	NA
AMD Ryzen 5 1400	8363	434	55.76	\$149.99
AMD Ryzen 5 1500X	10078	287	69.51	\$144.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 1600	12272	203	76.71	\$159.99
AMD Ryzen 5 1600X	13224	178	73.47	\$179.99
AMD Ryzen 5 2400G	9290	354	66.36	\$139.99
AMD Ryzen 5 2400GE	7932	471	NA	NA
AMD Ryzen 5 2500U	7323	530	NA	NA
AMD Ryzen 5 2500X	9670	323	NA	NA
AMD Ryzen 5 2600	13544	173	79.68	\$169.99
AMD Ryzen 5 2600X	14371	146	71.86	\$199.99
AMD Ryzen 5 3550H	8513	422	NA	NA
AMD Ryzen 5 PRO 1500	10118	280	NA	NA
AMD Ryzen 5 PRO 1600	12213	206	NA	NA
AMD Ryzen 5 PRO 2400G	10015	293	NA	NA
AMD Ryzen 5 PRO 2400GE	9137	367	NA	NA
AMD Ryzen 5 PRO 2500U	8745	406	NA	NA
AMD Ryzen 5 PRO 2600	14645	137	NA	NA
AMD Ryzen 7 1700	13747	165	80.87	\$169.99
AMD Ryzen 7 1700X	14677	135	77.39	\$189.66*
AMD Ryzen 7 1800X	15406	121	56.03	\$274.99
AMD Ryzen 7 2700	15017	131	60.07	\$249.99
AMD Ryzen 7 2700U	7318	534	NA	NA
AMD Ryzen 7 2700X	16984	85	54.79	\$309.99
AMD Ryzen 7 2800H	8498	423	NA	NA
AMD Ryzen 7 PRO 1700	14171	151	NA	NA
AMD Ryzen 7 PRO 1700X	15349	123	NA	NA
AMD Ryzen 7 PRO 2700	15897	113	NA	NA
AMD Ryzen 7 PRO 2700U	8988	385	NA	NA
AMD Ryzen 7 PRO 2700X	17276	82	NA	NA
AMD Ryzen Embedded V1202B	5051	790	NA	NA
AMD Ryzen Embedded V1605B	7667	500	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Embedded V1807B	7529	508	NA	NA
AMD Ryzen Threadripper 1900X	16040	108	50.13	\$319.99
AMD Ryzen Threadripper 1920X	19337	60	44.44	\$435.10*
AMD Ryzen Threadripper 1950X	21914	31	38.11	\$574.99
AMD Ryzen Threadripper 2920X	22053	29	33.93	\$649.99
AMD Ryzen Threadripper 2950X	25663	13	29.50	\$869.99
AMD Ryzen Threadripper 2970WX	21111	42	21.11	\$999.99
AMD Ryzen Threadripper 2990WX	24017	20	13.88	\$1,729.99
AMD Ryzen Threadripper 2990X	18311	72	NA	NA
AMD Sempron 130	656	2332	26.29	\$24.99*
AMD Sempron 140	735	2293	18.57	\$39.59*
AMD Sempron 145	806	2265	47.50	\$16.98*
AMD Sempron 150	707	2308	15.74	\$44.95*
AMD Sempron 200U	267	2696	3.08	\$87.00*
AMD Sempron 210U	391	2542	NA	NA
AMD Sempron 240	2110	1582	36.39	\$58.00*
AMD Sempron 2100+	392	2540	NA	NA
AMD Sempron 2200+	281	2680	9.38	\$29.99*
AMD Sempron 2300+	318	2615	7.07	\$45.00*
AMD Sempron 2400+	314	2622	12.11	\$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	2599	3.54	\$94.95*
AMD Sempron 2600+	373	2558	10.70	\$34.95*
AMD Sempron 2650 APU	946	2190	22.25	\$42.56*
AMD Sempron 2800+	383	2546	6.40	\$59.95*
AMD Sempron 3000+	409	2513	20.47	\$20.00*
AMD Sempron 3100+	452	2467	7.53	\$60.00*
AMD Sempron 3200+	406	2515	3.10	\$131.22*
AMD Sempron 3300+	484	2438	8.07	\$60.00*
AMD Sempron 3400+	454	2466	3.46	\$131.22*
AMD Sempron 3500+	379	2549	18.98	\$20.00*
AMD Sempron 3600+	487	2431	40.59	\$12.00*
AMD Sempron 3800+	554	2384	3.62	\$152.92*
AMD Sempron 3850 APU	1716	1765	32.04	\$53.56*
AMD Sempron Dual Core 2100	936	2196	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2153	NA	NA
AMD Sempron Dual Core 2300	982	2162	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2188	NA	NA
AMD Sempron Dual Core 4900	1081	2105	NA	NA
AMD Sempron LE-250	490	2425	NA	NA
AMD Sempron LE-1100	438	2484	NA	NA
AMD Sempron LE-1150	445	2474	NA	NA
AMD Sempron LE-1200	528	2398	NA	NA
AMD Sempron LE-1250	541	2390	5.41	\$99.95*
AMD Sempron LE-1300	605	2355	30.28	\$20.00*
AMD Sempron LE-1600	535	2395	NA	NA
AMD Sempron LE-1620	635	2342	NA	NA
AMD Sempron LE-1640	759	2284	NA	NA
AMD Sempron M100	558	2383	46.58	\$12.00*
AMD Sempron M120	582	2368	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron SI-40	443	2477	36.93	\$12.00*
AMD Sempron SI-42	456	2465	15.22	\$30.01*
AMD Sempron X2 180	1222	2021	17.62	\$69.40*
AMD Sempron X2 190	1512	1875	18.12	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1916	NA	NA
AMD Turion 64 Mobile MK-36	465	2452	NA	NA
AMD Turion 64 Mobile MK-38	513	2409	NA	NA
AMD Turion 64 Mobile ML-28	390	2543	NA	NA
AMD Turion 64 Mobile ML-30	402	2523	NA	NA
AMD Turion 64 Mobile ML-32	409	2510	NA	NA
AMD Turion 64 Mobile ML-34	425	2500	NA	NA
AMD Turion 64 Mobile ML-37	442	2478	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2403	NA	NA
AMD Turion 64 Mobile ML-42	615	2351	NA	NA
AMD Turion 64 Mobile ML-44	591	2362	NA	NA
AMD Turion 64 Mobile MT-28	419	2502	NA	NA
AMD Turion 64 Mobile MT-30	378	2550	NA	NA
AMD Turion 64 Mobile MT-32	426	2499	NA	NA
AMD Turion 64 Mobile MT-34	429	2495	NA	NA
AMD Turion 64 Mobile MT-37	484	2437	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-40	536	2393	NA	NA
AMD Turion 64 X2 Mobile TL-50	745	2290	14.92	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2279	NA	NA
AMD Turion 64 X2 Mobile TL-56	889	2225	44.49	\$20.00*
AMD Turion 64 X2 Mobile TL-58	945	2191	NA	NA
AMD Turion 64 X2 Mobile TL-60	993	2157	45.28	\$21.95*
AMD Turion 64 X2 Mobile TL-62	1087	2098	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1094	2094	27.78	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2070	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2055	12.92	\$90.00*
AMD Turion Dual-Core RM-70	904	2219	36.16	\$25.00*
AMD Turion Dual-Core RM-72	860	2232	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2139	NA	NA
AMD Turion Dual-Core RM-75	977	2165	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1294	1977	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	1968	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1954	NA	NA
AMD Turion II N530 Dual-Core	1583	1843	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1864	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2166	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2040	NA	NA
AMD Turion II Neo N40L Dual-Core	929	2201	NA	NA
AMD Turion II Neo N54L Dual-Core	1361	1939	NA	NA
AMD Turion II P520 Dual-Core	1357	1945	NA	NA
AMD Turion II P540 Dual-Core	1429	1907	28.62	\$49.95*
AMD Turion II P560 Dual-Core	1514	1874	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	1918	78.98	\$17.81*
AMD Turion II Ultra Dual-Core Mobile M620	1427	1909	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1796	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II Ultra Dual-Core Mobile M660	1533	1860	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2262	NA	NA
AMD Turion X2 Dual Core L510	923	2207	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2235	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2114	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	993	2158	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1083	2102	4.83	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2113	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1137	2072	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2064	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1012	2140	72.31	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2101	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	2026	63.91	\$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2015	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1976	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1232	2018	30.86	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2152	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2132	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1899	NA	NA
AMD V105	299	2644	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD V120	623	2349	NA	NA
AMD V140	642	2339	12.86	\$49.95*
AMD V160	677	2325	NA	NA
AMD Z-01	523	2402	NA	NA
AMD Z-60 APU	500	2420	NA	NA
AMD-K6 3D	90	2820	NA	NA
AMD-K6-III	108	2817	NA	NA
AMD-K7	403	2522	NA	NA
Athlon 64 Dual Core 3800+	1234	2016	NA	NA
Athlon 64 Dual Core 4200+	1156	2061	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	1934	NA	NA
Athlon 64 Dual Core 5000+	1507	1876	NA	NA
Athlon 64 Dual Core 5400+	1614	1826	NA	NA
Athlon 64 Dual Core 5600+	1548	1855	NA	NA
Athlon Dual Core 4050e	968	2172	NA	NA
Athlon Dual Core 4450e	1204	2031	NA	NA
Athlon Dual Core 4850e	1327	1958	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1313	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1084	2100	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1169	2052	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1201	2034	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	1992	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2030	NA	NA
HP Hexa-Core 2.0GHz	2178	1554	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2237	NA	NA
Intel 1400 @ 1.83GHz	980	2163	NA	NA
Intel 1500 @ 2.00GHz	1024	2134	NA	NA
Intel Atom 230 @ 1.60GHz	306	2631	NA	NA
Intel Atom 330 @ 1.60GHz	587	2366	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C2338 @ 1.74GHz	898	2223	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2179	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1594	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1523	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1557	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	1034	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1154	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1206	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1444	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1415	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	831	14.62	\$332.00*
Intel Atom D410 @ 1.66GHz	301	2640	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2592	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2331	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	705	2310	NA	NA
Intel Atom D2500 @ 1.86GHz	404	2520	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2323	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2304	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2246	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2301	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom E660 @ 1.30GHz	271	2691	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2589	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2605	2.22	\$149.00*
Intel Atom E3825 @ 1.33GHz	579	2371	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2427	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2242	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2056	NA	NA
Intel Atom E3845 @ 1.91GHz	1499	1880	NA	NA
Intel Atom E3940 @ 1.60GHz	1889	1684	NA	NA
Intel Atom E3950 @ 1.60GHz	1855	1699	NA	NA
Intel Atom K510 @ 1.66GHz	658	2330	NA	NA
Intel Atom N270 @ 1.60GHz	269	2695	NA	NA
Intel Atom N280 @ 1.66GHz	283	2673	NA	NA
Intel Atom N435 @ 1.33GHz	261	2703	NA	NA
Intel Atom N450 @ 1.66GHz	296	2651	NA	NA
Intel Atom N455 @ 1.66GHz	283	2672	NA	NA
Intel Atom N470 @ 1.83GHz	307	2630	NA	NA
Intel Atom N475 @ 1.83GHz	314	2621	NA	NA
Intel Atom N550 @ 1.50GHz	526	2399	6.12	\$86.00*
Intel Atom N570 @ 1.66GHz	571	2377	6.65	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2636	NA	NA
Intel Atom N2600 @ 1.60GHz	525	2401	NA	NA
Intel Atom N2800 @ 1.86GHz	626	2346	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2211	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1611	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2263	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1623	1821	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1194	2036	8.98	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1018	2137	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom x5-Z8350 @ 1.44GHz	1266	1998	60.29	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1696	1780	27.12	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1837	1710	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1898	1676	25.79	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1903	1673	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2771	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2747	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2750	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2679	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2586	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2547	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2727	NA	NA
Intel Atom Z2760 @ 1.80GHz	565	2380	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2212	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2203	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2218	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2216	NA	NA
Intel Atom Z3736F @ 1.33GHz	919	2210	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	2112	NA	NA
Intel Atom Z3740D @ 1.33GHz	1025	2133	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3745 @ 1.33GHz	1079	2108	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1034	2126	NA	NA
Intel Atom Z3770 @ 1.46GHz	1245	2012	8.34	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2266	NA	NA
Intel Atom Z3775 @ 1.46GHz	1258	2000	35.95	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1990	NA	NA
Intel Atom Z3795 @ 1.60GHz	1770	1735	NA	NA
Intel Celeron 1.70GHz	130	2810	NA	NA
Intel Celeron 1.80GHz	136	2807	NA	NA
Intel Celeron 2.00GHz	182	2783	NA	NA
Intel Celeron 2.10GHz	244	2725	NA	NA
Intel Celeron 2.13GHz	208	2758	NA	NA
Intel Celeron 2.20GHz	213	2753	NA	NA
Intel Celeron 2.26GHz	223	2742	NA	NA
Intel Celeron 2.30GHz	227	2739	NA	NA
Intel Celeron 2.40GHz	217	2748	NA	NA
Intel Celeron 2.50GHz	247	2719	NA	NA
Intel Celeron 2.53GHz	245	2723	NA	NA
Intel Celeron 2.60GHz	238	2730	NA	NA
Intel Celeron 2.66GHz	250	2716	NA	NA
Intel Celeron 2.70GHz	245	2724	NA	NA
Intel Celeron 2.80GHz	254	2709	NA	NA
Intel Celeron 2.93GHz	283	2671	NA	NA
Intel Celeron 3.06GHz	285	2668	NA	NA
Intel Celeron 3.20GHz	288	2661	NA	NA
Intel Celeron 3.33GHz	333	2602	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2611	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2614	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2469	11.26	\$39.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 430 @ 1.80GHz	490	2426	9.13	\$53.75*
Intel Celeron 440 @ 2.00GHz	546	2385	9.11	\$59.99*
Intel Celeron 450 @ 2.20GHz	624	2348	20.82	\$29.99*
Intel Celeron 530 @ 1.73GHz	468	2449	20.37	\$23.00*
Intel Celeron 540 @ 1.86GHz	518	2404	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2406	7.96	\$64.95*
Intel Celeron 560 @ 2.13GHz	535	2394	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2405	NA	NA
Intel Celeron 600MHz	147	2803	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2518	NA	NA
Intel Celeron 743 @ 1.30GHz	429	2494	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2287	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2564	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2352	NA	NA
Intel Celeron 847 @ 1.10GHz	937	2195	2.98	\$315.00*
Intel Celeron 847E @ 1.10GHz	1030	2128	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2068	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2050	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1290	1981	NA	NA
Intel Celeron 887 @ 1.50GHz	1274	1993	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 900 @ 2.20GHz	678	2324	23.41	\$28.99*
Intel Celeron 925 @ 2.30GHz	695	2314	NA	NA
Intel Celeron 1000M @ 1.80GHz	1677	1789	NA	NA
Intel Celeron 1000MHz	213	2752	NA	NA
Intel Celeron 1005M @ 1.90GHz	1806	1720	NA	NA
Intel Celeron 1007U @ 1.50GHz	1391	1926	7.52	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1520	1866	NA	NA
Intel Celeron 1019Y @ 1.00GHz	931	2199	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1535	NA	NA
Intel Celeron 1037U @ 1.80GHz	1735	1754	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2039	NA	NA
Intel Celeron 1066MHz	259	2705	NA	NA
Intel Celeron 1100MHz	174	2789	NA	NA
Intel Celeron 1133MHz	282	2674	NA	NA
Intel Celeron 1200MHz	244	2726	NA	NA
Intel Celeron 1300MHz	288	2663	NA	NA
Intel Celeron 1333MHz	290	2657	NA	NA
Intel Celeron 1400MHz	302	2637	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1482	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1829	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1997	1628	NA	NA
Intel Celeron 2955U @ 1.40GHz	1420	1913	NA	NA
Intel Celeron 2957U @ 1.40GHz	1437	1905	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2080	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1496	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1841	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1845	NA	NA
Intel Celeron 3205U @ 1.50GHz	1494	1884	5.21	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1648	1808	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3755U @ 1.70GHz	1702	1775	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1632	NA	NA
Intel Celeron 3855U @ 1.60GHz	1662	1800	NA	NA
Intel Celeron 3865U @ 1.80GHz	1940	1654	NA	NA
Intel Celeron 3955U @ 2.00GHz	1879	1688	NA	NA
Intel Celeron 3965U @ 2.20GHz	2411	1460	22.54	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1630	1818	15.23	\$107.00*
Intel Celeron @ 1.30GHz	965	2173	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2777	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2259	NA	NA
Intel Celeron B800 @ 1.50GHz	1274	1994	NA	NA
Intel Celeron B810 @ 1.60GHz	1425	1910	NA	NA
Intel Celeron B815 @ 1.60GHz	1362	1938	NA	NA
Intel Celeron B820 @ 1.70GHz	1428	1908	36.36	\$39.29*
Intel Celeron B830 @ 1.80GHz	1518	1870	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1759	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2694	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2638	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2618	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2601	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron D 365 @ 3.60GHz	404	2519	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2440	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2367	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2236	7.80	\$109.95*
Intel Celeron E1400 @ 2.00GHz	1046	2120	11.64	\$89.95*
Intel Celeron E1500 @ 2.20GHz	1176	2046	59.85	\$19.65*
Intel Celeron E1600 @ 2.40GHz	1255	2002	NA	NA
Intel Celeron E3200 @ 2.40GHz	1392	1924	26.78	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1386	1927	22.22	\$62.43*
Intel Celeron E3400 @ 2.60GHz	1439	1903	29.89	\$48.15*
Intel Celeron E3500 @ 2.70GHz	1454	1898	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	690	2317	13.81	\$49.99*
Intel Celeron G460 @ 1.80GHz	1029	2129	66.89	\$15.39*
Intel Celeron G465 @ 1.90GHz	1064	2111	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	1974	NA	NA
Intel Celeron G530 @ 2.40GHz	2132	1568	53.34	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1761	NA	NA
Intel Celeron G540 @ 2.50GHz	2199	1549	48.87	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1579	NA	NA
Intel Celeron G550 @ 2.60GHz	2286	1508	114.37	\$19.99*
Intel Celeron G550T @ 2.20GHz	2063	1602	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1456	60.57	\$40.00*
Intel Celeron G1101 @ 2.27GHz	1667	1797	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2489	1435	99.63	\$24.99*
Intel Celeron G1610T @ 2.30GHz	2286	1507	57.11	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2576	1399	16.78	\$153.59*
Intel Celeron G1620T @ 2.40GHz	2353	1485	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1433	49.89	\$49.99*
Intel Celeron G1820 @ 2.70GHz	2753	1346	30.60	\$89.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1820T @ 2.40GHz	2505	1429	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1569	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1412	26.80	\$94.95*
Intel Celeron G1840 @ 2.80GHz	2861	1310	21.89	\$130.71*
Intel Celeron G1840T @ 2.50GHz	2605	1389	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1289	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3152	1212	70.08	\$44.99
Intel Celeron G3900E @ 2.40GHz	2679	1366	NA	NA
Intel Celeron G3900T @ 2.60GHz	2919	1287	NA	NA
Intel Celeron G3900TE @ 2.30GHz	2591	1394	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1218	39.05	\$79.98*
Intel Celeron G3930 @ 2.90GHz	3039	1246	59.39	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1338	32.17	\$85.99*
Intel Celeron G3950 @ 3.00GHz	3006	1257	42.21	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3262	1168	47.97	\$68.00*
Intel Celeron G4900T @ 2.90GHz	2960	1272	NA	NA
Intel Celeron G4920 @ 3.20GHz	3150	1213	47.02	\$66.99
Intel Celeron J1750 @ 2.41GHz	1037	2125	NA	NA
Intel Celeron J1800 @ 2.41GHz	1028	2131	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1827	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron J1900 @ 1.99GHz	1846	1702	NA	NA
Intel Celeron J3060 @ 1.60GHz	972	2168	NA	NA
Intel Celeron J3160 @ 1.60GHz	1791	1727	NA	NA
Intel Celeron J3355 @ 2.00GHz	1180	2043	NA	NA
Intel Celeron J3455 @ 1.50GHz	2131	1572	5.61	\$379.99*
Intel Celeron J4005 @ 2.00GHz	1560	1851	11.11	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2626	1381	24.54	\$107.00*
Intel Celeron M 1.00GHz	207	2759	16.60	\$12.49*
Intel Celeron M 1.30GHz	316	2617	NA	NA
Intel Celeron M 1.50GHz	343	2594	NA	NA
Intel Celeron M 1.60GHz	365	2571	NA	NA
Intel Celeron M 1.70GHz	393	2539	NA	NA
Intel Celeron M 360 1.40GHz	328	2607	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2619	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2596	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2566	NA	NA
Intel Celeron M 440 @ 1.86GHz	397	2530	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2711	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2470	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2492	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2456	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2389	NA	NA
Intel Celeron M 600MHz	151	2801	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2464	NA	NA
Intel Celeron M 900MHz	204	2761	NA	NA
Intel Celeron M 1200MHz	275	2689	NA	NA
Intel Celeron M 1300MHz	303	2634	NA	NA
Intel Celeron M 1500MHz	333	2603	NA	NA
Intel Celeron M ULV 800MHz	184	2781	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2805 @ 1.46GHz	461	2460	NA	NA
Intel Celeron N2806 @ 1.60GHz	794	2269	NA	NA
Intel Celeron N2807 @ 1.58GHz	852	2241	NA	NA
Intel Celeron N2808 @ 1.58GHz	913	2213	NA	NA
Intel Celeron N2810 @ 2.00GHz	782	2272	5.59	\$139.99*
Intel Celeron N2815 @ 1.86GHz	856	2240	NA	NA
Intel Celeron N2820 @ 2.13GHz	930	2200	4.43	\$209.99*
Intel Celeron N2830 @ 2.16GHz	952	2185	NA	NA
Intel Celeron N2840 @ 2.16GHz	1003	2145	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2033	NA	NA
Intel Celeron N2920 @ 1.86GHz	1500	1879	NA	NA
Intel Celeron N2930 @ 1.83GHz	1628	1819	NA	NA
Intel Celeron N2940 @ 1.83GHz	1734	1755	NA	NA
Intel Celeron N3000 @ 1.04GHz	901	2220	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2174	NA	NA
Intel Celeron N3050 @ 1.60GHz	879	2226	6.07	\$144.88*
Intel Celeron N3060 @ 1.60GHz	989	2160	NA	NA
Intel Celeron N3150 @ 1.60GHz	1655	1806	NA	NA
Intel Celeron N3160 @ 1.60GHz	1673	1791	5.83	\$286.99*
Intel Celeron N3350 @ 1.10GHz	1106	2086	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N3450 @ 1.10GHz	1845	1704	11.52	\$160.20*
Intel Celeron N4000 @ 1.10GHz	1469	1892	13.73	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2340	1486	21.87	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1119	2074	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2155	NA	NA
Intel Celeron P4600 @ 2.00GHz	1340	1952	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2276	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2187	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2115	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1774	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2299	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2320	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2264	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2118	87.68	\$11.99*
Intel Core2 Duo E4400 @ 2.00GHz	1156	2060	23.14	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1270	1996	211.70	\$6.00*
Intel Core2 Duo E4600 @ 2.40GHz	1385	1928	8.77	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1483	1888	54.95	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1109	2083	85.39	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1184	2042	23.70	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1288	1982	43.02	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1360	1942	27.21	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1458	1896	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1881	100.21	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1553	1854	103.65	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1782	56.47	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1716	1764	166.62	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1948	1650	38.97	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1631	1816	33.29	\$49.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E7300 @ 2.66GHz	1727	1757	43.32	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1773	1734	61.16	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1874	1689	125.08	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1968	1643	16.41	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1520	1867	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1746	1745	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1886	1686	37.74	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1965	1644	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1484	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1992	1631	99.68	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1703	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1575	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2149	1565	13.61	\$157.95*
Intel Core2 Duo E8435 @ 3.06GHz	2127	1576	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2282	1511	57.08	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2406	1463	48.13	\$49.99*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1542	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2282	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2321	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2255	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo L7400 @ 1.50GHz	846	2243	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	964	2175	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2167	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2075	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1067	2110	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1325	1960	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1291	1979	64.61	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	1973	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	1914	35.41	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2192	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1871	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1437	1904	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2136	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1455	1897	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1859	31.24	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1623	1822	42.73	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1740	1750	30.54	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1850	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1752	1743	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1738	1752	17.56	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1873	1691	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2013	1623	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2365	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1264	1999	5.00	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1676	1790	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	932	2198	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	832	2250	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	836	2249	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2260	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5300 @ 1.73GHz	933	2197	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	912	2214	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	909	2217	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	925	2204	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1045	2121	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1028	2130	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2156	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1092	2096	109.37	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1110	2081	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1195	2035	75.21	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1147	2066	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	2028	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1225	2020	81.75	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1286	1983	85.85	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1255	2001	32.62	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1360	1941	72.00	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1366	1936	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1017	2138	46.28	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1165	2054	11.66	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1115	2076	5.54	\$201.48*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T7300 @ 2.00GHz	1192	2037	38.48	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1247	2011	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1276	1991	29.69	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1381	1930	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1422	1912	10.17	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1604	1833	2.64	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1297	1975	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1471	1890	13.51	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1672	1793	28.84	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1740	1751	24.88	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1796	1724	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1803	1722	6.03	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1659	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2015	1622	4.75	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2131	1571	5.34	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	872	2229	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2363	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2326	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2313	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2234	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1133	2073	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1784	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1074	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3633	1076	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3456	1124	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1872	1692	7.10	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1723	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1956	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1786	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme X9000 @ 2.80GHz	1903	1672	4.64	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2063	1601	2.42	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4157	961	4.83	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	895	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4610	873	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	859	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2951	1274	73.81	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3285	1166	73.02	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2812	1324	122.32	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2981	1265	59.64	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3164	1205	13.19	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2523	1418	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1178	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3160	1208	63.22	\$49.99*
Intel Core2 Quad Q9400 @ 2.66GHz	3341	1155	98.30	\$33.99*
Intel Core2 Quad Q9450 @ 2.66GHz	3761	1044	105.36	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3537	1105	101.11	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3559	1096	18.73	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3966	1000	89.15	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4165	959	59.51	\$69.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1004	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	350	2585	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2626	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2504	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	465	2453	NA	NA
Intel Core 330 @ 1.60GHz	643	2338	NA	NA
Intel Core 860 @ 2.80GHz	4555	880	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2302	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2305	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2288	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2316	NA	NA
Intel Core Duo T2250 @ 1.73GHz	758	2285	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2296	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2280	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2268	49.65	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2254	NA	NA
Intel Core Duo T2500 @ 2.00GHz	868	2231	7.24	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	943	2194	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2135	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2387	NA	NA
Intel Core Duo U2500 @ 1.20GHz	512	2410	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1656	NA	NA
Intel Core i3-330M @ 2.13GHz	1789	1729	36.86	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1075	2109	NA	NA
Intel Core i3-350M @ 2.27GHz	1892	1681	17.37	\$108.95*
Intel Core i3-370M @ 2.40GHz	2016	1621	50.45	\$39.96*
Intel Core i3-380M @ 2.53GHz	2093	1590	34.93	\$59.95*
Intel Core i3-380UM @ 1.33GHz	1158	2059	NA	NA
Intel Core i3-390M @ 2.67GHz	2180	1553	55.99	\$38.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-530 @ 2.93GHz	2566	1406	13.52	\$189.86*
Intel Core i3-540 @ 3.07GHz	2687	1364	107.59	\$24.98*
Intel Core i3-550 @ 3.20GHz	2829	1316	16.08	\$176.00*
Intel Core i3-560 @ 3.33GHz	2937	1279	16.32	\$179.95*
Intel Core i3-2100 @ 3.10GHz	3691	1068	61.54	\$59.99*
Intel Core i3-2100T @ 2.50GHz	2952	1273	49.21	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1053	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3706	1061	32.24	\$114.99*
Intel Core i3-2120 @ 3.30GHz	3927	1008	70.15	\$55.99*
Intel Core i3-2120T @ 2.60GHz	3169	1201	19.81	\$160.00*
Intel Core i3-2125 @ 3.30GHz	4019	983	19.42	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4067	976	58.12	\$69.99*
Intel Core i3-2140 @ 3.50GHz	4325	932	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1312	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2430	1451	54.03	\$44.99*
Intel Core i3-2312M @ 2.10GHz	2374	1474	NA	NA
Intel Core i3-2328M @ 2.20GHz	2538	1416	27.31	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1234	NA	NA
Intel Core i3-2330M @ 2.20GHz	2526	1417	14.84	\$170.20*
Intel Core i3-2332M @ 2.20GHz	2382	1471	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2340UE @ 1.30GHz	1719	1758	NA	NA
Intel Core i3-2348M @ 2.30GHz	2614	1385	NA	NA
Intel Core i3-2350M @ 2.30GHz	2623	1382	71.27	\$36.81*
Intel Core i3-2357M @ 1.30GHz	1556	1853	NA	NA
Intel Core i3-2365M @ 1.40GHz	1678	1788	NA	NA
Intel Core i3-2367M @ 1.40GHz	1707	1771	NA	NA
Intel Core i3-2370M @ 2.40GHz	2777	1335	69.77	\$39.81*
Intel Core i3-2375M @ 1.50GHz	1774	1732	NA	NA
Intel Core i3-2377M @ 1.50GHz	1827	1715	NA	NA
Intel Core i3-3110M @ 2.40GHz	3079	1233	38.51	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3219	1187	23.16	\$139.00*
Intel Core i3-3130M @ 2.60GHz	3405	1133	NA	NA
Intel Core i3-3210 @ 3.20GHz	4033	981	36.67	\$109.99*
Intel Core i3-3217U @ 1.80GHz	2302	1500	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1561	NA	NA
Intel Core i3-3220 @ 3.30GHz	4239	945	53.02	\$79.95*
Intel Core i3-3220T @ 2.80GHz	3695	1065	13.49	\$273.95*
Intel Core i3-3225 @ 3.30GHz	4339	927	36.47	\$119.00*
Intel Core i3-3227U @ 1.90GHz	2470	1441	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1693	1783	NA	NA
Intel Core i3-3240 @ 3.40GHz	4312	935	15.24	\$282.99*
Intel Core i3-3240T @ 2.90GHz	3654	1075	NA	NA
Intel Core i3-3245 @ 3.40GHz	4434	908	55.43	\$79.99*
Intel Core i3-3250 @ 3.50GHz	4451	903	46.86	\$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1079	NA	NA
Intel Core i3-4000M @ 2.40GHz	3247	1176	16.24	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2441	1449	NA	NA
Intel Core i3-4010U @ 1.70GHz	2437	1450	22.16	\$110.00*
Intel Core i3-4010Y @ 1.30GHz	1900	1675	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4012Y @ 1.50GHz	2163	1560	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2212	1543	NA	NA
Intel Core i3-4025U @ 1.90GHz	2782	1333	NA	NA
Intel Core i3-4030U @ 1.90GHz	2711	1357	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1428	NA	NA
Intel Core i3-4100M @ 2.50GHz	3477	1117	15.91	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	1014	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1296	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1244	NA	NA
Intel Core i3-4130 @ 3.40GHz	4797	840	41.72	\$115.00*
Intel Core i3-4130T @ 2.90GHz	4144	963	46.57	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4893	821	27.91	\$175.35*
Intel Core i3-4150T @ 3.00GHz	4229	947	18.39	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1288	NA	NA
Intel Core i3-4160 @ 3.60GHz	5052	789	26.31	\$192.00*
Intel Core i3-4160T @ 3.10GHz	4418	913	29.46	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5189	763	43.61	\$119.00*
Intel Core i3-4170T @ 3.20GHz	4545	885	21.65	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5099	773	28.33	\$179.99*
Intel Core i3-4330T @ 3.00GHz	4486	899	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4330TE @ 2.40GHz	3201	1190	NA	NA
Intel Core i3-4340 @ 3.60GHz	5240	756	30.83	\$169.99*
Intel Core i3-4350 @ 3.60GHz	4963	808	29.20	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	936	NA	NA
Intel Core i3-4360 @ 3.70GHz	5460	724	37.92	\$143.99
Intel Core i3-4360T @ 3.20GHz	4636	863	NA	NA
Intel Core i3-4370 @ 3.80GHz	5611	704	13.52	\$415.00*
Intel Core i3-4370T @ 3.30GHz	4890	822	35.44	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	816	NA	NA
Intel Core i3-5005U @ 2.00GHz	2902	1294	NA	NA
Intel Core i3-5010U @ 2.10GHz	3054	1240	9.04	\$337.76*
Intel Core i3-5015U @ 2.10GHz	3007	1255	NA	NA
Intel Core i3-5020U @ 2.20GHz	3189	1194	6.95	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3663	1072	NA	NA
Intel Core i3-6006U @ 2.00GHz	3092	1227	NA	NA
Intel Core i3-6098P @ 3.60GHz	5423	729	40.55	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5486	716	45.35	\$120.99*
Intel Core i3-6100E @ 2.70GHz	3769	1042	NA	NA
Intel Core i3-6100H @ 2.70GHz	4249	943	NA	NA
Intel Core i3-6100T @ 3.20GHz	4863	830	25.60	\$189.99*
Intel Core i3-6100TE @ 2.70GHz	4337	928	NA	NA
Intel Core i3-6100U @ 2.30GHz	3602	1083	7.00	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	1024	NA	NA
Intel Core i3-6300 @ 3.80GHz	5840	674	33.19	\$175.98*
Intel Core i3-6300T @ 3.30GHz	5249	755	33.87	\$154.99
Intel Core i3-6320 @ 3.90GHz	6047	654	33.23	\$181.99*
Intel Core i3-7020U @ 2.30GHz	3696	1064	13.15	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5776	680	34.80	\$166.00*
Intel Core i3-7100H @ 3.00GHz	4696	854	20.87	\$225.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7100T @ 3.40GHz	5042	796	56.66	\$89.00*
Intel Core i3-7100U @ 2.40GHz	3778	1040	8.47	\$446.23*
Intel Core i3-7101TE @ 3.40GHz	5196	762	44.42	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4090	973	14.56	\$281.00*
Intel Core i3-7167U @ 2.80GHz	4757	845	NA	NA
Intel Core i3-7300 @ 4.00GHz	6386	621	37.16	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	737	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6513	605	35.65	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6623	598	32.47	\$203.99
Intel Core i3-8100 @ 3.60GHz	8059	459	64.48	\$124.99*
Intel Core i3-8100B @ 3.60GHz	8431	430	63.39	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7477	513	53.80	\$139.00*
Intel Core i3-8109U @ 3.00GHz	6167	640	NA	NA
Intel Core i3-8121U @ 2.20GHz	4738	849	NA	NA
Intel Core i3-8130U @ 2.20GHz	5062	786	18.02	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5678	695	20.21	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8661	414	45.44	\$190.61*
Intel Core i3-8300T @ 3.20GHz	8032	463	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9225	361	45.22	\$203.99
Intel Core i5 750S @ 2.40GHz	2197	1550	21.97	\$99.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5 E 520 @ 2.40GHz	2486	1436	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3603	1082	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3737	1052	NA	NA
Intel Core i5-430M @ 2.27GHz	2098	1589	14.99	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	1950	NA	NA
Intel Core i5-450M @ 2.40GHz	2124	1577	66.51	\$31.95*
Intel Core i5-460M @ 2.53GHz	2326	1490	31.04	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	2106	NA	NA
Intel Core i5-480M @ 2.67GHz	2402	1465	29.81	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1530	NA	NA
Intel Core i5-520M @ 2.40GHz	2370	1478	33.87	\$69.99*
Intel Core i5-520UM @ 1.07GHz	1356	1946	NA	NA
Intel Core i5-540M @ 2.53GHz	2453	1447	12.92	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	1933	NA	NA
Intel Core i5-560M @ 2.67GHz	2584	1398	28.72	\$89.97*
Intel Core i5-560UM @ 1.33GHz	1664	1798	NA	NA
Intel Core i5-580M @ 2.67GHz	2593	1393	23.59	\$109.95*
Intel Core i5-650 @ 3.20GHz	3100	1226	36.24	\$85.55*
Intel Core i5-655K @ 3.20GHz	3399	1136	56.67	\$59.99*
Intel Core i5-660 @ 3.33GHz	3251	1174	9.29	\$349.95*
Intel Core i5-661 @ 3.33GHz	3182	1196	31.82	\$99.99*
Intel Core i5-670 @ 3.47GHz	3309	1162	36.77	\$89.99*
Intel Core i5-680 @ 3.60GHz	3509	1107	38.99	\$89.99*
Intel Core i5-750 @ 2.67GHz	3692	1067	39.90	\$92.55*
Intel Core i5-760 @ 2.80GHz	3887	1012	43.19	\$89.99*
Intel Core i5-2300 @ 2.80GHz	5353	740	66.93	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5539	710	29.73	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5766	683	36.04	\$160.00*
Intel Core i5-2380P @ 3.10GHz	5749	685	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	4261	941	42.66	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5963	659	41.13	\$144.99
Intel Core i5-2400S @ 2.50GHz	4978	806	75.78	\$65.70*
Intel Core i5-2405S @ 2.50GHz	5082	778	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3166	1204	43.97	\$72.00*
Intel Core i5-2415M @ 2.30GHz	3299	1164	NA	NA
Intel Core i5-2430M @ 2.40GHz	3283	1167	39.04	\$84.11*
Intel Core i5-2435M @ 2.40GHz	3224	1182	NA	NA
Intel Core i5-2450M @ 2.50GHz	3399	1135	38.62	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6132	644	68.14	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2327	1489	NA	NA
Intel Core i5-2500 @ 3.30GHz	6335	626	21.12	\$299.99*
Intel Core i5-2500K @ 3.30GHz	6478	609	56.34	\$115.00*
Intel Core i5-2500S @ 2.70GHz	5341	745	71.23	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4639	861	NA	NA
Intel Core i5-2510E @ 2.50GHz	3483	1114	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1160	NA	NA
Intel Core i5-2520M @ 2.50GHz	3590	1085	21.17	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2100	1588	NA	NA
Intel Core i5-2540M @ 2.60GHz	3783	1039	65.20	\$58.02*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2550K @ 3.40GHz	6667	593	51.29	\$129.99*
Intel Core i5-2557M @ 1.70GHz	2685	1365	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1048	NA	NA
Intel Core i5-3210M @ 2.50GHz	3826	1028	51.69	\$74.02*
Intel Core i5-3230M @ 2.60GHz	3938	1007	14.48	\$272.04*
Intel Core i5-3317U @ 1.70GHz	3090	1228	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4119	969	36.94	\$111.51*
Intel Core i5-3330 @ 3.00GHz	5936	665	21.13	\$280.99*
Intel Core i5-3330S @ 2.70GHz	5678	694	59.78	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	678	NA	NA
Intel Core i5-3337U @ 1.80GHz	3222	1183	14.32	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1541	NA	NA
Intel Core i5-3340 @ 3.10GHz	6083	651	20.76	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4244	944	53.09	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	673	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6145	642	40.97	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4434	907	47.78	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4440	904	NA	NA
Intel Core i5-3427U @ 1.80GHz	3550	1098	8.45	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3632	1077	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1282	NA	NA
Intel Core i5-3450 @ 3.10GHz	6535	603	51.47	\$126.99*
Intel Core i5-3450S @ 2.80GHz	6219	633	62.20	\$99.99*
Intel Core i5-3470 @ 3.20GHz	6712	589	32.59	\$205.99
Intel Core i5-3470S @ 2.90GHz	6367	624	41.22	\$154.49*
Intel Core i5-3470T @ 2.90GHz	4474	900	14.48	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6618	599	46.12	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6957	566	20.47	\$339.95*
Intel Core i5-3550S @ 3.00GHz	6906	570	20.25	\$341.01*
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	7120	549	44.23	\$161.00*
Intel Core i5-3570K @ 3.40GHz	7173	545	51.61	\$139.00*
Intel Core i5-3570S @ 3.10GHz	6759	584	23.72	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5901	667	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3830	1025	NA	NA
Intel Core i5-4200H @ 2.80GHz	4440	905	NA	NA
Intel Core i5-4200M @ 2.50GHz	4033	980	49.73	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3293	1165	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1462	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2261	1524	NA	NA
Intel Core i5-4210H @ 2.90GHz	4534	891	NA	NA
Intel Core i5-4210M @ 2.60GHz	4197	953	13.54	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3403	1134	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2378	1472	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1522	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1295	NA	NA
Intel Core i5-4250U @ 1.30GHz	3449	1125	9.61	\$358.99*
Intel Core i5-4258U @ 2.40GHz	4082	974	NA	NA
Intel Core i5-4260U @ 1.40GHz	3571	1094	NA	NA
Intel Core i5-4278U @ 2.60GHz	4366	921	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4288U @ 2.60GHz	4356	923	NA	NA
Intel Core i5-4300M @ 2.60GHz	4426	910	NA	NA
Intel Core i5-4300U @ 1.90GHz	3741	1051	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2500	1432	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1268	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	949	NA	NA
Intel Core i5-4310M @ 2.70GHz	4631	866	NA	NA
Intel Core i5-4310U @ 2.00GHz	3755	1047	NA	NA
Intel Core i5-4330M @ 2.80GHz	4527	892	16.46	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4828	832	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1080	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	883	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1005	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1326	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6327	627	21.09	\$299.97*
Intel Core i5-4430S @ 2.70GHz	5947	661	37.17	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6506	606	13.09	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6222	632	13.44	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6714	588	23.98	\$279.99
Intel Core i5-4460S @ 2.90GHz	6408	618	9.71	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4955	812	NA	NA
Intel Core i5-4570 @ 3.20GHz	7139	546	40.80	\$174.99*
Intel Core i5-4570R @ 2.70GHz	6761	582	NA	NA
Intel Core i5-4570S @ 2.90GHz	6806	576	27.68	\$245.86*
Intel Core i5-4570T @ 2.90GHz	4816	833	32.12	\$149.99*
Intel Core i5-4570TE @ 2.70GHz	3827	1027	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7319	533	49.12	\$149.00*
Intel Core i5-4590S @ 3.00GHz	7058	555	36.01	\$195.99*
Intel Core i5-4590T @ 2.00GHz	5615	701	26.75	\$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	7450	515	46.86	\$159.00*
Intel Core i5-4670K @ 3.40GHz	7634	501	22.20	\$343.81*
Intel Core i5-4670K CPT @ 3.40GHz	7411	523	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	522	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7322	531	34.38	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6168	639	23.81	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7673	499	17.44	\$439.97*
Intel Core i5-4690K @ 3.50GHz	7794	484	25.71	\$303.18*
Intel Core i5-4690S @ 3.20GHz	7449	516	16.57	\$449.53*
Intel Core i5-4690T @ 2.50GHz	6478	608	NA	NA
Intel Core i5-5200U @ 2.20GHz	3486	1113	NA	NA
Intel Core i5-5250U @ 1.60GHz	3584	1090	8.11	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4403	914	NA	NA
Intel Core i5-5287U @ 2.90GHz	4688	856	NA	NA
Intel Core i5-5300U @ 2.30GHz	3815	1030	7.40	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3482	1115	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	518	NA	NA
Intel Core i5-5675C @ 3.10GHz	8191	445	20.48	\$399.99*
Intel Core i5-5675R @ 3.10GHz	8054	461	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4145	962	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6200U @ 2.30GHz	4018	984	NA	NA
Intel Core i5-6260U @ 1.80GHz	4359	922	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4960	811	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	847	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6084	650	NA	NA
Intel Core i5-6300U @ 2.40GHz	4374	919	NA	NA
Intel Core i5-6360U @ 2.00GHz	4880	824	NA	NA
Intel Core i5-6400 @ 2.70GHz	6762	581	31.65	\$213.66*
Intel Core i5-6400T @ 2.20GHz	5613	703	35.48	\$158.23*
Intel Core i5-6402P @ 2.80GHz	7105	551	37.40	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	679	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6799	577	NA	NA
Intel Core i5-6500 @ 3.20GHz	7241	539	21.55	\$336.00*
Intel Core i5-6500T @ 2.50GHz	6285	629	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6539	602	31.14	\$209.99*
Intel Core i5-6600 @ 3.30GHz	7772	486	29.90	\$259.94*
Intel Core i5-6600K @ 3.50GHz	8061	458	32.64	\$246.99*
Intel Core i5-6600T @ 2.70GHz	7326	529	30.53	\$239.99*
Intel Core i5-7200U @ 2.50GHz	4612	870	NA	NA
Intel Core i5-7260U @ 2.20GHz	5691	691	5.64	\$1,009.00*
Intel Core i5-7267U @ 3.10GHz	5098	774	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	699	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6799	578	NA	NA
Intel Core i5-7300U @ 2.60GHz	5179	766	11.26	\$459.99*
Intel Core i5-7360U @ 2.30GHz	5812	676	NA	NA
Intel Core i5-7400 @ 3.00GHz	7337	528	33.58	\$218.53*
Intel Core i5-7400T @ 2.40GHz	6430	614	31.07	\$206.99*
Intel Core i5-7440HQ @ 2.80GHz	7703	493	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	6262	631	25.05	\$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	8026	464	32.11	\$249.94*
Intel Core i5-7500T @ 2.70GHz	7006	560	24.82	\$282.33*
Intel Core i5-7600 @ 3.50GHz	8736	407	38.15	\$229.00*
Intel Core i5-7600K @ 3.80GHz	9126	369	29.48	\$309.53*
Intel Core i5-7600T @ 2.80GHz	8089	456	23.70	\$341.40*
Intel Core i5-7640X @ 4.00GHz	9533	331	27.77	\$343.28*
Intel Core i5-8200Y @ 1.30GHz	4206	952	14.46	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4057	977	NA	NA
Intel Core i5-8250U @ 1.60GHz	7679	497	NA	NA
Intel Core i5-8259U @ 2.30GHz	11012	238	16.65	\$661.29*
Intel Core i5-8265U @ 1.60GHz	8187	448	27.57	\$297.00*
Intel Core i5-8300H @ 2.30GHz	9505	333	38.02	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8927	390	NA	NA
Intel Core i5-8350U @ 1.70GHz	8189	447	27.57	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11628	219	58.15	\$199.99
Intel Core i5-8400H @ 2.50GHz	10116	281	40.47	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9598	327	40.16	\$239.00*
Intel Core i5-8500 @ 3.00GHz	11933	215	30.65	\$389.41*
Intel Core i5-8500B @ 3.00GHz	12639	196	65.83	\$192.00*
Intel Core i5-8500T @ 2.10GHz	10016	290	45.88	\$218.34*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8600 @ 3.10GHz	12644	195	50.78	\$248.99*
Intel Core i5-8600K @ 3.60GHz	12763	189	48.17	\$264.99*
Intel Core i5-8600T @ 2.30GHz	10913	242	29.18	\$373.99*
Intel Core i5-9400F @ 2.90GHz	12436	199	73.16	\$169.99
Intel Core i5-9600K @ 3.70GHz	13460	175	49.86	\$269.99
Intel Core i5-24050S @ 2.50GHz	4928	817	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3757	1046	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1642	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1411	NA	NA
Intel Core i7-620LM @ 2.00GHz	1947	1651	NA	NA
Intel Core i7-620M @ 2.67GHz	2723	1355	24.76	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	1961	NA	NA
Intel Core i7-640LM @ 2.13GHz	2251	1526	NA	NA
Intel Core i7-640M @ 2.80GHz	2833	1314	14.17	\$199.95*
Intel Core i7-640UM @ 1.20GHz	1658	1803	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1747	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1769	NA	NA
Intel Core i7-720QM @ 1.60GHz	3010	1253	27.38	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3194	1193	29.05	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3226	1181	23.21	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3406	1132	11.75	\$289.97*
Intel Core i7-860 @ 2.80GHz	5003	802	56.86	\$87.99*
Intel Core i7-860S @ 2.53GHz	4711	851	23.56	\$199.99*
Intel Core i7-870 @ 2.93GHz	5335	747	56.17	\$95.00*
Intel Core i7-870S @ 2.67GHz	4969	807	NA	NA
Intel Core i7-875K @ 2.93GHz	5431	728	12.07	\$449.99*
Intel Core i7-880 @ 3.07GHz	5523	714	9.47	\$583.00*
Intel Core i7-920 @ 2.67GHz	4920	819	28.28	\$174.00*
Intel Core i7-920XM @ 2.00GHz	3734	1054	1.11	\$3,375.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-930 @ 2.80GHz	5138	769	39.53	\$129.99*
Intel Core i7-940 @ 2.93GHz	5343	742	51.39	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3959	1002	NA	NA
Intel Core i7-950 @ 3.07GHz	5549	709	26.55	\$209.00*
Intel Core i7-960 @ 3.20GHz	5809	677	19.94	\$291.28*
Intel Core i7-965 @ 3.20GHz	5856	671	41.83	\$139.99*
Intel Core i7-970 @ 3.20GHz	8369	432	55.80	\$149.98*
Intel Core i7-975 @ 3.33GHz	6126	645	34.04	\$179.99*
Intel Core i7-980 @ 3.33GHz	8645	416	43.23	\$199.98*
Intel Core i7-980X @ 3.33GHz	8755	405	7.89	\$1,109.95*
Intel Core i7-985 @ 3.47GHz	6641	595	NA	NA
Intel Core i7-990X @ 3.47GHz	9066	375	25.91	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	312	NA	NA
Intel Core i7-2600 @ 3.40GHz	8190	446	35.19	\$232.72*
Intel Core i7-2600K @ 3.40GHz	8432	429	44.38	\$189.98*
Intel Core i7-2600S @ 2.80GHz	7081	552	48.67	\$145.50*
Intel Core i7-2610UE @ 1.50GHz	2481	1438	NA	NA
Intel Core i7-2617M @ 1.50GHz	2824	1318	NA	NA
Intel Core i7-2620M @ 2.70GHz	3840	1021	22.62	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5527	713	24.04	\$229.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2630UM @ 1.60GHz	2584	1396	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5456	725	NA	NA
Intel Core i7-2637M @ 1.70GHz	2901	1297	NA	NA
Intel Core i7-2640M @ 2.80GHz	3925	1010	21.11	\$185.97*
Intel Core i7-2655LE @ 2.20GHz	3196	1192	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5883	669	42.33	\$139.00*
Intel Core i7-2675QM @ 2.20GHz	5533	712	NA	NA
Intel Core i7-2677M @ 1.80GHz	2817	1320	NA	NA
Intel Core i7-2700K @ 3.50GHz	8693	411	45.16	\$192.50*
Intel Core i7-2710QE @ 2.10GHz	5768	682	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	738	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6117	647	32.20	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6576	601	41.15	\$159.81*
Intel Core i7-2820QM @ 2.30GHz	6641	596	18.66	\$355.95*
Intel Core i7-2840QM @ 2.40GHz	6766	580	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6991	562	11.65	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7039	557	15.98	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7239	540	17.66	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3587	1088	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3323	1157	NA	NA
Intel Core i7-3520M @ 2.90GHz	4546	884	19.35	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3844	1020	NA	NA
Intel Core i7-3540M @ 3.00GHz	4661	858	10.84	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	999	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	611	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7461	514	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	590	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6820	575	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	527	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3615QM @ 2.30GHz	7385	525	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7583	505	31.73	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6936	567	29.14	\$238.05*
Intel Core i7-3635QM @ 2.40GHz	6673	592	NA	NA
Intel Core i7-3667U @ 2.00GHz	3999	988	NA	NA
Intel Core i7-3687U @ 2.10GHz	4190	954	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1186	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8128	454	22.64	\$359.00*
Intel Core i7-3740QM @ 2.70GHz	8334	435	34.73	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9283	356	29.95	\$309.99*
Intel Core i7-3770K @ 3.50GHz	9511	332	37.08	\$256.50*
Intel Core i7-3770S @ 3.10GHz	8893	393	45.26	\$196.50*
Intel Core i7-3770T @ 2.50GHz	8204	444	24.86	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8992	384	44.96	\$199.99*
Intel Core i7-3820QM @ 2.70GHz	8429	431	17.31	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8785	402	26.23	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	9156	364	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11981	213	30.03	\$398.98*
Intel Core i7-3940XM @ 3.00GHz	9282	357	17.22	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12602	197	13.85	\$909.78*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3970X @ 3.50GHz	12673	193	15.65	\$809.99*
Intel Core i7-4500U @ 1.80GHz	3792	1036	NA	NA
Intel Core i7-4510U @ 2.00GHz	3925	1011	NA	NA
Intel Core i7-4550U @ 1.50GHz	3713	1060	NA	NA
Intel Core i7-4558U @ 2.80GHz	4391	916	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	930	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	841	NA	NA
Intel Core i7-4600M @ 2.90GHz	4881	823	NA	NA
Intel Core i7-4600U @ 2.10GHz	4102	972	NA	NA
Intel Core i7-4610M @ 3.00GHz	4954	813	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1050	NA	NA
Intel Core i7-4650U @ 1.70GHz	3965	1001	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	544	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7724	492	20.17	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7688	495	40.68	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7426	521	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7125	548	21.14	\$337.04*
Intel Core i7-4710HQ @ 2.50GHz	7729	490	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7991	469	29.43	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7515	509	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7207	543	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7996	468	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8063	457	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8219	441	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	419	NA	NA
Intel Core i7-4765T @ 2.00GHz	7310	536	18.28	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9781	315	49.15	\$199.00*
Intel Core i7-4770HQ @ 2.20GHz	8948	389	NA	NA
Intel Core i7-4770K @ 3.50GHz	10085	285	24.99	\$403.61*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4770R @ 3.20GHz	9822	308	NA	NA
Intel Core i7-4770S @ 3.10GHz	9344	350	37.38	\$249.99*
Intel Core i7-4770T @ 2.50GHz	8587	420	21.47	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	587	NA	NA
Intel Core i7-4771 @ 3.50GHz	9869	304	16.18	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7605	503	NA	NA
Intel Core i7-4790 @ 3.60GHz	9984	295	34.55	\$288.99*
Intel Core i7-4790K @ 4.00GHz	11174	227	36.40	\$306.99*
Intel Core i7-4790S @ 3.20GHz	9574	328	20.72	\$462.13*
Intel Core i7-4790T @ 2.70GHz	9083	374	25.30	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8465	426	41.50	\$204.00*
Intel Core i7-4810MQ @ 2.80GHz	8649	415	20.35	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9712	321	44.15	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9035	379	20.82	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7818	480	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9270	358	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9365	349	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8999	383	15.34	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9382	348	20.40	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13008	183	21.71	\$599.28*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4930MX @ 3.00GHz	9487	335	8.66	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9908	300	13.96	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9807	310	15.74	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13800	164	17.92	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10238	271	NA	NA
Intel Core i7-5500U @ 2.40GHz	3979	994	NA	NA
Intel Core i7-5550U @ 2.00GHz	3686	1069	NA	NA
Intel Core i7-5557U @ 3.10GHz	4952	814	7.03	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4317	934	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	948	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	449	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	439	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8365	433	NA	NA
Intel Core i7-5775C @ 3.30GHz	10984	239	16.00	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10857	243	NA	NA
Intel Core i7-5820K @ 3.30GHz	12987	184	43.29	\$299.99*
Intel Core i7-5850EQ @ 2.70GHz	9817	309	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	340	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13632	168	27.32	\$498.98*
Intel Core i7-5950HQ @ 2.90GHz	10932	241	NA	NA
Intel Core i7-5960X @ 3.00GHz	15949	111	13.40	\$1,190.12*
Intel Core i7-6498DU @ 2.50GHz	4538	889	NA	NA
Intel Core i7-6500U @ 2.50GHz	4429	909	NA	NA
Intel Core i7-6560U @ 2.20GHz	4809	835	NA	NA
Intel Core i7-6567U @ 3.30GHz	5656	700	NA	NA
Intel Core i7-6600U @ 2.60GHz	4801	838	NA	NA
Intel Core i7-6650U @ 2.20GHz	4963	809	NA	NA
Intel Core i7-6700 @ 3.40GHz	10004	294	29.86	\$335.00*
Intel Core i7-6700HQ @ 2.60GHz	8133	453	21.52	\$378.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6700K @ 4.00GHz	11109	230	24.86	\$446.79*
Intel Core i7-6700T @ 2.80GHz	9034	380	30.11	\$300.00*
Intel Core i7-6700TE @ 2.40GHz	8696	409	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9722	320	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13581	172	29.65	\$458.00*
Intel Core i7-6820EQ @ 2.80GHz	8758	404	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9123	371	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8773	403	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	616	NA	NA
Intel Core i7-6850K @ 3.60GHz	14364	148	26.12	\$550.00*
Intel Core i7-6900K @ 3.20GHz	17683	78	14.74	\$1,199.98*
Intel Core i7-6920HQ @ 2.90GHz	9602	326	16.91	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19949	51	12.24	\$1,630.00*
Intel Core i7-7500U @ 2.70GHz	5160	767	NA	NA
Intel Core i7-7560U @ 2.40GHz	5862	670	NA	NA
Intel Core i7-7567U @ 3.50GHz	6495	607	NA	NA
Intel Core i7-7600U @ 2.80GHz	5083	777	NA	NA
Intel Core i7-7660U @ 2.50GHz	6030	656	NA	NA
Intel Core i7-7700 @ 3.60GHz	10736	247	30.32	\$354.14
Intel Core i7-7700HQ @ 2.80GHz	8820	401	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	12036	211	29.00	\$414.99*
Intel Core i7-7700T @ 2.90GHz	9257	359	25.36	\$365.00
Intel Core i7-7740X @ 4.30GHz	12265	204	20.44	\$599.99*
Intel Core i7-7800X @ 3.50GHz	14591	140	39.44	\$369.99
Intel Core i7-7820HK @ 2.90GHz	9983	296	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9284	355	24.56	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18491	69	27.52	\$672.04*
Intel Core i7-7900X @ 3.30GHz	20153	47	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9975	298	NA	NA
Intel Core i7-8086K @ 4.00GHz	16697	89	30.20	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3587	1089	9.13	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8311	437	NA	NA
Intel Core i7-8559U @ 2.70GHz	12234	205	NA	NA
Intel Core i7-8565U @ 1.80GHz	9140	366	NA	NA
Intel Core i7-8650U @ 1.90GHz	8835	399	NA	NA
Intel Core i7-8700 @ 3.20GHz	15149	127	48.09	\$314.99
Intel Core i7-8700B @ 3.20GHz	14444	144	47.67	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15969	110	42.03	\$379.99
Intel Core i7-8700T @ 2.40GHz	12692	192	24.94	\$509.00*
Intel Core i7-8705G @ 3.10GHz	10017	289	NA	NA
Intel Core i7-8706G @ 3.10GHz	10505	257	NA	NA
Intel Core i7-8709G @ 3.10GHz	9536	330	NA	NA
Intel Core i7-8750H @ 2.20GHz	12474	198	31.58	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11036	236	NA	NA
Intel Core i7-8850H @ 2.60GHz	13119	180	33.21	\$395.00*
Intel Core i7-9700K @ 3.60GHz	17267	83	41.11	\$419.99
Intel Core i7-9800X @ 3.80GHz	19993	50	31.74	\$629.99*
Intel Core i9-7900X @ 3.30GHz	21879	32	20.86	\$1,048.99
Intel Core i9-7920X @ 2.90GHz	23304	23	24.03	\$969.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-7940X @ 3.10GHz	25407	15	22.48	\$1,129.99
Intel Core i9-7960X @ 2.80GHz	25798	12	18.43	\$1,399.99
Intel Core i9-7980XE @ 2.60GHz	27891	6	15.08	\$1,849.99
Intel Core i9-8950HK @ 2.90GHz	14428	145	24.75	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21702	35	27.13	\$799.99
Intel Core i9-9900K @ 3.60GHz	20145	48	38.01	\$529.99
Intel Core i9-9900X @ 3.50GHz	22995	25	24.21	\$949.99
Intel Core i9-9920X @ 3.50GHz	25925	11	17.54	\$1,478.33*
Intel Core i9-9940X @ 3.30GHz	27173	8	19.41	\$1,399.99
Intel Core i9-9960X @ 3.10GHz	30641	1	17.51	\$1,749.99
Intel Core i9-9980XE @ 3.00GHz	29506	2	12.28	\$2,403.55*
Intel Core m3-6Y30 @ 0.90GHz	3051	1242	10.86	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3550	1099	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3052	1241	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3461	1123	12.32	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3375	1146	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3243	1177	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3476	1118	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2702	1360	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1470	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core M-5Y10c @ 0.80GHz	2815	1321	10.02	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1315	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2477	1439	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1250	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2988	1262	10.64	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2538	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2531	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2448	NA	NA
Intel Core Solo U1300 @ 1.06GHz	271	2692	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2685	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2606	NA	NA
Intel E3000 @ 3.40GHz	2767	1336	NA	NA
Intel Pentium 4 1.40GHz	164	2792	NA	NA
Intel Pentium 4 1.50GHz	131	2809	NA	NA
Intel Pentium 4 1.60GHz	129	2811	NA	NA
Intel Pentium 4 1.70GHz	132	2808	NA	NA
Intel Pentium 4 1.80GHz	160	2795	NA	NA
Intel Pentium 4 1.90GHz	159	2796	NA	NA
Intel Pentium 4 2.00GHz	189	2774	NA	NA
Intel Pentium 4 2.20GHz	209	2756	NA	NA
Intel Pentium 4 2.26GHz	221	2744	NA	NA
Intel Pentium 4 2.40GHz	228	2737	NA	NA
Intel Pentium 4 2.50GHz	245	2722	NA	NA
Intel Pentium 4 2.53GHz	248	2718	NA	NA
Intel Pentium 4 2.60GHz	288	2664	NA	NA
Intel Pentium 4 2.66GHz	254	2710	NA	NA
Intel Pentium 4 2.80GHz	322	2612	NA	NA
Intel Pentium 4 2.93GHz	299	2646	NA	NA
Intel Pentium 4 3.00GHz	353	2583	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 3.06GHz	347	2587	NA	NA
Intel Pentium 4 3.20GHz	374	2555	NA	NA
Intel Pentium 4 3.40GHz	396	2533	NA	NA
Intel Pentium 4 3.46GHz	487	2428	NA	NA
Intel Pentium 4 3.60GHz	487	2429	NA	NA
Intel Pentium 4 3.73GHz	486	2432	NA	NA
Intel Pentium 4 3.80GHz	485	2434	NA	NA
Intel Pentium 4 3.83GHz	195	2769	NA	NA
Intel Pentium 4 4.00GHz	184	2779	NA	NA
Intel Pentium 4 1300MHz	119	2815	NA	NA
Intel Pentium 4 1400MHz	127	2812	NA	NA
Intel Pentium 4 1500MHz	125	2813	NA	NA
Intel Pentium 4 1600MHz	193	2773	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2799	NA	NA
Intel Pentium 4 1800MHz	162	2794	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2802	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2768	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2785	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2757	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2788	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 Mobile 1.90GHz	209	2755	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2764	NA	NA
Intel Pentium 5 2.66GHz	705	2309	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2091	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1160	2058	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2065	NA	NA
Intel Pentium 987 @ 1.50GHz	1231	2019	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	1922	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1349	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1249	NA	NA
Intel Pentium 2020M @ 2.40GHz	2274	1517	16.97	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2418	1457	18.05	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1658	1804	12.38	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1820	1719	13.58	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2116	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2289	1504	NA	NA
Intel Pentium 3556U @ 1.70GHz	1697	1778	NA	NA
Intel Pentium 3558U @ 1.70GHz	1681	1785	NA	NA
Intel Pentium 3560M @ 2.40GHz	2270	1520	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1997	NA	NA
Intel Pentium 3805U @ 1.90GHz	1981	1637	NA	NA
Intel Pentium 3825U @ 1.90GHz	2522	1419	NA	NA
Intel Pentium 4405U @ 2.10GHz	2924	1285	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1603	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2047	1608	12.72	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3141	1214	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2215	1540	13.76	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1830	NA	NA
Intel Pentium B940 @ 2.00GHz	1729	1756	57.77	\$29.94*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium B950 @ 2.10GHz	1717	1762	NA	NA
Intel Pentium B960 @ 2.20GHz	1853	1700	37.83	\$48.99*
Intel Pentium B970 @ 2.30GHz	1959	1648	38.44	\$50.99*
Intel Pentium B980 @ 2.40GHz	2030	1614	29.03	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1033	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	532	2396	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2340	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2369	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2306	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2292	NA	NA
Intel Pentium D 960 @ 3.60GHz	817	2256	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2230	5.50	\$157.95*
Intel Pentium E2160 @ 1.80GHz	997	2151	28.51	\$35.00*
Intel Pentium E2180 @ 2.00GHz	1088	2097	54.44	\$19.99*
Intel Pentium E2200 @ 2.20GHz	1203	2032	16.05	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2048	NA	NA
Intel Pentium E2220 @ 2.40GHz	1328	1957	8.41	\$157.95*
Intel Pentium E5200 @ 2.50GHz	1486	1885	16.53	\$89.95*
Intel Pentium E5300 @ 2.60GHz	1539	1858	77.18	\$19.95*
Intel Pentium E5400 @ 2.70GHz	1597	1838	79.93	\$19.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E5500 @ 2.80GHz	1640	1812	82.24	\$19.95*
Intel Pentium E5700 @ 3.00GHz	1738	1753	115.95	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1892	1680	63.11	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1710	1768	166.08	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1762	1736	11.16	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1867	1694	18.67	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1934	1658	113.89	\$16.99*
Intel Pentium E6800 @ 3.33GHz	1984	1635	22.30	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2215	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2171	NA	NA
Intel Pentium G620 @ 2.60GHz	2292	1503	91.73	\$24.99*
Intel Pentium G620T @ 2.20GHz	2028	1615	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2374	1475	23.74	\$100.00*
Intel Pentium G630T @ 2.30GHz	2089	1591	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2521	1420	28.02	\$90.00*
Intel Pentium G640T @ 2.40GHz	1979	1638	NA	NA
Intel Pentium G645 @ 2.90GHz	2588	1395	27.25	\$95.00*
Intel Pentium G645T @ 2.50GHz	2288	1505	NA	NA
Intel Pentium G840 @ 2.80GHz	2561	1407	73.22	\$34.99*
Intel Pentium G850 @ 2.90GHz	2664	1370	88.85	\$29.99*
Intel Pentium G860 @ 3.00GHz	2742	1348	91.46	\$29.99*
Intel Pentium G870 @ 3.10GHz	2814	1323	29.01	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2594	1391	74.38	\$34.89*
Intel Pentium G2020 @ 2.90GHz	2757	1344	46.00	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2469	1442	51.87	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2869	1306	71.75	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2513	1426	39.27	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1341	NA	NA
Intel Pentium G2120 @ 3.10GHz	3081	1232	19.32	\$159.55*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2130 @ 3.20GHz	3205	1189	64.12	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3384	1143	67.71	\$49.99*
Intel Pentium G3220 @ 3.00GHz	3131	1217	26.11	\$119.95*
Intel Pentium G3220T @ 2.60GHz	2568	1404	36.70	\$69.99*
Intel Pentium G3240 @ 3.10GHz	3159	1209	21.40	\$147.68*
Intel Pentium G3240T @ 2.70GHz	2866	1307	NA	NA
Intel Pentium G3250 @ 3.20GHz	3252	1172	29.57	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2971	1269	33.02	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3880	1013	20.61	\$188.28*
Intel Pentium G3260 @ 3.30GHz	3355	1151	31.96	\$104.99*
Intel Pentium G3260T @ 2.90GHz	2930	1281	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1468	NA	NA
Intel Pentium G3420 @ 3.20GHz	3397	1138	30.89	\$109.99*
Intel Pentium G3420T @ 2.70GHz	3008	1254	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1140	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3314	1159	20.72	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1225	NA	NA
Intel Pentium G3450 @ 3.40GHz	3700	1062	37.01	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1270	NA	NA
Intel Pentium G3460 @ 3.50GHz	3588	1087	12.45	\$288.20*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3470 @ 3.60GHz	3717	1058	35.65	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3552	1097	29.87	\$118.90*
Intel Pentium G4400T @ 2.90GHz	3221	1185	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1304	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3799	1035	38.39	\$98.99
Intel Pentium G4500T @ 3.00GHz	3471	1120	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	957	40.55	\$103.20*
Intel Pentium G4560 @ 3.50GHz	4869	825	45.15	\$107.86*
Intel Pentium G4560T @ 2.90GHz	3983	993	36.22	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5084	776	21.19	\$239.95*
Intel Pentium G4600T @ 3.00GHz	4266	939	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5211	758	45.85	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1859	1697	46.49	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1567	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2057	1605	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5198	761	5.15	\$1,009.99*
Intel Pentium Gold G5400T @ 3.10GHz	5048	791	78.89	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5214	757	54.89	\$94.99
Intel Pentium Gold G5500T @ 3.20GHz	4218	950	56.24	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5683	692	27.91	\$203.63*
Intel Pentium III 933S @ 933MHz	238	2731	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2669	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2684	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2628	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2649	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2645	NA	NA
Intel Pentium III Mobile 750MHz	103	2818	NA	NA
Intel Pentium III Mobile 800MHz	182	2782	NA	NA
Intel Pentium III Mobile 866MHz	152	2800	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 933MHz	218	2746	7.55	\$28.99*
Intel Pentium III Mobile 1000MHz	245	2721	NA	NA
Intel Pentium III Mobile 1066MHz	246	2720	NA	NA
Intel Pentium III Mobile 1133MHz	251	2714	NA	NA
Intel Pentium III Mobile 1200MHz	240	2728	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1709	NA	NA
Intel Pentium J2900 @ 2.41GHz	1962	1646	NA	NA
Intel Pentium J3710 @ 1.60GHz	1923	1664	NA	NA
Intel Pentium J4205 @ 1.50GHz	2302	1501	NA	NA
Intel Pentium M 1.10GHz	282	2675	NA	NA
Intel Pentium M 1.20GHz	298	2647	NA	NA
Intel Pentium M 1.30GHz	301	2639	NA	NA
Intel Pentium M 1.40GHz	345	2591	NA	NA
Intel Pentium M 1.50GHz	366	2568	NA	NA
Intel Pentium M 1.60GHz	365	2572	NA	NA
Intel Pentium M 1.70GHz	406	2516	NA	NA
Intel Pentium M 1.73GHz	413	2506	NA	NA
Intel Pentium M 1.80GHz	411	2508	NA	NA
Intel Pentium M 1.86GHz	438	2483	NA	NA
Intel Pentium M 2.00GHz	460	2461	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 2.10GHz	448	2471	NA	NA
Intel Pentium M 2.13GHz	504	2417	NA	NA
Intel Pentium M 2.26GHz	509	2414	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2439	NA	NA
Intel Pentium M 900MHz	217	2749	NA	NA
Intel Pentium M 1000MHz	233	2734	NA	NA
Intel Pentium M 1100MHz	259	2706	NA	NA
Intel Pentium M 1200MHz	237	2732	NA	NA
Intel Pentium M 1300MHz	303	2633	NA	NA
Intel Pentium M 1400MHz	321	2613	NA	NA
Intel Pentium M 1500MHz	354	2580	NA	NA
Intel Pentium M 1600MHz	332	2604	NA	NA
Intel Pentium M 1700MHz	377	2553	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1868	NA	NA
Intel Pentium N3520 @ 2.16GHz	1789	1730	NA	NA
Intel Pentium N3530 @ 2.16GHz	1894	1679	NA	NA
Intel Pentium N3540 @ 2.16GHz	1926	1660	7.68	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1832	1713	4.12	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1860	1696	NA	NA
Intel Pentium N4200 @ 1.10GHz	2023	1618	9.07	\$223.22*
Intel Pentium P6000 @ 1.87GHz	1244	2013	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	1959	110.50	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1348	1949	30.01	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1931	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2904	1293	13.21	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2425	1454	15.06	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2517	NA	NA
Intel Pentium SU4100 @ 1.30GHz	856	2238	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2245	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2060 @ 1.60GHz	663	2328	NA	NA
Intel Pentium T2080 @ 1.73GHz	704	2311	4.40	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2307	NA	NA
Intel Pentium T2310 @ 1.46GHz	733	2294	NA	NA
Intel Pentium T2330 @ 1.60GHz	830	2251	NA	NA
Intel Pentium T2370 @ 1.73GHz	843	2244	24.10	\$35.00*
Intel Pentium T2390 @ 1.86GHz	945	2193	NA	NA
Intel Pentium T2410 @ 2.00GHz	978	2164	NA	NA
Intel Pentium T3200 @ 2.00GHz	1030	2127	85.91	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1110	2079	12.35	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1150	2063	95.86	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1232	2017	NA	NA
Intel Pentium T4400 @ 2.20GHz	1284	1987	NA	NA
Intel Pentium T4500 @ 2.30GHz	1335	1955	NA	NA
Intel Pentium U5400 @ 1.20GHz	813	2261	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2186	NA	NA
Intel T1200 @ 1.50GHz	435	2489	NA	NA
Intel T1400 @ 1.73GHz	929	2202	NA	NA
Intel T1500 @ 1.86GHz	953	2184	NA	NA
Intel T2050 @ 2.00GHz	959	2181	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 2.00GHz	233	2733	NA	NA
Intel XEON 2.20GHz	252	2712	NA	NA
Intel Xeon 2.40GHz	276	2687	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2488	NA	NA
Intel Xeon 2.80GHz	400	2528	NA	NA
Intel Xeon 3.00GHz	391	2541	NA	NA
Intel Xeon 3.06GHz	491	2424	NA	NA
Intel Xeon 3.20GHz	461	2459	NA	NA
Intel Xeon 3.40GHz	478	2442	NA	NA
Intel Xeon 3.60GHz	509	2413	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2123	NA	NA
Intel Xeon 3.80GHz	604	2358	0.71	\$851.00*
Intel Xeon 1500MHz	193	2772	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1985	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	1970	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1869	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1865	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1731	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1707	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1849	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2107	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	2009	0.77	\$1,619.99
Intel Xeon 5130 @ 2.00GHz	1369	1935	43.53	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1836	NA	NA
Intel Xeon 5140 @ 2.33GHz	1644	1809	35.00	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1842	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1753	1742	16.86	\$103.99*
Intel Xeon 5160 @ 3.00GHz	1963	1645	153.17	\$12.82*
Intel Xeon @ 2.20GHz	1902	1674	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Bronze 3104 @ 1.70GHz	5664	697	24.84	\$227.99*
Intel Xeon D-1518 @ 2.20GHz	5322	748	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	684	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	564	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	443	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	319	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	489	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	253	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11069	233	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	460	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	143	NA	NA
Intel Xeon D-1587 @ 1.70GHz	13950	157	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	451	38.22	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	186	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	163	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18627	66	10.56	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6092	649	105.05	\$58.00*
Intel Xeon E3-1220 V2 @ 3.10GHz	6689	591	91.64	\$73.00*
Intel Xeon E3-1220 v3 @ 3.10GHz	7119	550	48.11	\$148.00*
Intel Xeon E3-1220 v5 @ 3.00GHz	7749	488	37.44	\$206.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1220 v6 @ 3.00GHz	7859	475	36.56	\$214.99
Intel Xeon E3-1220L @ 2.20GHz	3563	1095	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	911	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1583	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5911	666	53.26	\$111.00*
Intel Xeon E3-1225 V2 @ 3.20GHz	6872	573	86.99	\$79.00*
Intel Xeon E3-1225 v3 @ 3.20GHz	7223	542	49.48	\$146.00*
Intel Xeon E3-1225 v5 @ 3.30GHz	7817	481	29.16	\$268.04*
Intel Xeon E3-1225 v6 @ 3.30GHz	8136	452	34.63	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7538	507	22.50	\$335.07*
Intel Xeon E3-1230 @ 3.20GHz	7848	478	75.47	\$104.00*
Intel Xeon E3-1230 V2 @ 3.30GHz	8857	397	61.51	\$144.00*
Intel Xeon E3-1230 v3 @ 3.30GHz	9316	351	29.86	\$312.00*
Intel Xeon E3-1230 v5 @ 3.40GHz	9785	314	34.95	\$279.99*
Intel Xeon E3-1230 v6 @ 3.50GHz	9851	306	36.49	\$269.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	541	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9629	325	17.20	\$559.95*
Intel Xeon E3-1235 @ 3.20GHz	7680	496	31.48	\$244.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	610	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7958	470	60.29	\$132.00*
Intel Xeon E3-1240 V2 @ 3.40GHz	9142	365	39.92	\$229.00*
Intel Xeon E3-1240 v3 @ 3.40GHz	9655	324	25.12	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10368	262	30.35	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10335	266	34.45	\$299.99
Intel Xeon E3-1240L v3 @ 2.00GHz	7513	510	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	485	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10015	292	24.78	\$404.25*
Intel Xeon E3-1245 @ 3.30GHz	7999	467	39.41	\$203.00*
Intel Xeon E3-1245 V2 @ 3.40GHz	9124	370	52.14	\$175.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1245 v3 @ 3.40GHz	9567	329	30.96	\$309.00*
Intel Xeon E3-1245 v5 @ 3.50GHz	10182	275	29.49	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10553	254	34.04	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9855	305	24.10	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6534	604	76.32	\$85.62*
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	272	20.69	\$494.00*
Intel Xeon E3-1265L @ 2.40GHz	6038	655	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7353	526	51.64	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	9210	362	12.97	\$709.95*
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	376	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	477	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	410	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8238	440	25.99	\$317.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9466	339	33.54	\$282.22*
Intel Xeon E3-1270 v3 @ 3.50GHz	9904	301	26.77	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10296	269	21.36	\$482.00*
Intel Xeon E3-1270 v6 @ 3.80GHz	11144	228	31.84	\$349.99
Intel Xeon E3-1270L v4 @ 3.00GHz	10697	249	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10089	284	11.36	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8328	436	27.40	\$304.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1275 V2 @ 3.50GHz	9447	344	23.93	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	9901	302	24.69	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10358	264	18.73	\$553.00*
Intel Xeon E3-1275 v6 @ 3.80GHz	11127	229	30.40	\$365.99
Intel Xeon E3-1275L v3 @ 2.70GHz	8906	392	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10177	276	9.49	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8465	425	23.01	\$368.00*
Intel Xeon E3-1280 V2 @ 3.60GHz	9448	342	11.00	\$859.00*
Intel Xeon E3-1280 v3 @ 3.60GHz	9775	317	14.02	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	250	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	223	20.23	\$562.00*
Intel Xeon E3-1281 v3 @ 3.70GHz	10349	265	11.79	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10359	263	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	256	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	214	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	297	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	11048	235	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	303	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	334	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	408	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	322	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	623	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8927	391	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9840	307	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10093	283	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9308	352	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10603	252	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10449	259	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10755	244	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1585 v5 @ 3.50GHz	10743	246	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	279	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	535	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	519	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5574	706	21.23	\$262.59*
Intel Xeon E5-1603 v3 @ 2.80GHz	6181	637	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6432	612	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5883	668	267.56	\$21.99*
Intel Xeon E5-1607 v2 @ 3.00GHz	6208	635	19.84	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6961	565	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	538	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9049	377	27.43	\$329.93*
Intel Xeon E5-1620 v2 @ 3.70GHz	9469	338	135.30	\$69.99*
Intel Xeon E5-1620 v3 @ 3.50GHz	9768	318	61.06	\$159.99*
Intel Xeon E5-1620 v4 @ 3.50GHz	9921	299	31.01	\$319.99
Intel Xeon E5-1630 v3 @ 3.70GHz	10261	270	17.16	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10321	267	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11719	218	22.98	\$509.95*
Intel Xeon E5-1650 v2 @ 3.50GHz	12733	190	105.44	\$120.76*
Intel Xeon E5-1650 v3 @ 3.50GHz	13627	169	20.65	\$660.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1650 v4 @ 3.60GHz	14241	150	22.57	\$630.99
Intel Xeon E5-1660 @ 3.30GHz	12361	201	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13856	161	7.66	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14565	141	9.01	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16161	105	13.14	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16167	104	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16431	94	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	84	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	73	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1106	10.37	\$339.97*
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1131	18.09	\$189.00*
Intel Xeon E5-2407 @ 2.20GHz	4027	982	12.02	\$335.04*
Intel Xeon E5-2407 v2 @ 2.40GHz	4498	896	9.44	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	760	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	556	18.06	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8632	417	41.30	\$209.00*
Intel Xeon E5-2430 @ 2.20GHz	6878	572	26.46	\$259.99*
Intel Xeon E5-2430 v2 @ 2.50GHz	8833	400	88.34	\$100.00*
Intel Xeon E5-2430L @ 2.00GHz	7269	537	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	597	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	363	183.72	\$49.96*
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	353	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	387	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	274	27.61	\$369.00*
Intel Xeon E5-2450L @ 1.80GHz	8261	438	103.28	\$79.99*
Intel Xeon E5-2470 @ 2.30GHz	10061	288	31.77	\$316.72*
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	187	25.22	\$509.00*
Intel Xeon E5-2603 @ 1.80GHz	3580	1091	16.61	\$215.55*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1043	127.15	\$29.62*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	765	25.90	\$199.99*
Intel Xeon E5-2603 v4 @ 1.70GHz	5451	726	23.70	\$229.99
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	476	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4616	869	67.24	\$68.65*
Intel Xeon E5-2609 v2 @ 2.50GHz	5149	768	35.02	\$147.03*
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	663	14.89	\$399.00*
Intel Xeon E5-2609 v4 @ 1.70GHz	6890	571	21.53	\$319.99
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	208	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	139	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7911	472	49.45	\$159.99
Intel Xeon E5-2620 v2 @ 2.10GHz	8688	412	197.96	\$43.89*
Intel Xeon E5-2620 v3 @ 2.40GHz	10015	291	45.20	\$221.61*
Intel Xeon E5-2620 v4 @ 2.10GHz	11376	222	27.15	\$418.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	386	22.20	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8457	427	15.40	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	347	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12164	209	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	181	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	237	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8860	396	92.99	\$95.28

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2630 v2 @ 2.60GHz	10371	261	16.73	\$619.99
Intel Xeon E5-2630 v3 @ 2.40GHz	12799	188	25.15	\$509.00*
Intel Xeon E5-2630 v4 @ 2.20GHz	13909	159	20.16	\$689.99
Intel Xeon E5-2630L @ 2.00GHz	7865	474	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	373	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9476	337	12.60	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	185	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9447	343	15.54	\$607.99*
Intel Xeon E5-2637 v3 @ 3.50GHz	10144	277	7.83	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	258	9.65	\$1,085.28
Intel Xeon E5-2640 @ 2.50GHz	9416	345	86.10	\$109.36
Intel Xeon E5-2640 v2 @ 2.00GHz	10143	278	67.03	\$151.32
Intel Xeon E5-2640 v3 @ 2.60GHz	13914	158	11.71	\$1,188.74*
Intel Xeon E5-2640 v4 @ 2.40GHz	15329	124	15.31	\$1,001.17
Intel Xeon E5-2643 @ 3.30GHz	8436	428	3.79	\$2,226.00*
Intel Xeon E5-2643 v2 @ 3.50GHz	13030	182	78.81	\$165.34*
Intel Xeon E5-2643 v3 @ 3.40GHz	13844	162	5.52	\$2,509.95*
Intel Xeon E5-2643 v4 @ 3.40GHz	13655	166	7.42	\$1,841.05
Intel Xeon E5-2648L @ 1.80GHz	7426	520	NA	NA
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	221	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	167	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	136	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10104	282	93.56	\$108.00*
Intel Xeon E5-2650 v2 @ 2.60GHz	13146	179	11.72	\$1,121.99
Intel Xeon E5-2650 v3 @ 2.30GHz	14848	134	41.25	\$359.99*
Intel Xeon E5-2650 v4 @ 2.20GHz	15852	116	13.21	\$1,199.99
Intel Xeon E5-2650L @ 1.80GHz	8676	413	109.83	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9777	316	65.61	\$149.02*
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	174	9.66	\$1,399.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	154	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	225	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	336	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	152	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	101	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	88	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11067	234	88.22	\$125.46
Intel Xeon E5-2660 v2 @ 2.20GHz	13235	177	9.05	\$1,462.99
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	103	12.22	\$1,324.00*
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	87	11.25	\$1,499.99
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	156	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11566	220	77.97	\$148.34*
Intel Xeon E5-2667 @ 2.90GHz	10400	260	160.13	\$64.95*
Intel Xeon E5-2667 v2 @ 3.30GHz	16186	102	21.20	\$763.56*
Intel Xeon E5-2667 v3 @ 3.20GHz	16119	106	6.09	\$2,649.00*
Intel Xeon E5-2667 v4 @ 3.20GHz	16447	93	7.19	\$2,287.99
Intel Xeon E5-2670 @ 2.60GHz	12135	210	71.02	\$170.87*
Intel Xeon E5-2670 v2 @ 2.50GHz	14995	133	85.21	\$175.99*
Intel Xeon E5-2670 v3 @ 2.30GHz	16303	100	15.42	\$1,057.29*
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	98	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2673 v3 @ 2.40GHz	16664	90	23.81	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	38	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15073	128	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	79	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	86	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	16	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12645	194	72.90	\$173.47
Intel Xeon E5-2680 v2 @ 2.80GHz	15900	112	83.69	\$189.99*
Intel Xeon E5-2680 v3 @ 2.50GHz	18592	68	26.60	\$699.00*
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	53	11.28	\$1,762.90*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	45	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17405	80	8.77	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	64	9.12	\$2,087.48*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	132	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	62	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	55	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14364	147	34.61	\$415.00*
Intel Xeon E5-2687W v2 @ 3.40GHz	16474	92	7.82	\$2,105.59*
Intel Xeon E5-2687W v3 @ 3.10GHz	17730	77	5.89	\$3,008.95*
Intel Xeon E5-2687W v4 @ 3.00GHz	19864	54	9.04	\$2,196.99
Intel Xeon E5-2689 @ 2.60GHz	13427	176	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19931	52	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13614	171	85.63	\$159.00*
Intel Xeon E5-2690 v2 @ 3.00GHz	16423	95	60.29	\$272.40*
Intel Xeon E5-2690 v3 @ 2.60GHz	19185	63	8.66	\$2,215.86*
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	40	9.83	\$2,169.99
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	109	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15768	118	8.86	\$1,779.95*
Intel Xeon E5-2695 v3 @ 2.30GHz	20081	49	9.99	\$2,009.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	46	7.70	\$2,630.11*
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	91	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	26	9.00	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21088	43	7.01	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17294	81	8.76	\$1,974.91*
Intel Xeon E5-2697 v3 @ 2.60GHz	21368	39	29.07	\$735.00*
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	37	7.75	\$2,775.99
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	27	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21133	41	6.17	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	33	6.02	\$3,629.59
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	28	4.97	\$4,505.95*
Intel Xeon E5-2699 v4 @ 2.20GHz	23200	24	5.15	\$4,504.50*
Intel Xeon E5-4603 @ 2.00GHz	5014	800	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	360	NA	NA
Intel Xeon E5-4617 @ 2.90GHz	9029	382	100.44	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	455	43.00	\$189.00*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	142	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	120	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	255	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	191	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	232	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11860	216	124.21	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	217	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	202	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	114	5.30	\$3,000.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15556	119	3.24	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	170	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1220	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2167	1558	94.26	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1453	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1532	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1919	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1455	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1521	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1506	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1425	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2923	1286	73.12	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2850	1311	48.31	\$59.00*
Intel Xeon E5410 @ 2.33GHz	3256	1170	55.19	\$59.00*
Intel Xeon E5420 @ 2.50GHz	3499	1110	13.46	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3770	1041	54.64	\$69.00*
Intel Xeon E5440 @ 2.83GHz	3975	996	209.77	\$18.95*
Intel Xeon E5450 @ 3.00GHz	4188	955	77.56	\$54.00*
Intel Xeon E5462 @ 2.80GHz	3870	1015	141.78	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4114	971	136.96	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	1932	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1921	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2687	1363	38.43	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2975	1267	196.17	\$15.17*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5507 @ 2.27GHz	3137	1215	6.87	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4435	906	201.71	\$21.99*
Intel Xeon E5530 @ 2.40GHz	4564	879	217.44	\$20.99*
Intel Xeon E5540 @ 2.53GHz	4807	836	106.84	\$45.00*
Intel Xeon E5603 @ 1.60GHz	2366	1481	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3050	1243	13.93	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3387	1142	15.47	\$219.00*
Intel Xeon E5620 @ 2.40GHz	4810	834	79.41	\$60.58
Intel Xeon E5630 @ 2.53GHz	5088	775	28.27	\$179.95*
Intel Xeon E5640 @ 2.67GHz	5256	754	88.36	\$59.49*
Intel Xeon E5645 @ 2.40GHz	6431	613	80.41	\$79.99*
Intel Xeon E5649 @ 2.53GHz	6936	568	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1458	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	479	40.54	\$193.00*
Intel Xeon E-2124G @ 3.40GHz	9793	311	39.18	\$249.99
Intel Xeon E-2126G @ 3.30GHz	14051	155	46.84	\$299.99
Intel Xeon E-2134 @ 3.50GHz	10310	268	35.56	\$289.99
Intel Xeon E-2136 @ 3.30GHz	16087	107	51.07	\$314.99
Intel Xeon E-2144G @ 3.60GHz	11214	226	NA	NA
Intel Xeon E-2146G @ 3.50GHz	15876	115	44.72	\$354.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2174G @ 3.80GHz	12188	207	34.05	\$357.99
Intel Xeon E-2176G @ 3.70GHz	15022	130	41.50	\$362.00*
Intel Xeon E-2176M @ 2.70GHz	13899	160	30.89	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	15406	122	29.35	\$524.99*
Intel Xeon E-2186M @ 2.90GHz	14632	138	23.49	\$623.00*
Intel Xeon Gold 5118 @ 2.30GHz	16389	96	11.95	\$1,371.46
Intel Xeon Gold 5120 @ 2.20GHz	16308	99	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	74	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	11104	231	8.74	\$1,269.99
Intel Xeon Gold 6126 @ 2.60GHz	19711	56	10.13	\$1,944.99
Intel Xeon Gold 6128 @ 3.40GHz	15031	129	8.16	\$1,842.27*
Intel Xeon Gold 6130 @ 2.10GHz	19277	61	9.89	\$1,949.99*
Intel Xeon Gold 6132 @ 2.60GHz	23907	22	10.88	\$2,198.00*
Intel Xeon Gold 6134 @ 3.20GHz	18083	75	7.90	\$2,289.99
Intel Xeon Gold 6136 @ 3.00GHz	21079	44	8.07	\$2,612.99*
Intel Xeon Gold 6138 @ 2.00GHz	25416	14	9.48	\$2,679.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	21	9.82	\$2,439.99
Intel Xeon Gold 6144 @ 3.50GHz	19654	57	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	17	7.55	\$3,331.99
Intel Xeon Gold 6148 @ 2.40GHz	26660	9	9.08	\$2,935.00*
Intel Xeon Gold 6154 @ 3.00GHz	27722	7	7.22	\$3,839.78*
Intel Xeon L3110 @ 3.00GHz	2273	1518	NA	NA
Intel Xeon L3360 @ 2.83GHz	3864	1017	43.31	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1953	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	1022	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1717	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1519	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1515	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1566	30.52	\$69.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5335 @ 2.00GHz	2756	1345	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3037	1247	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1147	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3505	1109	127.48	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3718	1057	23.54	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1059	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	918	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	924	225.95	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4369	920	67.22	\$65.00*
Intel Xeon L5638 @ 2.00GHz	5556	708	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	574	NA	NA
Intel Xeon L5640 @ 2.27GHz	6344	625	211.71	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1023	NA	NA
Intel Xeon MV 3.20GHz	683	2322	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26652	10	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	28683	4	4.87	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	3	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	5	NA	NA
Intel Xeon Silver 4108 @ 1.80GHz	10664	251	23.70	\$449.99
Intel Xeon Silver 4109T @ 2.00GHz	10946	240	21.85	\$501.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Silver 4110 @ 2.10GHz	12020	212	22.68	\$529.99
Intel Xeon Silver 4112 @ 2.60GHz	8611	418	17.40	\$494.99
Intel Xeon Silver 4114 @ 2.20GHz	14312	149	19.13	\$747.99
Intel Xeon Silver 4116 @ 2.10GHz	15320	125	14.59	\$1,049.99
Intel Xeon Silver 4123 @ 3.00GHz	15185	126	NA	NA
Intel Xeon W3503 @ 2.40GHz	1755	1741	108.22	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1856	1698	NA	NA
Intel Xeon W3520 @ 2.67GHz	5057	787	175.91	\$28.75*
Intel Xeon W3530 @ 2.80GHz	5359	739	18.23	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	719	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5694	690	94.99	\$59.95*
Intel Xeon W3565 @ 3.20GHz	5943	662	84.97	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6076	652	12.66	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6404	619	29.86	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8150	450	16.30	\$499.99*
Intel Xeon W3680 @ 3.33GHz	9039	378	11.89	\$759.95*
Intel Xeon W3690 @ 3.47GHz	9135	368	9.14	\$1,000.00*
Intel Xeon W5580 @ 3.20GHz	5836	675	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	636	2.46	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	7030	559	20.09	\$349.99*
Intel Xeon W-2104 @ 3.20GHz	7439	517	29.17	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10718	248	29.72	\$360.67*
Intel Xeon W-2125 @ 4.00GHz	12378	200	24.60	\$503.10*
Intel Xeon W-2133 @ 3.60GHz	14107	153	22.87	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16325	97	17.72	\$921.05*
Intel Xeon W-2140B @ 3.20GHz	18603	67	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19654	58	16.14	\$1,217.68
Intel Xeon W-2150B @ 3.00GHz	21543	36	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21921	30	14.32	\$1,530.39*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2175 @ 2.50GHz	24751	19	12.71	\$1,947.00*
Intel Xeon W-2195 @ 2.30GHz	24983	18	8.94	\$2,794.91*
Intel Xeon X3210 @ 2.13GHz	2739	1350	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1229	14.71	\$209.95*
Intel Xeon X3230 @ 2.66GHz	3398	1137	9.44	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3309	1163	14.42	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3167	1202	163.59	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3379	1145	16.09	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1029	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1019	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3954	1003	25.04	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3994	989	117.18	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	937	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	857	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3357	1150	159.49	\$21.05*
Intel Xeon X3440 @ 2.53GHz	4541	886	20.19	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4775	843	59.74	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5068	784	14.20	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5122	771	10.04	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	698	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5260 @ 3.33GHz	2455	1443	17.63	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2553	1410	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1467	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3181	1197	77.61	\$41.00*
Intel Xeon X5365 @ 3.00GHz	3491	1111	35.09	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4115	970	68.64	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4332	929	43.42	\$99.78*
Intel Xeon X5470 @ 3.33GHz	4590	877	24.29	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4000	987	17.78	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4539	888	45.39	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	827	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5387	734	311.96	\$17.27*
Intel Xeon X5560 @ 2.80GHz	5399	733	28.42	\$189.99
Intel Xeon X5570 @ 2.93GHz	5679	693	63.81	\$89.00*
Intel Xeon X5647 @ 2.93GHz	5980	658	29.94	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7400	524	7.04	\$1,050.99
Intel Xeon X5660 @ 2.80GHz	7603	504	83.49	\$91.07*
Intel Xeon X5667 @ 3.07GHz	6291	628	79.63	\$79.00*
Intel Xeon X5670 @ 2.93GHz	7908	473	76.17	\$103.83
Intel Xeon X5672 @ 3.20GHz	6419	617	22.63	\$283.72*
Intel Xeon X5675 @ 3.07GHz	8211	442	102.66	\$79.99*
Intel Xeon X5677 @ 3.47GHz	6982	563	66.50	\$105.00*
Intel Xeon X5679 @ 3.20GHz	8845	398	NA	NA
Intel Xeon X5680 @ 3.33GHz	8540	421	5.20	\$1,641.99
Intel Xeon X5687 @ 3.60GHz	7081	553	64.97	\$109.00*
Intel Xeon X5690 @ 3.47GHz	8889	394	63.96	\$139.00*
Intel Xeon X5698 @ 4.40GHz	4272	938	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1266	NA	NA
Mobile AMD Athlon 4	314	2623	3.62	\$86.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon 4 2400+	358	2577	NA	NA
Mobile AMD Athlon 64 2700+	398	2529	NA	NA
Mobile AMD Athlon 64 2800+	440	2480	NA	NA
Mobile AMD Athlon 64 3000+	450	2468	NA	NA
Mobile AMD Athlon 64 3200+	448	2472	NA	NA
Mobile AMD Athlon 64 3400+	511	2412	NA	NA
Mobile AMD Athlon 64 3700+	435	2490	NA	NA
Mobile AMD Athlon 64 4000+	576	2372	NA	NA
Mobile AMD Athlon 1400+	266	2698	NA	NA
Mobile AMD Athlon 2500+	370	2562	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2699	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2551	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2653	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2422	NA	NA
Mobile AMD Athlon XP	572	2376	45.81	\$12.49*
Mobile AMD Athlon XP-M	512	2411	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2780	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2702	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2704	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2610	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 1800+	297	2648	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2595	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2641	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2573	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2590	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2588	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2561	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2570	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2569	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2481	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2430	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2415	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2660	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2652	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2600	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2559	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2445	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2416	NA	NA
Mobile AMD Sempron 2100+	252	2713	NA	NA
Mobile AMD Sempron 2600+	394	2536	NA	NA
Mobile AMD Sempron 2800+	361	2575	NA	NA
Mobile AMD Sempron 3000+	389	2545	NA	NA
Mobile AMD Sempron 3100+	416	2503	NA	NA
Mobile AMD Sempron 3200+	354	2581	NA	NA
Mobile AMD Sempron 3300+	445	2475	NA	NA
Mobile AMD Sempron 3400+	441	2479	NA	NA
Mobile AMD Sempron 3500+	408	2514	NA	NA
Mobile AMD Sempron 3600+	427	2498	NA	NA
Mobile AMD Sempron 3800+	485	2435	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Celeron 1.20GHz	170	2791	NA	NA
Mobile Intel Celeron 1.50GHz	188	2775	NA	NA
Mobile Intel Celeron 1.60GHz	188	2776	NA	NA
Mobile Intel Celeron 1.70GHz	181	2784	NA	NA
Mobile Intel Celeron 1.80GHz	186	2778	NA	NA
Mobile Intel Celeron 2.00GHz	204	2760	NA	NA
Mobile Intel Celeron 2.20GHz	226	2740	NA	NA
Mobile Intel Celeron 2.40GHz	239	2729	NA	NA
Mobile Intel Celeron 2.50GHz	281	2678	NA	NA
Mobile Intel Celeron 1200MHz	294	2654	NA	NA
Mobile Intel Celeron 1333MHz	280	2681	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2686	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2701	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2683	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2620	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2598	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2578	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2482	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2443	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2770	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 - M 1.70GHz	173	2790	0.62	\$279.99*
Mobile Intel Pentium 4 - M 1.80GHz	175	2787	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2735	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2765	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2767	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2751	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2708	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2624	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2754	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2766	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2717	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2658	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2741	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2659	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1431	NA	NA
Quad-Core AMD Opteron 1385	3442	1127	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3427	1129	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1284	NA	NA
VIA C3 Ezra	100	2819	NA	NA
VIA C7 1500MHz	284	2670	NA	NA
VIA C7-D 1500MHz	287	2666	NA	NA
VIA C7-D 1800MHz	203	2762	NA	NA
VIA C7-D 2000MHz	368	2565	NA	NA
VIA C7-M 1000MHz	164	2793	NA	NA
VIA C7-M 1200MHz	140	2806	NA	NA
VIA C7-M 1600MHz	178	2786	NA	NA
VIA C7-M 6300MHz	222	2743	NA	NA
VIA Eden 800MHz	155	2797	NA	NA
VIA Eden 1000MHz	123	2814	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	2805	NA	NA
VIA Eden C1050@1.06GHz	352	2584	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2441	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	2067	NA	NA
VIA Esther 1000MHz	146	2804	NA	NA
VIA Esther 1300MHz	250	2715	NA	NA
VIA Esther 1500MHz	219	2745	NA	NA
VIA Esther 2000MHz	394	2535	NA	NA
VIA Nano L1900@1400MHz	457	2463	NA	NA
VIA Nano L2007@1600MHz	369	2563	NA	NA
VIA Nano L2100@1800MHz	428	2496	NA	NA
VIA Nano L2207@1600MHz	296	2650	NA	NA
VIA Nano L3025@1600MHz	517	2407	NA	NA
VIA Nano L3050@1800MHz	581	2370	NA	NA
VIA Nano L3600@2000MHz	645	2336	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2552	NA	NA
VIA Nano U2250@1300+MHz	274	2690	NA	NA
VIA Nano U2500@1200MHz	306	2632	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2419	NA	NA
VIA Nano U3300@1200MHz	409	2509	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano U3500@1000MHz	275	2688	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2356	NA	NA
VIA Nehemiah	155	2798	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1677	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1937	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2049	NA	NA
VIA Samuel 2	79	2821	NA	NA

* - Last price seen from our affiliates.

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Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	287	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	120	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	390	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	396	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	442	NA	NA
[Dual CPU] AMD EPYC 7281	12720	173	9.19	\$1,383.98
[Dual CPU] AMD EPYC 7371	23933	60	NA	NA
[Dual CPU] AMD EPYC 7401	23518	63	6.01	\$3,913.98
[Dual CPU] AMD EPYC 7451	28957	29	5.68	\$5,097.98
[Dual CPU] AMD EPYC 7501	28111	36	3.87	\$7,265.98
[Dual CPU] AMD EPYC 7551	30966	21	4.28	\$7,227.98
[Dual CPU] AMD EPYC 7601	33545	15	3.79	\$8,841.98
[Dual CPU] AMD Opteron 246	1130	431	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	432	5.27	\$199.90*
[Dual CPU] AMD Opteron 250	1438	428	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1385	429	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	437	NA	NA
[Dual CPU] AMD Opteron 256	1853	425	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	423	6.28	\$319.90*
[Dual CPU] AMD Opteron 270	2226	419	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	422	16.41	\$129.98*
[Dual CPU] AMD Opteron 280	2452	414	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	405	NA	NA
[Dual CPU] AMD Opteron 290	2807	402	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	400	NA	NA
[Dual CPU] AMD Opteron 2212	2203	420	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	415	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	412	NA	NA
[Dual CPU] AMD Opteron 2216	2485	411	54.31	\$45.76*
[Dual CPU] AMD Opteron 2216 HE	2593	408	NA	NA
[Dual CPU] AMD Opteron 2218	2719	406	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	409	NA	NA
[Dual CPU] AMD Opteron 2220	2854	399	0.97	\$2,950.32*
[Dual CPU] AMD Opteron 2220 SE	2882	398	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	394	0.90	\$3,329.96*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2222 SE	3257	388	45.30	\$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	378	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	385	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	379	7.55	\$539.98*
[Dual CPU] AMD Opteron 2354	4554	367	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	370	12.22	\$363.30*
[Dual CPU] AMD Opteron 2360 SE	5315	349	98.43	\$54.00*
[Dual CPU] AMD Opteron 2373 EE	4164	376	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	363	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	350	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	348	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	336	63.93	\$90.00*
[Dual CPU] AMD Opteron 2384	5914	332	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	322	NA	NA
[Dual CPU] AMD Opteron 2389	5677	337	48.11	\$118.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2419	5191	352	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	324	NA	NA
[Dual CPU] AMD Opteron 2427	5907	333	29.83	\$198.00*
[Dual CPU] AMD Opteron 2431	6438	316	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7060	302	18.68	\$378.00*
[Dual CPU] AMD Opteron 2439 SE	8071	272	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	380	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	339	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	319	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	317	33.18	\$191.88*
[Dual CPU] AMD Opteron 4184	7848	278	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	271	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	275	NA	NA
[Dual CPU] AMD Opteron 4234	9361	241	20.35	\$459.98*
[Dual CPU] AMD Opteron 4276 HE	9681	234	NA	NA
[Dual CPU] AMD Opteron 4280	4525	368	45.25	\$100.00*
[Dual CPU] AMD Opteron 4284	9151	242	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9456	240	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	213	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	221	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	199	40.57	\$279.98*
[Dual CPU] AMD Opteron 6128	6881	307	23.09	\$298.00*
[Dual CPU] AMD Opteron 6128 HE	5582	342	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	256	NA	NA
[Dual CPU] AMD Opteron 6134	7586	289	86.22	\$87.98*
[Dual CPU] AMD Opteron 6136	7255	296	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	355	NA	NA
[Dual CPU] AMD Opteron 6168	7741	284	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7621	288	38.49	\$198.00*
[Dual CPU] AMD Opteron 6174	8056	274	40.69	\$198.00*
[Dual CPU] AMD Opteron 6176 SE	8448	261	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	391	NA	NA
[Dual CPU] AMD Opteron 6204	7134	299	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8955	247	149.30	\$59.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6220	10740	208	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	224	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	215	86.26	\$119.98*
[Dual CPU] AMD Opteron 6272	10008	228	83.41	\$119.98*
[Dual CPU] AMD Opteron 6274	10536	211	114.55	\$91.98*
[Dual CPU] AMD Opteron 6275	10900	207	NA	NA
[Dual CPU] AMD Opteron 6276	10194	223	30.16	\$338.00*
[Dual CPU] AMD Opteron 6284 SE	11985	187	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	263	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10716	209	26.79	\$399.98*
[Dual CPU] AMD Opteron 6328	11842	190	29.61	\$399.98*
[Dual CPU] AMD Opteron 6344	11203	202	14.40	\$778.00*
[Dual CPU] AMD Opteron 6348	11412	196	28.53	\$399.98*
[Dual CPU] AMD Opteron 6376	10405	214	16.78	\$620.00*
[Dual CPU] AMD Opteron 6378	2905	397	7.26	\$399.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6380	14200	156	71.01	\$199.98*
[Dual CPU] AMD Opteron 6386 SE	12195	183	40.65	\$299.98*
[Dual CPU] AMD Opteron 8218	2831	401	67.40	\$42.00*
[Dual CPU] AMD Opteron 8220	2510	410	50.22	\$49.98*
[Dual CPU] AMD Opteron 8222 SE	2793	404	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	389	73.25	\$44.00*
[Dual CPU] AMD Opteron 8380	5643	340	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	351	NA	NA
[Dual CPU] AMD Opteron 8389	6517	313	41.25	\$158.00*
[Dual CPU] AMD Opteron 8431	5813	334	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	310	46.80	\$144.00*
[Dual CPU] AMD Opteron 8439 SE	7691	286	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	430	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	417	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	384	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	277	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	451	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	449	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	445	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	447	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	452	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	453	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	450	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	448	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	443	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	439	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	775	438	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	441	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	436	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	435	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	434	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	424	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	433	0.58	\$1,702.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2152	421	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	416	0.71	\$3,239.98
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2617	407	41.59	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	392	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2978	395	31.69	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	393	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3439	386	16.54	\$207.98*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3831	382	149.41	\$25.64*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8809	252	19.32	\$455.98*
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11024	205	16.70	\$659.98
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	325	9.12	\$679.94*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	321	16.68	\$378.00*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7436	292	11.10	\$670.08*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	245	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11387	198	14.60	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11738	192	28.08	\$418.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	265	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	163	26.23	\$519.98*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	159	68.82	\$200.00*
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	197	54.76	\$207.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	178	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	172	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	160	18.59	\$738.00*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	131	20.24	\$818.00*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	193	73.23	\$159.98*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	130	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	114	18.24	\$1,018.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	320	14.71	\$431.10*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	312	110.06	\$59.24*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8385	262	20.96	\$399.98*
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8910	251	19.37	\$459.98
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8220	268	59.87	\$137.30*
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8957	246	30.46	\$294.06*
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9984	229	12.51	\$798.00*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	206	17.18	\$639.98
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12338	179	38.56	\$319.98
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13388	169	152.52	\$87.78*
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15209	145	34.31	\$443.22*
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16480	132	19.67	\$837.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14238	154	17.58	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	176	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	150	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13595	168	71.34	\$190.56
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16009	137	12.91	\$1,239.98
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18495	115	18.17	\$1,018.00*
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18756	113	13.59	\$1,379.98
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	203	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	161	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	146	10.10	\$1,503.84*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	294	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15852	141	13.04	\$1,215.98*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16420	133	6.34	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16656	129	7.67	\$2,170.56
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14660	149	67.03	\$218.72
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14464	152	47.79	\$302.64
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20181	101	8.49	\$2,377.48*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20786	95	10.38	\$2,002.34
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13667	162	3.07	\$4,452.00*
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21039	89	63.62	\$330.68*
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21034	90	4.19	\$5,019.90*
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	82	5.85	\$3,682.10
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	182	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	14156	157	4.79	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	119	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	14948	147	69.20	\$216.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18988	110	8.46	\$2,243.98
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20362	98	28.28	\$719.98*
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20600	97	8.58	\$2,399.98
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	153	91.04	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14506	151	48.67	\$298.04*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	91	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13634	164	4.66	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	112	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	107	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16327	134	65.07	\$250.92
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18156	118	6.21	\$2,925.98
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22592	75	8.53	\$2,648.00*
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23128	71	7.71	\$2,999.98
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	70	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17131	124	57.74	\$296.68*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	53	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16940	125	130.41	\$129.90*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22431	77	14.69	\$1,527.12*
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23104	72	4.36	\$5,298.00*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23927	61	5.23	\$4,575.98
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18172	117	53.17	\$341.74*
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20911	92	59.41	\$351.98*
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	79	10.58	\$2,114.58*
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	65	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	69	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	26	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	102	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	84	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	25	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18208	116	52.48	\$346.94
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21438	85	56.42	\$379.98*
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24608	56	17.60	\$1,398.00*
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	66	6.63	\$3,525.80*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	126	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21159	88	5.33	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	52	5.99	\$4,174.96*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	80	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	42	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	32	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20905	93	25.19	\$830.00*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23319	68	5.54	\$4,211.18*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24146	58	4.01	\$6,017.90*
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	43	6.07	\$4,393.98
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	103	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	46	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19610	104	61.67	\$318.00*
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23617	62	43.35	\$544.80*
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25677	49	5.79	\$4,431.72*
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27647	38	6.37	\$4,339.98
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 v2 @ 2.40GHz	20858	94	5.86	\$3,559.90*
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	54	6.18	\$4,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	50	4.87	\$5,260.22*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23483	64	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	24	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31434	19	5.22	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23334	67	5.91	\$3,949.82*
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28246	34	19.21	\$1,470.00*
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30631	23	5.52	\$5,551.98
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	35	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29637	27	4.33	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	17	4.44	\$7,259.18
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	59	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26333	44	2.92	\$9,011.90*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	14	3.78	\$9,009.00*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	96	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	106	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	139	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	109	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	105	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18880	111	98.86	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	148	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	210	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	76	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	40	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	184	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	143	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	78	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	186	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	16047	135	42.45	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	227	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	418	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	381	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 E5310 @ 1.60GHz	3566	383	36.39	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4167	375	53.77	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	358	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4573	366	128.67	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5122	354	64.04	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5165	353	43.77	\$118.00*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6024	329	51.05	\$118.00*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6355	318	12.22	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6849	309	49.63	\$138.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7163	298	189.00	\$37.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7533	290	69.75	\$108.00*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7107	300	130.16	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7836	281	130.43	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	413	12.93	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	403	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4891	360	34.96	\$139.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5004	357	164.93	\$30.34*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5434	345	5.95	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7425	293	168.83	\$43.98*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	285	183.52	\$41.98*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	279	87.20	\$90.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	377	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5548	343	12.67	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5992	330	13.68	\$438.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8064	273	66.56	\$121.16
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8308	266	23.08	\$359.90*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8732	253	73.39	\$118.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10314	218	64.47	\$159.98*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10310	219	44.83	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	344	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	347	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	81	8.06	\$2,731.06*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	57	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	87	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	21505	83	7.84	\$2,742.92
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	26018	48	8.33	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17491	121	6.89	\$2,539.98
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27262	41	7.01	\$3,889.98
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22869	73	6.21	\$3,684.54*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	22620	74	5.80	\$3,899.98*
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	39	6.26	\$4,396.00*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25308	51	5.53	\$4,579.98
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	28945	30	5.54	\$5,225.98*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	37	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35063	11	6.54	\$5,359.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	33297	16	6.82	\$4,879.98
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	31	4.70	\$6,139.98
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28770	33	4.92	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29158	28	4.38	\$6,663.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	37650	4	6.41	\$5,870.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	20	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35387	10	4.66	\$7,599.98
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36683	5	4.78	\$7,679.56*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	369	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	373	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	361	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	341	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	326	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	315	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	328	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	359	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	306	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	305	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	276	206.10	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	304	53.89	\$130.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	248	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	236	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9668	235	161.29	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	444	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	446	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	440	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	426	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	6	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	35823	8	2.32	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39104	3	3.32	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	9	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	7	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	34585	13	1.73	\$20,030.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15702	142	17.45	\$899.98
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16787	128	15.84	\$1,059.98
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	166	13.75	\$989.98
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19285	108	12.89	\$1,495.98
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	20362	99	9.70	\$2,099.98
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10079	225	47.08	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	216	2.06	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	220	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	364	17.08	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	365	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	362	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5766	335	70.32	\$82.00*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6210	323	31.21	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7448	291	62.11	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7841	280	39.29	\$199.56*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	270	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7776	282	17.28	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8197	269	40.99	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8688	255	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8934	250	258.66	\$34.54*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	243	23.91	\$379.98
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9533	239	53.56	\$178.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	231	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11318	200	5.38	\$2,101.98
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11646	194	63.94	\$182.14*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10334	217	65.41	\$158.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12278	181	59.13	\$207.66
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	226	17.76	\$567.44*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12573	175	78.59	\$159.98*
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11302	201	53.82	\$210.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	165	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13597	167	4.14	\$3,283.98
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11963	188	54.88	\$218.00*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13789	158	49.60	\$278.00*
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	260	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	311	91.61	\$71.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	254	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	230	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11794	191	268.05	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	374	59.59	\$70.00*
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	356	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	372	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	371	199.09	\$21.98*
[Dual CPU] Quad-Core AMD Opteron 8378	5382	346	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	308	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	338	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	331	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	264	NA	NA
[Quad CPU] AMD Opteron 6136	9767	232	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	258	21.70	\$396.00*
[Quad CPU] AMD Opteron 6272	12292	180	51.23	\$239.96*
[Quad CPU] AMD Opteron 6274	10488	212	57.01	\$183.96*
[Quad CPU] AMD Opteron 6276	15342	144	22.70	\$676.00*
[Quad CPU] AMD Opteron 6278	12055	185	9.75	\$1,236.00*
[Quad CPU] AMD Opteron 6282 SE	11044	204	21.24	\$519.96*
[Quad CPU] AMD Opteron 6376	13257	170	10.69	\$1,240.00*
[Quad CPU] AMD Opteron 6380	12442	177	31.11	\$399.96*
[Quad CPU] AMD Opteron 8360 SE	6490	314	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	327	NA	NA
[Quad CPU] AMD Opteron 8382	8553	259	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	295	NA	NA
[Quad CPU] AMD Opteron 8431	8252	267	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	301	24.65	\$288.00*
[Quad CPU] AMD Opteron 8439 SE	8943	249	29.81	\$300.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon 3.00GHz	1472	427	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	387	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	127	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	138	21.06	\$756.00*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	55	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	86	55.95	\$381.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	45	1.81	\$14,464.00*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	22	1.63	\$18,908.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	100	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	136	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	18	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	123	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	122	131.38	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14223	155	18.81	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	174	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	140	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	303	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	283	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	222	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	237	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	244	14.31	\$631.80*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	47	5.15	\$5,079.96
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	12	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	2	2.68	\$15,199.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	233	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	1	1.10	\$40,060.00*
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	238	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	11953	189	4.22	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	257	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	195	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	13145	171	149.38	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	297	163.10	\$43.96*

* - Last price seen from our affiliates.

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