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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.

Single CPU Systems

 Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2742	NA	NA
AMD A4 Micro-6400T APU	1544	1934	NA	NA
AMD A4 PRO-3340B	2402	1540	NA	NA
AMD A4 PRO-7300B APU	2353	1561	NA	NA
AMD A4 PRO-7350B	2227	1615	NA	NA
AMD A4-1200 APU	632	2422	NA	NA
AMD A4-1250 APU	619	2429	NA	NA
AMD A4-3300 APU	1501	1957	115.59	\$12.99
AMD A4-3300M APU	1185	2122	39.53	\$29.99*
AMD A4-3305M APU	1223	2100	39.70	\$30.81
AMD A4-3310MX APU	1287	2061	NA	NA
AMD A4-3320M APU	1253	2084	34.93	\$35.90
AMD A4-3330MX APU	1216	2104	NA	NA
AMD A4-3400 APU	1592	1919	18.11	\$87.95
AMD A4-3420 APU	1664	1877	NA	NA
AMD A4-4000 APU	1831	1791	14.28	\$128.27
AMD A4-4020 APU	1909	1748	20.75	\$92.00
AMD A4-4300M APU	1612	1907	40.44	\$39.86
AMD A4-4355M APU	1177	2124	NA	NA
AMD A4-5000 APU	1915	1743	NA	NA
AMD A4-5050 APU	2113	1657	NA	NA
AMD A4-5100 APU	2037	1688	NA	NA
AMD A4-5150M APU	1864	1774	NA	NA
AMD A4-5300 APU	2011	1700	20.64	\$97.43
AMD A4-5300B APU	2142	1642	56.38	\$38.00*
AMD A4-6210 APU	2168	1635	NA	NA
AMD A4-6250J APU	2556	1481	NA	NA
AMD A4-6300 APU	2222	1618	37.05	\$59.99*
AMD A4-6300B APU	2129	1649	21.30	\$100.00*
AMD A4-6320 APU	2329	1564	33.29	\$69.99*
AMD A4-7210 APU	2523	1495	NA	NA
AMD A4-7300 APU	2308	1574	19.40	\$119.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-9120	1957	1722	NA	NA
AMD A4-9125	1939	1731	NA	NA
AMD A6 Micro-6500T APU	1834	1789	NA	NA
AMD A6 PRO-7050B APU	1616	1905	NA	NA
AMD A6 PRO-7400B	2608	1461	NA	NA
AMD A6-1450 APU	1539	1937	NA	NA
AMD A6-3400M APU	1883	1766	62.84	\$29.97*
AMD A6-3410MX APU	2057	1684	515.55	\$3.99*
AMD A6-3420M APU	2000	1702	NA	NA
AMD A6-3430MX APU	2200	1625	NA	NA
AMD A6-3500 APU	2012	1699	50.32	\$39.99*
AMD A6-3600 APU	2701	1436	117.50	\$22.99*
AMD A6-3620 APU	2792	1405	46.54	\$59.99*
AMD A6-3650 APU	3148	1288	98.41	\$31.99*
AMD A6-3670 APU	3169	1276	5.20	\$610.00*
AMD A6-4400M APU	1640	1891	205.38	\$7.99*
AMD A6-4455M APU	1286	2062	NA	NA
AMD A6-5200 APU	2433	1528	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	1967	NA	NA
AMD A6-5350M APU	1902	1751	44.13	\$43.12
AMD A6-5357M APU	1953	1726	NA	NA
AMD A6-5400B APU	2238	1611	21.31	\$105.04*
AMD A6-5400K APU	2157	1639	34.80	\$62.02
AMD A6-6310 APU	2453	1521	NA	NA
AMD A6-6400B APU	2281	1586	NA	NA
AMD A6-6400K APU	2308	1573	11.04	\$208.99*
AMD A6-6420B APU	2612	1459	NA	NA
AMD A6-6420K APU	2388	1547	15.92	\$149.99*
AMD A6-7000	1667	1875	NA	NA
AMD A6-7310 APU	2666	1447	NA	NA
AMD A6-7400K APU	2784	1409	49.46	\$56.29
AMD A6-7470K	2727	1429	11.22	\$243.00
AMD A6-7480	3159	1284	71.82	\$43.99
AMD A6-8500P	2202	1624	NA	NA
AMD A6-8550	3032	1323	NA	NA
AMD A6-9200	1747	1825	NA	NA
AMD A6-9210	1741	1829	NA	NA
AMD A6-9220	2172	1632	NA	NA
AMD A6-9220C	2066	1678	NA	NA
AMD A6-9220e	1607	1908	NA	NA
AMD A6-9225	2168	1636	NA	NA
AMD A6-9230	2102	1663	NA	NA
AMD A6-9500	3053	1317	64.42	\$47.40
AMD A6-9500E	2889	1379	47.37	\$60.99
AMD A8 PRO-7150B APU	2650	1449	NA	NA
AMD A8 PRO-7600B APU	4739	917	NA	NA
AMD A8-3500M APU	1971	1715	28.18	\$69.95
AMD A8-3510MX APU	2395	1543	NA	NA
AMD A8-3520M APU	2169	1633	NA	NA
AMD A8-3530MX APU	2354	1558	NA	NA
AMD A8-3550MX APU	2610	1460	NA	NA
AMD A8-3800 APU	3014	1325	52.90	\$56.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-3820 APU	3104	1298	24.84	\$124.99*
AMD A8-3850 APU	3459	1193	32.73	\$105.68*
AMD A8-3870K APU	3539	1171	23.65	\$149.67*
AMD A8-4500M APU	2666	1446	NA	NA
AMD A8-4555M APU	2123	1653	NA	NA
AMD A8-5500 APU	3997	1061	70.75	\$56.50*
AMD A8-5500B APU	4005	1058	NA	NA
AMD A8-5545M APU	2592	1467	NA	NA
AMD A8-5550M APU	3008	1329	NA	NA
AMD A8-5557M APU	2965	1346	NA	NA
AMD A8-5600K APU	4342	997	18.94	\$229.30
AMD A8-6410 APU	2572	1477	NA	NA
AMD A8-6500 APU	4396	985	46.28	\$94.99*
AMD A8-6500B APU	4612	939	NA	NA
AMD A8-6500T APU	3221	1258	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-6600K APU	4589	946	47.32	\$96.99*
AMD A8-7050	1986	1710	NA	NA
AMD A8-7100 APU	2808	1402	NA	NA
AMD A8-7200P	3319	1228	NA	NA
AMD A8-7410 APU	2743	1422	NA	NA
AMD A8-7600 APU	5065	848	17.71	\$285.99*
AMD A8-7650K	4925	881	19.39	\$254.00
AMD A8-7670K	5082	842	31.55	\$161.10*
AMD A8-7680	5270	815	87.86	\$59.99*
AMD A8-8600P	3248	1250	NA	NA
AMD A8-8650	5470	783	NA	NA
AMD A8-9600	4983	868	73.30	\$67.99
AMD A9-9400	2328	1565	NA	NA
AMD A9-9410	2551	1485	NA	NA
AMD A9-9420	2340	1563	NA	NA
AMD A9-9420e	1904	1750	NA	NA
AMD A9-9425	2533	1491	NA	NA
AMD A9-9430	2524	1494	NA	NA
AMD A10 Micro-6700T APU	1970	1716	NA	NA
AMD A10 PRO-7350B APU	3171	1274	NA	NA
AMD A10 PRO-7800B APU	4934	877	NA	NA
AMD A10 PRO-7850B APU	5380	798	NA	NA
AMD A10-4600M APU	3113	1297	NA	NA
AMD A10-4655M APU	2605	1463	NA	NA
AMD A10-4657M APU	2906	1371	NA	NA
AMD A10-5700 APU	4212	1022	65.31	\$64.50*
AMD A10-5745M APU	2763	1417	NA	NA
AMD A10-5750M APU	3343	1224	NA	NA
AMD A10-5757M APU	3084	1304	NA	NA
AMD A10-5800B APU	4568	949	NA	NA
AMD A10-5800K APU	4637	932	7.60	\$610.00*
AMD A10-6700 APU	4606	941	39.38	\$116.99*
AMD A10-6700T APU	3693	1137	25.02	\$147.61*
AMD A10-6790K APU	4685	923	49.32	\$94.99*
AMD A10-6800B APU	4806	903	NA	NA
AMD A10-6800K APU	4861	896	16.95	\$286.85*
AMD A10-7300 APU	2907	1369	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-7400P	3605	1153	NA	NA
AMD A10-7700K APU	5118	835	14.76	\$346.70*
AMD A10-7800 APU	4975	870	48.12	\$103.39*
AMD A10-7850K APU	5470	782	28.79	\$190.00*
AMD A10-7860K	5070	845	28.98	\$175.00*
AMD A10-7870K	5467	785	24.09	\$226.99*
AMD A10-7890K	5698	751	28.50	\$199.99*
AMD A10-8700P	3448	1196	NA	NA
AMD A10-8750	5064	849	NA	NA
AMD A10-8850	5598	766	NA	NA
AMD A10-9600P	3774	1112	NA	NA
AMD A10-9620P	3684	1141	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9630P	4497	966	NA	NA
AMD A10-9700	5383	797	65.76	\$81.86
AMD A10-9700E	4747	915	52.18	\$90.99
AMD A12-9700P	3723	1129	NA	NA
AMD A12-9720P	3998	1060	NA	NA
AMD A12-9730P	4417	982	NA	NA
AMD A12-9800	5521	775	37.25	\$148.24*
AMD A12-9800E	5083	840	36.57	\$139.00
AMD Athlon64 X2 Dual Core 4600+	1108	2166	NA	NA
AMD Athlon 4	279	2762	11.68	\$23.95
AMD Athlon 64 2000+	116	2896	NA	NA
AMD Athlon 64 2200+	575	2454	NA	NA
AMD Athlon 64 2600+	374	2636	NA	NA
AMD Athlon 64 2800+	438	2565	4.38	\$99.99*
AMD Athlon 64 3000+	464	2533	4.26	\$108.95
AMD Athlon 64 3200+	493	2503	3.29	\$149.95*
AMD Athlon 64 3300+	576	2453	NA	NA
AMD Athlon 64 3400+	545	2465	NA	NA
AMD Athlon 64 3500+	540	2471	4.97	\$108.95
AMD Athlon 64 3600+	601	2438	NA	NA
AMD Athlon 64 3700+	598	2440	8.67	\$69.00*
AMD Athlon 64 3800+	589	2443	3.28	\$179.95*
AMD Athlon 64 4000+	608	2433	3.32	\$183.27*
AMD Athlon 64 FX-25	794	2350	NA	NA
AMD Athlon 64 FX-34	380	2628	NA	NA
AMD Athlon 64 FX-51	437	2566	NA	NA
AMD Athlon 64 FX-53	646	2414	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2378	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2374	NA	NA
AMD Athlon 64 FX-59	715	2381	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2067	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1924	NA	NA
AMD Athlon 64 FX-72	1794	1804	NA	NA
AMD Athlon 64 FX-74	1495	1962	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2261	NA	NA
AMD Athlon 64 X2 4200+	1285	2063	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2234	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2255	16.05	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	999	2228	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1044	2201	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core 4200+	1098	2170	6.87	\$159.95*
AMD Athlon 64 X2 Dual Core 4400+	1146	2150	95.60	\$11.99*
AMD Athlon 64 X2 Dual Core 4600+	1218	2102	3.39	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1253	2083	2.73	\$459.95*
AMD Athlon 64 X2 Dual Core 5000+	1313	2042	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	2008	9.87	\$139.95
AMD Athlon 64 X2 Dual Core 5400+	1450	1979	27.37	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1485	1965	9.91	\$149.95*
AMD Athlon 64 X2 Dual Core 5800+	1516	1948	60.68	\$24.99*
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 6000+	1603	1911	34.90	\$45.95
AMD Athlon 64 X2 Dual Core 6400+	1791	1806	6.89	\$259.95*
AMD Athlon 64 X2 Dual Core BE-230	1095	2174	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2183	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2200	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2326	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2327	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2248	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2306	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2336	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2308	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	925	2281	NA	NA
AMD Athlon 64 X2 QL-60	922	2287	NA	NA
AMD Athlon 64 X2 QL-62	1005	2223	NA	NA
AMD Athlon 64 X2 QL-64	990	2238	NA	NA
AMD Athlon 64 X2 QL-65	1050	2197	NA	NA
AMD Athlon 64 X2 QL-66	947	2269	NA	NA
AMD Athlon 64 X2 QL-67	1006	2222	NA	NA
AMD Athlon 64 X2 TK-55	955	2262	NA	NA
AMD Athlon 64 X2 TK-57	988	2240	NA	NA
AMD Athlon 200GE	4920	882	82.61	\$59.57
AMD Athlon 220GE	5302	813	80.60	\$65.79
AMD Athlon 240GE	5411	790	85.91	\$62.99
AMD Athlon 300U	4864	893	NA	NA
AMD Athlon 1500+	294	2735	NA	NA
AMD Athlon 1640B	670	2404	13.42	\$50.00*
AMD Athlon 2000+	390	2624	NA	NA
AMD Athlon 2100+	412	2586	NA	NA
AMD Athlon 2200+	363	2654	4.55	\$79.99*
AMD Athlon 2400+	462	2537	NA	NA
AMD Athlon 2500+	374	2634	2.04	\$183.99*
AMD Athlon 2600+	444	2556	4.23	\$104.95*
AMD Athlon 2650e	409	2591	21.56	\$19.00*
AMD Athlon 2800+	447	2553	3.20	\$139.95*
AMD Athlon 2850e	506	2496	NA	NA
AMD Athlon 3100+	485	2514	NA	NA
AMD Athlon 3200+	458	2541	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	2056	10.78	\$119.95
AMD Athlon 5150 APU	2105	1661	13.16	\$159.95
AMD Athlon 5200 Dual-Core	1266	2078	42.23	\$29.99*
AMD Athlon 5350 APU	2606	1462	13.72	\$190.00*
AMD Athlon 5370 APU	2912	1363	45.73	\$63.70*
AMD Athlon 7450 Dual-Core	1450	1978	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 7550 Dual-Core	1470	1969	24.52	\$60.00
AMD Athlon 7750 Dual-Core	1570	1925	9.40	\$167.12
AMD Athlon 7850 Dual-Core	1713	1844	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2745	NA	NA
AMD Athlon Dual Core 4050e	1086	2179	NA	NA
AMD Athlon Dual Core 4450B	1166	2136	37.63	\$31.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 4450e	1107	2168	NA	NA
AMD Athlon Dual Core 4850B	1391	2001	NA	NA
AMD Athlon Dual Core 4850e	1313	2043	33.67	\$39.00*
AMD Athlon Dual Core 5000B	1304	2048	13.74	\$95.00*
AMD Athlon Dual Core 5050e	1343	2030	22.39	\$60.00*
AMD Athlon Dual Core 5200B	1316	2041	NA	NA
AMD Athlon Dual Core 5400B	1420	1990	NA	NA
AMD Athlon Dual Core 5600B	1304	2049	NA	NA
AMD Athlon II 160u	560	2460	18.68	\$29.99*
AMD Athlon II 170u	627	2424	20.95	\$29.95*
AMD Athlon II Dual-Core M300	1111	2161	NA	NA
AMD Athlon II Dual-Core M320	1141	2152	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2196	NA	NA
AMD Athlon II N330 Dual-Core	1154	2143	NA	NA
AMD Athlon II N350 Dual-Core	1249	2089	NA	NA
AMD Athlon II N370 Dual-Core	1559	1929	NA	NA
AMD Athlon II Neo K125	473	2526	NA	NA
AMD Athlon II Neo K145	525	2479	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2354	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2318	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2349	NA	NA
AMD Athlon II P320 Dual-Core	1216	2103	40.62	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2088	27.82	\$44.95*
AMD Athlon II P360 Dual-Core	1318	2040	54.94	\$24.00*
AMD Athlon II X2 210e	1486	1964	NA	NA
AMD Athlon II X2 215	1568	1927	130.84	\$11.99*
AMD Athlon II X2 220	1633	1895	50.73	\$32.19
AMD Athlon II X2 225	1526	1941	NA	NA
AMD Athlon II X2 235e	1656	1883	9.11	\$181.88*
AMD Athlon II X2 240	1642	1888	47.00	\$34.95
AMD Athlon II X2 240e	1695	1859	48.52	\$34.95*
AMD Athlon II X2 245	1661	1881	47.55	\$34.95*
AMD Athlon II X2 245e	1709	1848	21.37	\$80.00*
AMD Athlon II X2 250	1741	1828	44.72	\$38.95
AMD Athlon II X2 250e	1939	1732	25.28	\$76.73*
AMD Athlon II X2 250u	1000	2227	28.64	\$34.95
AMD Athlon II X2 255	1841	1785	28.24	\$65.22*
AMD Athlon II X2 260	1874	1768	93.76	\$19.99*
AMD Athlon II X2 260u	1107	2167	13.28	\$83.44*
AMD Athlon II X2 265	1890	1762	22.81	\$82.88*
AMD Athlon II X2 270	1978	1714	82.46	\$23.99*
AMD Athlon II X2 270u	1285	2065	18.99	\$67.67*
AMD Athlon II X2 280	2129	1648	21.30	\$99.99*
AMD Athlon II X2 4300e	1350	2024	NA	NA
AMD Athlon II X2 4400e	1632	1897	NA	NA
AMD Athlon II X2 4450e	1504	1955	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 B22	1713	1843	41.11	\$41.69*
AMD Athlon II X2 B24	1777	1810	44.50	\$39.95
AMD Athlon II X2 B26	1904	1749	54.50	\$34.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 B28	2085	1670	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1701	18.70	\$107.43*
AMD Athlon II X3 405e	2000	1703	25.00	\$79.99*
AMD Athlon II X3 415e	2247	1605	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1583	19.68	\$116.15*
AMD Athlon II X3 425	2318	1569	85.89	\$26.99*
AMD Athlon II X3 425e	2239	1610	NA	NA
AMD Athlon II X3 435	2472	1516	82.44	\$29.99*
AMD Athlon II X3 440	2566	1478	95.10	\$26.99*
AMD Athlon II X3 445	2573	1476	28.28	\$91.00*
AMD Athlon II X3 450	2621	1458	68.98	\$38.01
AMD Athlon II X3 455	2767	1413	70.97	\$38.99*
AMD Athlon II X3 460	2863	1383	73.45	\$38.99*
AMD Athlon II X4 553	3814	1103	NA	NA
AMD Athlon II X4 555	3830	1098	NA	NA
AMD Athlon II X4 559	4125	1039	NA	NA
AMD Athlon II X4 600e	2465	1518	18.93	\$130.23*
AMD Athlon II X4 605e	2734	1428	26.86	\$101.80*
AMD Athlon II X4 610e	2790	1406	39.87	\$69.99*
AMD Athlon II X4 615e	2901	1375	49.17	\$59.00*
AMD Athlon II X4 620	2928	1359	48.85	\$59.95
AMD Athlon II X4 620e	2906	1372	NA	NA
AMD Athlon II X4 630	3132	1290	49.76	\$62.95
AMD Athlon II X4 631 Quad-Core	3152	1287	39.41	\$80.00*
AMD Athlon II X4 635	3235	1253	46.25	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1264	120.73	\$26.49*
AMD Athlon II X4 640	3314	1231	41.46	\$79.95
AMD Athlon II X4 641 Quad-Core	3345	1222	36.56	\$91.50*
AMD Athlon II X4 645	3468	1190	43.38	\$79.95
AMD Athlon II X4 650	3482	1188	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3576	1162	20.09	\$178.04*
AMD Athlon II X4 655	2998	1334	NA	NA
AMD Athlon II X4 6400e	2594	1466	NA	NA
AMD Athlon L110	303	2715	NA	NA
AMD Athlon LE-1600	557	2461	26.57	\$21.00*
AMD Athlon LE-1620	578	2451	32.12	\$18.00*
AMD Athlon LE-1640	627	2425	NA	NA
AMD Athlon LE-1660	679	2401	NA	NA
AMD Athlon MP	230	2816	4.20	\$54.95*
AMD Athlon MP 1700+	339	2677	NA	NA
AMD Athlon MP 2400+	436	2567	NA	NA
AMD Athlon MP 2800+	497	2501	NA	NA
AMD Athlon Neo MV-40	410	2589	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2226	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2353	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2331	NA	NA
AMD Athlon PRO 200GE	5204	823	NA	NA
AMD Athlon QI-46	473	2525	NA	NA
AMD Athlon TF-20	411	2588	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon TF-36	395	2614	NA	NA
AMD Athlon X2 215	1543	1935	NA	NA
AMD Athlon X2 235e	1806	1800	NA	NA
AMD Athlon X2 240	1602	1912	NA	NA
AMD Athlon X2 240e	1670	1872	NA	NA
AMD Athlon X2 250	1696	1858	NA	NA
AMD Athlon X2 255	1627	1901	NA	NA
AMD Athlon X2 280	2303	1576	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1910	1747	38.22	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1603	NA	NA
AMD Athlon X2 440	1424	1988	NA	NA
AMD Athlon X2 Dual Core 3250e	783	2352	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2229	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2288	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2164	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2105	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2085	NA	NA
AMD Athlon X2 Dual Core L310	645	2415	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2220	NA	NA
AMD Athlon X3 425	2191	1628	NA	NA
AMD Athlon X3 435	2574	1474	26.96	\$95.49*
AMD Athlon X3 440	2078	1673	23.62	\$87.99*
AMD Athlon X3 445	2314	1571	NA	NA
AMD Athlon X3 450	3064	1313	38.80	\$78.99*
AMD Athlon X3 455	2401	1541	NA	NA
AMD Athlon X4 605e	2505	1504	NA	NA
AMD Athlon X4 620	2861	1384	47.74	\$59.95
AMD Athlon X4 635	2891	1378	23.71	\$121.99*
AMD Athlon X4 640	3172	1273	NA	NA
AMD Athlon X4 740 Quad Core	4019	1054	14.51	\$277.00*
AMD Athlon X4 750 Quad Core	4551	952	NA	NA
AMD Athlon X4 750K Quad Core	4252	1013	55.24	\$76.99*
AMD Athlon X4 760K Quad Core	4593	945	109.41	\$41.98*
AMD Athlon X4 830	4701	920	NA	NA
AMD Athlon X4 840	5050	852	64.14	\$78.74*
AMD Athlon X4 845	5402	794	101.68	\$53.13*
AMD Athlon X4 860K	5415	789	40.13	\$134.95
AMD Athlon X4 870K	5313	812	66.43	\$79.99*
AMD Athlon X4 880K	5550	770	55.51	\$99.99*
AMD Athlon X4 950	5252	818	75.03	\$70.00
AMD Athlon XP1600+	281	2757	NA	NA
AMD Athlon XP1900+	353	2663	NA	NA
AMD Athlon XP2100+	287	2747	NA	NA
AMD Athlon XP2200+	401	2605	NA	NA
AMD Athlon XP2400+	374	2635	NA	NA
AMD Athlon XP 1500	282	2756	NA	NA
AMD Athlon XP 1500+	257	2787	NA	NA
AMD Athlon XP 1600+	267	2777	NA	NA
AMD Athlon XP 1700	344	2673	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 1700+	271	2773	4.43	\$61.25*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 1800+	300	2722	5.10	\$58.95*
AMD Athlon XP 1900+	312	2706	NA	NA
AMD Athlon XP 2000+	299	2723	12.00	\$24.99*
AMD Athlon XP 2100+	323	2689	NA	NA
AMD Athlon XP 2200+	328	2688	3.87	\$84.95*
AMD Athlon XP 2300+	464	2534	NA	NA
AMD Athlon XP 2400+	360	2656	4.01	\$89.99*
AMD Athlon XP 2500+	355	2660	NA	NA
AMD Athlon XP 2600+	372	2640	16.18	\$23.03*
AMD Athlon XP 2700+	393	2617	4.64	\$84.79*
AMD Athlon XP 2800+	400	2607	NA	NA
AMD Athlon XP 2900+	424	2581	NA	NA
AMD Athlon XP 3000+	402	2603	5.06	\$79.70*
AMD Athlon XP 3100+	433	2571	NA	NA
AMD Athlon XP 3200+	431	2573	NA	NA
AMD Athlon XP 3400+	570	2457	NA	NA
AMD Athlon XP Pro3+	367	2647	NA	NA
AMD Athlon XP-M	541	2470	15.48	\$34.95*
AMD C-30	310	2708	NA	NA
AMD C-50	462	2536	NA	NA
AMD C-60	466	2530	NA	NA
AMD C-60 APU	543	2467	NA	NA
AMD C-70 APU	557	2462	NA	NA
AMD E1 Micro-6200T APU	960	2258	NA	NA
AMD E1-1200 APU	655	2412	NA	NA
AMD E1-1500 APU	687	2396	NA	NA
AMD E1-2100 APU	642	2419	NA	NA
AMD E1-2200 APU	767	2356	NA	NA
AMD E1-2500 APU	889	2304	NA	NA
AMD E1-6010 APU	866	2311	NA	NA
AMD E1-6015 APU	900	2300	NA	NA
AMD E1-7010 APU	1005	2224	NA	NA
AMD E2-1800 APU	816	2335	NA	NA
AMD E2-2000 APU	825	2332	NA	NA
AMD E2-3000 APU	1121	2154	NA	NA
AMD E2-3000M APU	1096	2172	54.84	\$20.00*
AMD E2-3200 APU	1387	2003	173.70	\$7.99*
AMD E2-3800 APU	1646	1886	NA	NA
AMD E2-6110 APU	1910	1746	NA	NA
AMD E2-7110 APU	2288	1581	NA	NA
AMD E2-9000	1641	1890	NA	NA
AMD E2-9000e	1344	2028	NA	NA
AMD E2-9010	1705	1850	NA	NA
AMD E2-9030	1515	1949	NA	NA
AMD E-240	319	2695	NA	NA
AMD E-300 APU	610	2432	NA	NA
AMD E-350	745	2369	NA	NA
AMD E-350 APU	757	2363	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E-350D APU	726	2376	NA	NA
AMD E-450 APU	766	2357	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1816	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-224IJ Radeon R4E	2088	1667	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2508	1502	NA	NA
AMD Embedded R-Series RX-216GD	2409	1537	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	846	NA	NA
AMD Embedded R-Series RX-421BD	4635	934	NA	NA
AMD EPYC 3201	9634	367	NA	NA
AMD EPYC 7251 8-Core	11811	244	23.07	\$512.00
AMD EPYC 7301	14978	152	17.31	\$865.24
AMD EPYC 7351	18081	87	16.62	\$1,088.00
AMD EPYC 7351P	14887	154	13.26	\$1,122.93
AMD EPYC 7371	22071	36	NA	NA
AMD EPYC 7401P	19555	71	18.19	\$1,075.00
AMD EPYC 7501	18942	78	5.32	\$3,559.56
AMD EPYC 7551	18483	82	5.19	\$3,559.56
AMD EPYC 7551P	18406	83	8.09	\$2,274.13
AMD FirePro A320 APU	4540	958	NA	NA
AMD FX-670K Quad-Core	4550	953	NA	NA
AMD FX-770K Quad-Core	4803	906	NA	NA
AMD FX-870K Quad Core	5021	860	NA	NA
AMD FX-4100 Quad-Core	4072	1047	26.54	\$153.45*
AMD FX-4130 Quad-Core	4163	1031	54.79	\$75.99*
AMD FX-4150 Quad-Core	4594	944	NA	NA
AMD FX-4170 Quad-Core	4865	891	48.66	\$99.99*
AMD FX-4200 Quad-Core	4235	1017	18.56	\$228.21*
AMD FX-4300 Quad-Core	4694	922	77.97	\$60.21
AMD FX-4320	4985	867	NA	NA
AMD FX-4330	5321	811	NA	NA
AMD FX-4350 Quad-Core	5341	806	107.34	\$49.76
AMD FX-6100 Six-Core	5389	796	21.30	\$253.00
AMD FX-6120 Six-Core	5733	748	NA	NA
AMD FX-6130 Six-Core	6215	695	NA	NA
AMD FX-6200 Six-Core	6118	707	18.00	\$339.95
AMD FX-6300 Six-Core	6389	679	81.92	\$77.99
AMD FX-6330 Six-Core	6916	627	NA	NA
AMD FX-6350 Six-Core	7002	616	140.73	\$49.76
AMD FX-7500 APU	3207	1260	NA	NA
AMD FX-7600P	4046	1049	NA	NA
AMD FX-7600P APU	4627	936	NA	NA
AMD FX-8100 Eight-Core	6008	719	42.31	\$142.00*
AMD FX-8120 Eight-Core	6600	660	29.64	\$222.73*
AMD FX-8140 Eight-Core	6133	703	NA	NA
AMD FX-8150 Eight-Core	7633	560	76.37	\$99.95
AMD FX-8300 Eight-Core	7718	550	48.26	\$159.93
AMD FX-8310 Eight-Core	7723	548	NA	NA
AMD FX-8320 Eight-Core	8016	518	53.80	\$149.00
AMD FX-8320E Eight-Core	7550	565	76.34	\$98.90
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8350 Eight-Core	8952	435	162.79	\$54.99
AMD FX-8370 Eight-Core	9037	421	38.30	\$235.99
AMD FX-8370E Eight-Core	7806	540	24.39	\$320.09

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8800P	4147	1036	NA	NA
AMD FX-9370 Eight-Core	9443	385	16.14	\$585.00
AMD FX-9590 Eight-Core	10191	310	68.35	\$149.10
AMD FX-9800P	3961	1071	NA	NA
AMD FX-9830P	4773	911	NA	NA
AMD FX-B4150 Quad-Core	4611	940	NA	NA
AMD G-T40E	467	2529	NA	NA
AMD G-T40N	516	2488	NA	NA
AMD G-T40R	203	2843	NA	NA
AMD G-T44R	229	2817	NA	NA
AMD G-T48E	667	2406	NA	NA
AMD G-T52R	308	2710	NA	NA
AMD G-T56E	751	2365	NA	NA
AMD G-T56N	795	2347	NA	NA
AMD Geode NX	264	2780	NA	NA
AMD Geode NX 1750	291	2736	NA	NA
AMD GX-210JA SOC	401	2606	NA	NA
AMD GX-212JC SOC	744	2370	NA	NA
AMD GX-217GA SOC	1107	2169	NA	NA
AMD GX-218GL SOC	1207	2109	NA	NA
AMD GX-222GC SOC	1255	2082	NA	NA
AMD GX-412HC	1497	1961	NA	NA
AMD GX-415GA SOC	1944	1730	NA	NA
AMD GX-420CA SOC	2412	1535	NA	NA
AMD GX-424CC SOC	2491	1509	NA	NA
AMD K7	403	2600	NA	NA
AMD Opteron 140	396	2611	0.56	\$710.00*
AMD Opteron 142	428	2577	NA	NA
AMD Opteron 144	486	2511	7.48	\$65.00*
AMD Opteron 146	532	2474	8.87	\$59.99*
AMD Opteron 148	603	2437	NA	NA
AMD Opteron 150	604	2435	NA	NA
AMD Opteron 152	658	2408	NA	NA
AMD Opteron 154	703	2390	NA	NA
AMD Opteron 165	899	2301	1.47	\$610.00*
AMD Opteron 170	1097	2171	NA	NA
AMD Opteron 175	1167	2135	NA	NA
AMD Opteron 180	1236	2093	9.51	\$129.95*
AMD Opteron 185	1342	2031	NA	NA
AMD Opteron 246	632	2423	31.62	\$19.99*
AMD Opteron 248	476	2523	4.77	\$99.95
AMD Opteron 250	649	2413	59.01	\$11.00*
AMD Opteron 252	760	2361	12.00	\$63.36*
AMD Opteron 254	693	2394	NA	NA
AMD Opteron 256	963	2253	50.72	\$19.00*
AMD Opteron 265	963	2254	13.20	\$73.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 270	1170	2131	1.93	\$607.47*
AMD Opteron 275	1291	2057	19.87	\$64.99
AMD Opteron 280	1176	2125	1.48	\$796.67*
AMD Opteron 285	1470	1970	NA	NA
AMD Opteron 290	1464	1972	10.85	\$135.00*
AMD Opteron 1210	923	2283	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	2247	NA	NA
AMD Opteron 1212	1009	2221	3.48	\$290.00*
AMD Opteron 1212 HE	1308	2045	NA	NA
AMD Opteron 1214	1191	2118	4.11	\$290.00*
AMD Opteron 1214 HE	1299	2051	NA	NA
AMD Opteron 1216	1311	2044	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2129	NA	NA
AMD Opteron 1218	1468	1971	NA	NA
AMD Opteron 1218 HE	1444	1980	NA	NA
AMD Opteron 1220	1653	1885	NA	NA
AMD Opteron 1222	1757	1818	NA	NA
AMD Opteron 1352	2316	1570	17.04	\$135.99*
AMD Opteron 1354	2630	1455	19.49	\$135.00*
AMD Opteron 1356	2765	1415	30.73	\$89.99*
AMD Opteron 1381	3065	1312	NA	NA
AMD Opteron 2212	1270	2076	63.53	\$20.00*
AMD Opteron 2214	1358	2022	46.85	\$29.00*
AMD Opteron 2214 HE	1415	1993	NA	NA
AMD Opteron 2216	1518	1947	58.84	\$25.80
AMD Opteron 2218	1594	1917	19.94	\$79.95
AMD Opteron 2220	1701	1854	21.29	\$79.95
AMD Opteron 2220 SE	1398	1998	55.92	\$25.00*
AMD Opteron 2222	1843	1783	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1741	NA	NA
AMD Opteron 2350	2820	1396	35.28	\$79.95
AMD Opteron 2354	2450	1523	7.38	\$332.03*
AMD Opteron 2356	2814	1399	54.12	\$52.00*
AMD Opteron 2373 EE	2789	1407	NA	NA
AMD Opteron 2374 HE	2951	1348	15.53	\$189.99*
AMD Opteron 2376	2283	1584	13.69	\$166.81*
AMD Opteron 2378	3179	1270	17.76	\$179.00*
AMD Opteron 2380	2640	1452	58.69	\$45.00
AMD Opteron 2384	3538	1173	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1174	NA	NA
AMD Opteron 2393 SE	2246	1606	NA	NA
AMD Opteron 2427	3069	1310	31.00	\$99.00
AMD Opteron 2431	4516	963	112.91	\$40.00
AMD Opteron 2435	4708	919	24.91	\$189.00
AMD Opteron 3250 HE	2942	1352	29.73	\$99.00*
AMD Opteron 3260 HE	3259	1244	NA	NA
AMD Opteron 3280	5403	793	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1443	NA	NA
AMD Opteron 3350 HE	4009	1056	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 3365	5963	721	NA	NA
AMD Opteron 3380	6384	680	7.89	\$809.00*
AMD Opteron 4122	2942	1353	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1278	NA	NA
AMD Opteron 4170 HE	3664	1142	62.11	\$59.00*
AMD Opteron 4184	4418	981	8.50	\$519.95*
AMD Opteron 4280	6430	672	128.60	\$50.00
AMD Opteron 4284	6660	655	111.03	\$59.99*
AMD Opteron 4332 HE	5614	762	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4334	6099	709	28.18	\$216.42*
AMD Opteron 4365 EE	5025	859	NA	NA
AMD Opteron 4386	6761	643	48.30	\$139.99*
AMD Opteron 6128	4505	964	225.37	\$19.99
AMD Opteron 6134	2938	1354	66.81	\$43.99
AMD Opteron 6136	4631	935	42.10	\$110.00*
AMD Opteron 6164 HE	5351	804	NA	NA
AMD Opteron 6172	5261	816	26.57	\$198.00
AMD Opteron 6174	6171	699	77.19	\$79.95
AMD Opteron 6176 SE	5465	786	34.37	\$159.00*
AMD Opteron 6212	5776	742	192.62	\$29.99*
AMD Opteron 6220	6785	639	113.11	\$59.99*
AMD Opteron 6234	5938	725	198.27	\$29.95*
AMD Opteron 6238	7673	557	21.32	\$359.89*
AMD Opteron 6272	6748	645	84.41	\$79.95
AMD Opteron 6274	4865	892	105.80	\$45.99
AMD Opteron 6276	8889	440	52.60	\$169.00
AMD Opteron 6282 SE	9116	411	70.13	\$129.99*
AMD Opteron 6287 SE	9789	353	NA	NA
AMD Opteron 6328	7813	539	21.76	\$359.00
AMD Opteron 6366 HE	7503	569	250.19	\$29.99*
AMD Opteron 6376	9212	403	141.72	\$65.00
AMD Opteron 6378	9094	414	22.79	\$399.00
AMD Opteron 6380	10081	321	170.88	\$59.00
AMD Opteron 6386 SE	10912	272	72.75	\$149.99*
AMD Opteron 8354	2255	1602	93.98	\$24.00
AMD Opteron 8439 SE	3813	1104	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1314	NA	NA
AMD Opteron X3216 APU	2366	1556	NA	NA
AMD Opteron X3418 APU	4659	926	NA	NA
AMD Opteron X3421 APU	4928	880	NA	NA
AMD Phenom 2 X4 12000	3005	1332	NA	NA
AMD Phenom 7950 Quad-Core	2991	1336	NA	NA
AMD Phenom 8250 Triple-Core	1668	1874	NA	NA
AMD Phenom 8250e Triple-Core	1635	1894	34.81	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1896	NA	NA
AMD Phenom 8450 Triple-Core	1889	1764	63.09	\$29.95*
AMD Phenom 8450e Triple-Core	2026	1693	NA	NA
AMD Phenom 8600 Triple-Core	1673	1871	31.57	\$52.99*
AMD Phenom 8600B Triple-Core	1924	1738	36.33	\$52.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8650 Triple-Core	1989	1707	39.80	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1683	NA	NA
AMD Phenom 8750B Triple-Core	2034	1689	NA	NA
AMD Phenom 8850 Triple-Core	1968	1718	NA	NA
AMD Phenom 8850B Triple-Core	2080	1672	NA	NA
AMD Phenom 9100e Quad-Core	1831	1790	45.85	\$39.95*
AMD Phenom 9150e Quad-Core	2113	1656	52.91	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1568	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1464	24.76	\$105.00*
AMD Phenom 9500 Quad-Core	2202	1623	75.98	\$28.99*
AMD Phenom 9550 Quad-Core	2543	1489	87.75	\$28.99*
AMD Phenom 9600 Quad-Core	2301	1578	46.08	\$49.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9600B Quad-Core	2573	1475	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2636	1454	58.65	\$44.95*
AMD Phenom 9750 Quad-Core	2810	1400	95.31	\$29.49*
AMD Phenom 9750B Quad-Core	2709	1434	NA	NA
AMD Phenom 9850 Quad-Core	2891	1377	24.10	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1282	NA	NA
AMD Phenom 9950 Quad-Core	3009	1328	22.29	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1499	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1351	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1149	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1185	NA	NA
AMD Phenom II N620 Dual-Core	1684	1864	422.27	\$3.99*
AMD Phenom II N640 Dual-Core	1721	1836	26.51	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1779	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1448	NA	NA
AMD Phenom II N830 Triple-Core	1890	1763	NA	NA
AMD Phenom II N850 Triple-Core	1937	1733	77.51	\$25.00*
AMD Phenom II N870 Triple-Core	1999	1704	NA	NA
AMD Phenom II N930 Quad-Core	2274	1589	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1513	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2521	1497	16.81	\$149.99*
AMD Phenom II P650 Dual-Core	1579	1922	45.12	\$35.00*
AMD Phenom II P820 Triple-Core	1602	1913	NA	NA
AMD Phenom II P840 Triple-Core	1709	1846	NA	NA
AMD Phenom II P860 Triple-Core	1756	1820	NA	NA
AMD Phenom II P920 Quad-Core	1866	1772	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1798	NA	NA
AMD Phenom II P960 Quad-Core	2085	1668	74.48	\$28.00*
AMD Phenom II X2 511	2104	1662	NA	NA
AMD Phenom II X2 521	2071	1675	NA	NA
AMD Phenom II X2 545	1916	1742	43.57	\$43.98*
AMD Phenom II X2 550	2021	1694	40.45	\$49.99*
AMD Phenom II X2 555	2041	1686	72.96	\$27.98*
AMD Phenom II X2 560	2061	1680	31.71	\$64.99*
AMD Phenom II X2 565	2225	1617	74.21	\$29.99*
AMD Phenom II X2 570	2068	1677	NA	NA
AMD Phenom II X2 B53	1709	1847	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X2 B55	1921	1740	40.02	\$48.00*
AMD Phenom II X2 B57	1826	1795	NA	NA
AMD Phenom II X2 B59	2118	1654	108.77	\$19.48*
AMD Phenom II X3 700e	2242	1608	NA	NA
AMD Phenom II X3 705e	2227	1614	14.63	\$152.34*
AMD Phenom II X3 710	2446	1524	28.95	\$84.53*
AMD Phenom II X3 715	2649	1451	31.17	\$84.99*
AMD Phenom II X3 720	2668	1444	38.13	\$69.99*
AMD Phenom II X3 740	2985	1337	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1426	36.47	\$75.00*
AMD Phenom II X3 B75	2906	1370	72.69	\$39.99*
AMD Phenom II X3 B77	3067	1311	137.64	\$22.29*
AMD Phenom II X4 805	2998	1333	17.23	\$173.99*
AMD Phenom II X4 810	3122	1294	26.92	\$115.99*
AMD Phenom II X4 820	3396	1208	45.31	\$74.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 830	3434	1199	42.95	\$79.95
AMD Phenom II X4 840	3507	1182	39.00	\$89.95
AMD Phenom II X4 840T	3598	1155	51.42	\$69.99*
AMD Phenom II X4 850	3549	1168	54.62	\$64.99*
AMD Phenom II X4 900e	2882	1381	NA	NA
AMD Phenom II X4 905e	3078	1308	57.02	\$53.99*
AMD Phenom II X4 910	3252	1249	32.52	\$100.00*
AMD Phenom II X4 910e	3254	1247	20.73	\$156.99*
AMD Phenom II X4 920	3388	1210	42.36	\$79.99*
AMD Phenom II X4 925	3415	1202	77.64	\$43.99*
AMD Phenom II X4 940	3591	1157	60.52	\$59.34*
AMD Phenom II X4 945	3654	1146	53.66	\$68.11
AMD Phenom II X4 955	3923	1080	30.14	\$130.16*
AMD Phenom II X4 960T	3781	1111	59.09	\$63.99*
AMD Phenom II X4 965	4181	1029	49.77	\$84.01
AMD Phenom II X4 970	4321	1001	29.18	\$148.11*
AMD Phenom II X4 973	3759	1119	NA	NA
AMD Phenom II X4 975	4453	970	31.88	\$139.69*
AMD Phenom II X4 977	3750	1122	NA	NA
AMD Phenom II X4 980	4490	967	19.52	\$229.99*
AMD Phenom II X4 8700e	2377	1551	NA	NA
AMD Phenom II X4 B05e	2792	1404	NA	NA
AMD Phenom II X4 B15e	2736	1425	NA	NA
AMD Phenom II X4 B25	3297	1236	NA	NA
AMD Phenom II X4 B35	3383	1214	NA	NA
AMD Phenom II X4 B40	3361	1219	NA	NA
AMD Phenom II X4 B45	3467	1191	NA	NA
AMD Phenom II X4 B50	3697	1135	NA	NA
AMD Phenom II X4 B55	3855	1090	NA	NA
AMD Phenom II X4 B60	4043	1050	NA	NA
AMD Phenom II X4 B65	4172	1030	NA	NA
AMD Phenom II X4 B70	4261	1012	NA	NA
AMD Phenom II X4 B93	3356	1221	NA	NA
AMD Phenom II X4 B95	3684	1140	50.51	\$72.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B97	3863	1088	42.96	\$89.95
AMD Phenom II X4 B99	4130	1038	NA	NA
AMD Phenom II X6 1035T	4643	931	24.57	\$189.00*
AMD Phenom II X6 1045T	4797	909	44.42	\$108.01
AMD Phenom II X6 1055T	4957	874	61.78	\$80.24*
AMD Phenom II X6 1065T	5041	856	NA	NA
AMD Phenom II X6 1075T	5324	808	47.12	\$112.99*
AMD Phenom II X6 1090T	5562	768	14.04	\$396.08*
AMD Phenom II X6 1100T	5708	749	32.16	\$177.49*
AMD Phenom II X6 1405T	5042	855	NA	NA
AMD Phenom II X620 Dual-Core	2189	1629	NA	NA
AMD Phenom II X640 Dual-Core	2021	1695	NA	NA
AMD Phenom II X920 Quad-Core	2650	1450	NA	NA
AMD Phenom II X940 Quad-Core	2695	1437	NA	NA
AMD Phenom Ultra X4 24500	3945	1076	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1856	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1622	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1824	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X2 Dual-Core GP-5000	1180	2123	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1983	NA	NA
AMD Phenom X3 8550	1929	1736	11.35	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1817	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1705	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1612	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1376	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1433	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1439	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2106	NA	NA
AMD PRO A4-3350B APU	2274	1590	NA	NA
AMD PRO A4-8350B	2776	1411	NA	NA
AMD PRO A6-7350B	2759	1418	NA	NA
AMD PRO A6-8500B	2516	1500	NA	NA
AMD PRO A6-8530B	2388	1546	NA	NA
AMD PRO A6-8550B	2970	1344	NA	NA
AMD PRO A6-8570	3049	1321	NA	NA
AMD PRO A6-8570E	2824	1394	NA	NA
AMD PRO A6-9500	2950	1349	39.88	\$74.00*
AMD PRO A6-9500B	2076	1674	NA	NA
AMD PRO A6-9500E	2717	1432	36.73	\$74.00*
AMD PRO A8-8600B	3513	1180	NA	NA
AMD PRO A8-8650B	5248	819	NA	NA
AMD PRO A8-8670E	5015	861	NA	NA
AMD PRO A8-9600	5277	814	44.35	\$119.00*
AMD PRO A8-9600B	3964	1068	NA	NA
AMD PRO A10-8700B	3562	1166	NA	NA
AMD PRO A10-8730B	3971	1065	NA	NA
AMD PRO A10-8750B	5473	780	NA	NA
AMD PRO A10-8770	5707	750	NA	NA
AMD PRO A10-8770E	5035	858	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A10-8850B	5852	734	NA	NA
AMD PRO A10-9700	5677	755	33.59	\$169.00*
AMD PRO A10-9700B	4380	987	NA	NA
AMD PRO A10-9700E	5066	847	36.45	\$139.00*
AMD PRO A12-8800B	4111	1041	NA	NA
AMD PRO A12-8830B	4315	1004	NA	NA
AMD PRO A12-8870	6067	714	NA	NA
AMD PRO A12-8870E	5186	830	NA	NA
AMD PRO A12-9800	6132	704	36.29	\$169.00*
AMD PRO A12-9800B	4124	1040	NA	NA
AMD PRO A12-9800E	4769	912	28.22	\$169.00*
AMD QC-4000	1663	1880	NA	NA
AMD R-260H APU	1576	1923	NA	NA
AMD R-460L APU	1954	1724	NA	NA
AMD R-464L APU	3117	1296	NA	NA
AMD RX-427BB	4351	994	NA	NA
AMD Ryzen 3 1200	6731	648	112.22	\$59.99
AMD Ryzen 3 1300X	7515	567	58.18	\$129.18
AMD Ryzen 3 2200G	7315	591	91.46	\$79.99
AMD Ryzen 3 2200GE	6913	628	NA	NA
AMD Ryzen 3 2200U	4578	948	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 3 2300U	6144	702	NA	NA
AMD Ryzen 3 2300X	8491	473	NA	NA
AMD Ryzen 3 3200G	7964	527	79.65	\$99.99
AMD Ryzen 3 3200U	4940	876	NA	NA
AMD Ryzen 3 PRO 1200	7069	611	NA	NA
AMD Ryzen 3 PRO 1300	8022	516	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	836	NA	NA
AMD Ryzen 3 PRO 2200G	7984	525	NA	NA
AMD Ryzen 3 PRO 2200GE	7613	561	NA	NA
AMD Ryzen 3 PRO 2300U	7111	608	NA	NA
AMD Ryzen 3 PRO 3200GE	8147	501	NA	NA
AMD Ryzen 3 PRO 3300U	6888	632	NA	NA
AMD Ryzen 5 1400	8370	481	60.79	\$137.71
AMD Ryzen 5 1500X	10076	322	72.41	\$139.16
AMD Ryzen 5 1600	12285	231	117.01	\$104.99
AMD Ryzen 5 1600X	13201	202	88.02	\$149.99
AMD Ryzen 5 2400G	9314	393	75.12	\$123.99
AMD Ryzen 5 2400GE	8808	446	NA	NA
AMD Ryzen 5 2500U	7356	587	NA	NA
AMD Ryzen 5 2500X	9663	365	NA	NA
AMD Ryzen 5 2600	13505	200	101.55	\$133.00
AMD Ryzen 5 2600H	8366	482	NA	NA
AMD Ryzen 5 2600X	14376	168	96.56	\$148.89
AMD Ryzen 5 3400G	9813	351	65.43	\$149.99
AMD Ryzen 5 3500U	8140	503	NA	NA
AMD Ryzen 5 3550H	8495	472	NA	NA
AMD Ryzen 5 3600	20031	58	85.26	\$234.95
AMD Ryzen 5 3600X	20519	52	82.41	\$249.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 PRO 1500	10133	315	NA	NA
AMD Ryzen 5 PRO 1600	12213	233	NA	NA
AMD Ryzen 5 PRO 2400G	9925	335	NA	NA
AMD Ryzen 5 PRO 2400GE	8561	468	NA	NA
AMD Ryzen 5 PRO 2500U	8349	485	NA	NA
AMD Ryzen 5 PRO 2600	14221	173	NA	NA
AMD Ryzen 5 PRO 3500U	7959	529	NA	NA
AMD Ryzen 5 PRO 3600	21037	51	NA	NA
AMD Ryzen 7 1700	13772	188	47.52	\$289.83
AMD Ryzen 7 1700X	14682	157	89.53	\$163.99
AMD Ryzen 7 1800X	15420	140	61.69	\$249.99
AMD Ryzen 7 2700	15006	149	77.77	\$192.96
AMD Ryzen 7 2700U	7391	582	NA	NA
AMD Ryzen 7 2700X	16966	100	67.78	\$250.31
AMD Ryzen 7 2800H	8498	471	NA	NA
AMD Ryzen 7 3700U	8107	510	NA	NA
AMD Ryzen 7 3700X	23898	26	72.42	\$329.99
AMD Ryzen 7 3750H	9010	426	NA	NA
AMD Ryzen 7 3800X	24708	20	44.12	\$559.99
AMD Ryzen 7 PRO 1700	14171	175	NA	NA
AMD Ryzen 7 PRO 1700X	15324	144	NA	NA
AMD Ryzen 7 PRO 2700	15406	141	NA	NA
AMD Ryzen 7 PRO 2700U	8819	445	NA	NA
AMD Ryzen 7 PRO 2700X	17161	97	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 PRO 3700U	8002	520	NA	NA
AMD Ryzen 9 3900X	31841	1	37.03	\$859.99*
AMD Ryzen Embedded R1505G	4889	887	NA	NA
AMD Ryzen Embedded V1202B	4368	990	NA	NA
AMD Ryzen Embedded V1605B	6845	634	NA	NA
AMD Ryzen Embedded V1807B	8604	465	NA	NA
AMD Ryzen Threadripper 1900X	16089	124	65.67	\$244.99
AMD Ryzen Threadripper 1920X	19689	68	70.98	\$277.40
AMD Ryzen Threadripper 1950X	21849	38	43.70	\$499.99
AMD Ryzen Threadripper 2920X	22080	35	57.42	\$384.52
AMD Ryzen Threadripper 2950X	25521	14	39.34	\$648.74
AMD Ryzen Threadripper 2970WX	21688	41	22.38	\$969.00
AMD Ryzen Threadripper 2990WX	23011	31	13.95	\$1,649.99
AMD Ryzen Threadripper 2990X	19227	76	NA	NA
AMD Sempron 130	656	2411	26.29	\$24.99*
AMD Sempron 140	738	2372	18.64	\$39.59*
AMD Sempron 145	807	2344	8.51	\$94.92
AMD Sempron 150	707	2385	15.74	\$44.95*
AMD Sempron 200U	267	2776	3.08	\$87.00*
AMD Sempron 210U	391	2622	NA	NA
AMD Sempron 240	2110	1659	36.39	\$58.00
AMD Sempron 2100+	392	2620	NA	NA
AMD Sempron 2200+	281	2760	9.38	\$29.99*
AMD Sempron 2300+	318	2697	7.07	\$45.00*
AMD Sempron 2400+	314	2704	12.10	\$26.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2500+	335	2680	6.11	\$54.95*
AMD Sempron 2600+	373	2637	10.70	\$34.95
AMD Sempron 2650 APU	947	2268	17.66	\$53.68
AMD Sempron 2800+	383	2626	6.40	\$59.95
AMD Sempron 3000+	408	2593	20.41	\$20.00
AMD Sempron 3100+	452	2547	7.53	\$60.00*
AMD Sempron 3200+	406	2594	3.10	\$131.22*
AMD Sempron 3300+	484	2516	8.07	\$60.00
AMD Sempron 3400+	454	2545	3.47	\$131.22*
AMD Sempron 3500+	379	2629	18.98	\$20.00*
AMD Sempron 3600+	483	2518	40.30	\$12.00*
AMD Sempron 3800+	554	2463	3.62	\$152.92*
AMD Sempron 3850 APU	1715	1841	21.10	\$81.33
AMD Sempron Dual Core 2100	936	2275	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2233	NA	NA
AMD Sempron Dual Core 2300	982	2241	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2267	NA	NA
AMD Sempron Dual Core 4900	1081	2184	NA	NA
AMD Sempron LE-250	490	2505	NA	NA
AMD Sempron LE-1100	438	2564	NA	NA
AMD Sempron LE-1150	444	2555	NA	NA
AMD Sempron LE-1200	528	2477	NA	NA
AMD Sempron LE-1250	541	2469	5.41	\$99.95*
AMD Sempron LE-1300	598	2439	28.51	\$21.00
AMD Sempron LE-1600	535	2473	NA	NA
AMD Sempron LE-1620	635	2421	NA	NA
AMD Sempron LE-1640	759	2362	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron M100	566	2459	47.17	\$12.00*
AMD Sempron M120	582	2448	NA	NA
AMD Sempron SI-40	443	2557	36.93	\$12.00*
AMD Sempron SI-42	456	2544	15.22	\$30.01*
AMD Sempron X2 180	1222	2101	17.62	\$69.40*
AMD Sempron X2 190	1512	1953	18.12	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1994	NA	NA
AMD Turion 64 Mobile MK-36	465	2531	NA	NA
AMD Turion 64 Mobile MK-38	513	2489	NA	NA
AMD Turion 64 Mobile ML-28	390	2623	NA	NA
AMD Turion 64 Mobile ML-30	402	2604	NA	NA
AMD Turion 64 Mobile ML-32	402	2602	NA	NA
AMD Turion 64 Mobile ML-34	425	2580	NA	NA
AMD Turion 64 Mobile ML-37	442	2558	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2483	NA	NA
AMD Turion 64 Mobile ML-42	615	2430	NA	NA
AMD Turion 64 Mobile ML-44	591	2441	NA	NA
AMD Turion 64 Mobile MT-28	419	2582	NA	NA
AMD Turion 64 Mobile MT-30	378	2630	NA	NA
AMD Turion 64 Mobile MT-32	426	2579	NA	NA
AMD Turion 64 Mobile MT-34	429	2575	NA	NA
AMD Turion 64 Mobile MT-37	484	2515	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	2472	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2368	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2358	NA	NA
AMD Turion 64 X2 Mobile TL-56	891	2303	63.89	\$13.95*
AMD Turion 64 X2 Mobile TL-58	947	2270	NA	NA
AMD Turion 64 X2 Mobile TL-60	996	2232	62.48	\$15.95*
AMD Turion 64 X2 Mobile TL-62	1087	2178	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1090	2176	27.69	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2151	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2137	12.92	\$90.00*
AMD Turion Dual-Core RM-70	912	2293	36.49	\$25.00*
AMD Turion Dual-Core RM-72	860	2312	21.52	\$39.99*
AMD Turion Dual-Core RM-74	1016	2218	NA	NA
AMD Turion Dual-Core RM-75	977	2243	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1293	2055	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2047	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	2034	NA	NA
AMD Turion II N530 Dual-Core	1583	1921	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1942	NA	NA
AMD Turion II Neo K625 Dual-Core	975	2245	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2120	NA	NA
AMD Turion II Neo N40L Dual-Core	925	2282	NA	NA
AMD Turion II Neo N54L Dual-Core	1364	2016	NA	NA
AMD Turion II P520 Dual-Core	1359	2021	NA	NA
AMD Turion II P540 Dual-Core	1430	1987	28.65	\$49.95*
AMD Turion II P560 Dual-Core	1514	1951	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	1995	52.55	\$26.76*
AMD Turion II Ultra Dual-Core Mobile M620	1435	1984	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1873	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1940	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion Neo X2 Dual Core L625	813	2340	NA	NA
AMD Turion X2 Dual Core L510	923	2285	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2314	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2194	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	991	2237	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2181	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2193	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1120	2155	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2146	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1017	2217	16.42	\$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2182	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2107	63.72	\$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2094	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	2054	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1232	2096	30.86	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2231	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2210	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1975	NA	NA
AMD V105	299	2724	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD V120	623	2428	NA	NA
AMD V140	643	2418	12.89	\$49.95*
AMD V160	677	2402	NA	NA
AMD Z-01	523	2482	NA	NA
AMD Z-60 APU	500	2500	NA	NA
AMD-K6 3D	90	2900	NA	NA
AMD-K6-III	108	2897	NA	NA
AMD-K7	403	2601	NA	NA
Athlon 64 Dual Core 3800+	1234	2095	NA	NA
Athlon 64 Dual Core 4200+	1156	2142	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	2013	NA	NA
Athlon 64 Dual Core 5000+	1507	1954	NA	NA
Athlon 64 Dual Core 5400+	1614	1906	NA	NA
Athlon 64 Dual Core 5600+	1548	1933	NA	NA
Athlon Dual Core 4050e	968	2249	NA	NA
Athlon Dual Core 4450e	1204	2111	NA	NA
Athlon Dual Core 4850e	1346	2026	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1388	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1085	2180	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1170	2130	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1201	2114	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	2072	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2110	NA	NA
HP Hexa-Core 2.0GHz	2178	1631	4.32	\$504.27*
Intel 2.80GHz	525	2480	NA	NA
Intel 1300 @ 1.66GHz	857	2316	NA	NA
Intel 1400 @ 1.83GHz	980	2242	NA	NA
Intel 1500 @ 2.00GHz	1024	2212	NA	NA
Intel Atom 230 @ 1.60GHz	307	2711	NA	NA
Intel Atom 330 @ 1.60GHz	587	2445	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2302	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2257	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1669	20.05	\$104.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C2550 @ 2.40GHz	2261	1599	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1634	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	1106	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1223	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1280	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1520	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1490	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	898	14.62	\$332.00*
Intel Atom D410 @ 1.66GHz	301	2720	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2672	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2410	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2386	NA	NA
Intel Atom D2500 @ 1.86GHz	403	2599	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2400	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2382	NA	NA
Intel Atom D2700 @ 2.13GHz	839	2325	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D2701 @ 2.13GHz	720	2379	NA	NA
Intel Atom E660 @ 1.30GHz	271	2772	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2669	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2685	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2450	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2506	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2321	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2138	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	1956	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1771	NA	NA
Intel Atom E3950 @ 1.60GHz	1872	1770	NA	NA
Intel Atom K510 @ 1.66GHz	658	2409	NA	NA
Intel Atom N270 @ 1.60GHz	269	2775	NA	NA
Intel Atom N280 @ 1.66GHz	282	2754	NA	NA
Intel Atom N435 @ 1.33GHz	261	2783	NA	NA
Intel Atom N450 @ 1.66GHz	296	2731	NA	NA
Intel Atom N455 @ 1.66GHz	283	2752	NA	NA
Intel Atom N470 @ 1.83GHz	318	2696	NA	NA
Intel Atom N475 @ 1.83GHz	314	2702	NA	NA
Intel Atom N550 @ 1.50GHz	524	2481	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	572	2455	6.66	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2716	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2478	NA	NA
Intel Atom N2800 @ 1.86GHz	624	2427	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2290	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1687	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2341	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1617	1904	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1193	2116	8.98	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1015	2219	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1270	2073	60.52	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1693	1861	27.07	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1831	1792	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1894	1757	25.73	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1894	1756	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2851	4.33	\$45.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z515 @ 1.20GHz	218	2827	NA	NA
Intel Atom Z520 @ 1.33GHz	217	2828	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2759	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2666	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2627	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2807	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2458	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2291	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2279	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2298	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2299	NA	NA
Intel Atom Z3736F @ 1.33GHz	919	2289	NA	NA
Intel Atom Z3740 @ 1.33GHz	1061	2192	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3740D @ 1.33GHz	1025	2211	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2186	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1034	2206	NA	NA
Intel Atom Z3770 @ 1.46GHz	1245	2091	8.34	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2345	NA	NA
Intel Atom Z3775 @ 1.46GHz	1260	2079	36.00	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2069	NA	NA
Intel Atom Z3795 @ 1.60GHz	1772	1811	NA	NA
Intel Celeron 1.70GHz	130	2890	NA	NA
Intel Celeron 1.80GHz	136	2887	NA	NA
Intel Celeron 2.00GHz	182	2863	NA	NA
Intel Celeron 2.10GHz	244	2805	NA	NA
Intel Celeron 2.13GHz	208	2838	NA	NA
Intel Celeron 2.20GHz	213	2833	NA	NA
Intel Celeron 2.26GHz	223	2822	NA	NA
Intel Celeron 2.30GHz	227	2819	NA	NA
Intel Celeron 2.40GHz	217	2829	NA	NA
Intel Celeron 2.50GHz	247	2799	NA	NA
Intel Celeron 2.53GHz	245	2803	NA	NA
Intel Celeron 2.60GHz	238	2810	NA	NA
Intel Celeron 2.66GHz	250	2796	NA	NA
Intel Celeron 2.70GHz	245	2804	NA	NA
Intel Celeron 2.80GHz	254	2789	NA	NA
Intel Celeron 2.93GHz	283	2751	NA	NA
Intel Celeron 3.06GHz	284	2748	NA	NA
Intel Celeron 3.20GHz	288	2741	NA	NA
Intel Celeron 3.33GHz	333	2683	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2691	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2693	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2549	11.27	\$39.99*
Intel Celeron 430 @ 1.80GHz	487	2507	10.34	\$47.18
Intel Celeron 440 @ 2.00GHz	548	2464	18.28	\$29.99
Intel Celeron 450 @ 2.20GHz	625	2426	20.86	\$29.99*
Intel Celeron 530 @ 1.73GHz	471	2527	20.49	\$22.99*
Intel Celeron 540 @ 1.86GHz	521	2484	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2486	7.96	\$64.95
Intel Celeron 560 @ 2.13GHz	531	2475	6.65	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2485	NA	NA
Intel Celeron 600MHz	147	2883	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 723 @ 1.20GHz	405	2597	NA	NA
Intel Celeron 743 @ 1.30GHz	429	2574	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2366	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2644	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2431	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2276	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1021	2215	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2149	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2128	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1290	2058	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 887 @ 1.50GHz	1280	2068	NA	NA
Intel Celeron 900 @ 2.20GHz	677	2403	23.38	\$28.99
Intel Celeron 925 @ 2.30GHz	691	2395	NA	NA
Intel Celeron 1000M @ 1.80GHz	1675	1869	NA	NA
Intel Celeron 1000MHz	213	2832	NA	NA
Intel Celeron 1005M @ 1.90GHz	1810	1799	NA	NA
Intel Celeron 1007U @ 1.50GHz	1389	2002	7.51	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1513	1952	NA	NA
Intel Celeron 1019Y @ 1.00GHz	946	2271	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1613	NA	NA
Intel Celeron 1037U @ 1.80GHz	1736	1831	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2119	NA	NA
Intel Celeron 1066MHz	259	2785	NA	NA
Intel Celeron 1100MHz	174	2869	NA	NA
Intel Celeron 1133MHz	282	2753	NA	NA
Intel Celeron 1200MHz	244	2806	NA	NA
Intel Celeron 1300MHz	288	2743	NA	NA
Intel Celeron 1333MHz	290	2737	NA	NA
Intel Celeron 1400MHz	302	2717	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1557	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1909	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1984	1711	NA	NA
Intel Celeron 2955U @ 1.40GHz	1417	1991	NA	NA
Intel Celeron 2957U @ 1.40GHz	1435	1985	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2163	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1572	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1918	NA	NA
Intel Celeron 2981U @ 1.60GHz	1404	1996	NA	NA
Intel Celeron 3205U @ 1.50GHz	1499	1959	5.22	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1641	1889	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1853	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1706	NA	NA
Intel Celeron 3855U @ 1.60GHz	1686	1863	NA	NA
Intel Celeron 3865U @ 1.80GHz	1901	1753	NA	NA
Intel Celeron 3867U @ 1.80GHz	1843	1784	17.23	\$107.00*
Intel Celeron 3955U @ 2.00GHz	1913	1744	NA	NA
Intel Celeron 3965U @ 2.20GHz	2353	1559	22.00	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1629	1898	15.23	\$107.00*
Intel Celeron 4205U @ 1.80GHz	1953	1725	18.25	\$107.00*
Intel Celeron @ 1.30GHz	965	2251	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2857	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2338	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron B800 @ 1.50GHz	1277	2071	NA	NA
Intel Celeron B810 @ 1.60GHz	1395	2000	NA	NA
Intel Celeron B815 @ 1.60GHz	1366	2014	NA	NA
Intel Celeron B820 @ 1.70GHz	1431	1986	36.42	\$39.29*
Intel Celeron B830 @ 1.80GHz	1515	1950	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1838	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2774	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron D 352 @ 3.20GHz	302	2718	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2699	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2679	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2598	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2519	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2446	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2315	7.80	\$109.95*
Intel Celeron E1400 @ 2.00GHz	1048	2199	14.98	\$69.99
Intel Celeron E1500 @ 2.20GHz	1169	2132	59.51	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2081	NA	NA
Intel Celeron E3200 @ 2.40GHz	1383	2006	26.62	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1387	2004	23.13	\$59.99
Intel Celeron E3400 @ 2.60GHz	1440	1981	2.36	\$610.00*
Intel Celeron E3500 @ 2.70GHz	1454	1974	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	694	2392	13.90	\$49.99*
Intel Celeron G460 @ 1.80GHz	1035	2205	15.93	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2190	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2052	NA	NA
Intel Celeron G530 @ 2.40GHz	2132	1646	53.32	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1840	NA	NA
Intel Celeron G540 @ 2.50GHz	2196	1627	48.81	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1655	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1580	28.63	\$80.00
Intel Celeron G550T @ 2.20GHz	2063	1679	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1532	22.23	\$109.00
Intel Celeron G1101 @ 2.27GHz	1667	1876	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2489	1510	52.97	\$47.00
Intel Celeron G1610T @ 2.30GHz	2270	1594	56.72	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2577	1473	39.65	\$64.99
Intel Celeron G1620T @ 2.40GHz	2353	1562	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1508	35.63	\$69.99
Intel Celeron G1820 @ 2.70GHz	2755	1421	30.62	\$89.99
Intel Celeron G1820T @ 2.40GHz	2496	1507	59.44	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1647	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1488	26.80	\$94.95
Intel Celeron G1840 @ 2.80GHz	2859	1385	31.88	\$89.71
Intel Celeron G1840T @ 2.50GHz	2554	1483	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1366	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3139	1289	55.87	\$56.20
Intel Celeron G3900E @ 2.40GHz	2679	1442	NA	NA
Intel Celeron G3900T @ 2.60GHz	2925	1361	26.01	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1468	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1293	27.40	\$113.99
Intel Celeron G3930 @ 2.90GHz	3034	1322	59.30	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1414	41.96	\$65.93*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3950 @ 3.00GHz	3049	1320	42.82	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3276	1241	61.25	\$53.50
Intel Celeron G4900T @ 2.90GHz	3096	1301	NA	NA
Intel Celeron G4920 @ 3.20GHz	3192	1267	47.66	\$66.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron J1750 @ 2.41GHz	1037	2204	NA	NA
Intel Celeron J1800 @ 2.41GHz	1029	2208	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1903	NA	NA
Intel Celeron J1900 @ 1.99GHz	1839	1787	NA	NA
Intel Celeron J3060 @ 1.60GHz	967	2250	NA	NA
Intel Celeron J3160 @ 1.60GHz	1793	1805	NA	NA
Intel Celeron J3355 @ 2.00GHz	1168	2133	NA	NA
Intel Celeron J3455 @ 1.50GHz	2112	1658	6.03	\$349.99
Intel Celeron J4005 @ 2.00GHz	1541	1936	10.97	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2637	1453	24.65	\$107.00*
Intel Celeron M 1.00GHz	207	2839	16.60	\$12.49
Intel Celeron M 1.30GHz	316	2698	NA	NA
Intel Celeron M 1.50GHz	343	2674	NA	NA
Intel Celeron M 1.60GHz	364	2653	NA	NA
Intel Celeron M 1.70GHz	393	2619	NA	NA
Intel Celeron M 360 1.40GHz	328	2687	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2700	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2676	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2646	NA	NA
Intel Celeron M 440 @ 1.86GHz	395	2612	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2791	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2550	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2572	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2535	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2468	NA	NA
Intel Celeron M 600MHz	151	2881	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2543	NA	NA
Intel Celeron M 900MHz	204	2841	NA	NA
Intel Celeron M 1200MHz	275	2769	NA	NA
Intel Celeron M 1300MHz	303	2714	NA	NA
Intel Celeron M 1500MHz	333	2684	NA	NA
Intel Celeron M ULV 800MHz	184	2861	NA	NA
Intel Celeron N2805 @ 1.46GHz	461	2540	NA	NA
Intel Celeron N2806 @ 1.60GHz	796	2346	NA	NA
Intel Celeron N2807 @ 1.58GHz	856	2317	NA	NA
Intel Celeron N2808 @ 1.58GHz	908	2297	NA	NA
Intel Celeron N2810 @ 2.00GHz	787	2351	5.62	\$139.99*
Intel Celeron N2815 @ 1.86GHz	850	2320	NA	NA
Intel Celeron N2820 @ 2.13GHz	923	2284	4.40	\$209.99
Intel Celeron N2830 @ 2.16GHz	955	2263	NA	NA
Intel Celeron N2840 @ 2.16GHz	1002	2225	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2112	NA	NA
Intel Celeron N2920 @ 1.86GHz	1500	1958	NA	NA
Intel Celeron N2930 @ 1.83GHz	1627	1900	NA	NA
Intel Celeron N2940 @ 1.83GHz	1730	1833	NA	NA
Intel Celeron N3000 @ 1.04GHz	909	2295	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2252	NA	NA
Intel Celeron N3050 @ 1.60GHz	878	2305	5.24	\$167.60

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N3060 @ 1.60GHz	989	2239	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N3150 @ 1.60GHz	1656	1882	NA	NA
Intel Celeron N3160 @ 1.60GHz	1664	1878	5.38	\$309.19
Intel Celeron N3350 @ 1.10GHz	1111	2162	NA	NA
Intel Celeron N3450 @ 1.10GHz	1844	1781	8.24	\$223.99*
Intel Celeron N4000 @ 1.10GHz	1438	1982	13.45	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2265	1596	21.17	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1119	2156	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2235	NA	NA
Intel Celeron P4600 @ 2.00GHz	1344	2029	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2355	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2266	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2195	35.29	\$29.99*
Intel Celeron U1900 @ 1.99GHz	1704	1852	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2377	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2397	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2343	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1050	2198	6.57	\$159.95*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2141	23.15	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1270	2074	17.84	\$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1384	2005	8.76	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	1966	54.88	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1108	2165	85.34	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2121	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1288	2060	43.03	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1361	2018	27.24	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	1977	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1960	100.24	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1553	1932	103.66	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1860	56.47	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1714	1842	166.49	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1946	1729	38.95	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1628	1899	33.23	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1725	1835	43.26	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1770	1812	61.07	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1874	1767	125.06	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1965	1719	16.38	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1556	1930	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1761	1815	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1884	1765	37.69	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1723	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1560	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1989	1708	99.53	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1780	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1650	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2149	1641	47.24	\$45.50*
Intel Core2 Duo E8435 @ 3.06GHz	2127	1651	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2281	1585	57.06	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2400	1542	56.54	\$42.45*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1620	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo L7100 @ 1.20GHz	760	2360	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2398	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2334	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2322	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	959	2259	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2246	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2157	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1074	2189	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1345	2027	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	2059	64.48	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1307	2046	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	1992	35.43	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2273	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1946	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1452	1976	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2214	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1454	1973	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1939	31.25	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1902	42.77	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1827	30.57	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1928	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1753	1822	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1754	1821	17.72	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1864	1775	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2015	1697	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2444	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1251	2086	4.95	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1677	1868	5.91	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	925	2280	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	832	2329	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	838	2328	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2339	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	932	2277	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2292	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2296	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2286	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1038	2203	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2209	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	993	2236	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1094	2175	109.51	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1116	2158	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1200	2115	75.48	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1150	2145	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1208	2108	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2099	81.82	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1285	2064	85.77	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1258	2080	32.69	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1361	2019	72.02	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1360	2020	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T7100 @ 1.80GHz	1018	2216	46.32	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	2134	11.68	\$99.95
Intel Core2 Duo T7250 @ 2.00GHz	1116	2159	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	1193	2117	38.51	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1251	2087	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1270	2075	29.56	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1378	2010	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1423	1989	10.17	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1597	1916	2.63	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1297	2053	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1473	1968	13.52	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1673	1870	28.86	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1738	1830	24.86	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1797	1803	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1805	1801	6.04	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1737	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2016	1696	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2132	1645	5.35	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	874	2307	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2442	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2405	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2391	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2313	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1128	2153	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1862	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1144	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3634	1148	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1194	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1873	1769	7.11	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1802	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2036	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1865	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1758	4.62	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2068	1676	2.43	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4156	1033	4.83	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	965	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	938	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	929	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2948	1350	73.75	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3282	1240	72.95	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2810	1401	122.25	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2979	1339	59.61	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3161	1281	13.18	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2525	1492	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1251	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3159	1283	15.84	\$199.50*
Intel Core2 Quad Q9400 @ 2.66GHz	3340	1227	69.55	\$48.03*
Intel Core2 Quad Q9450 @ 2.66GHz	3757	1120	105.25	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3521	1178	100.65	\$34.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q9505 @ 2.83GHz	3539	1172	18.63	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3963	1069	89.09	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4160	1032	37.84	\$109.95
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1074	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2657	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2707	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Solo U3300 @ 1.20GHz	415	2584	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	464	2532	NA	NA
Intel Core 330 @ 1.60GHz	643	2417	NA	NA
Intel Core 860 @ 2.80GHz	4555	951	26.96	\$169.00*
Intel Core Duo L2300 @ 1.50GHz	719	2380	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2388	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2367	NA	NA
Intel Core Duo T2050 @ 1.60GHz	694	2393	NA	NA
Intel Core Duo T2250 @ 1.73GHz	754	2364	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2375	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2359	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2348	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2333	NA	NA
Intel Core Duo T2500 @ 2.00GHz	867	2310	7.23	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2274	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2213	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2466	NA	NA
Intel Core Duo U2500 @ 1.20GHz	511	2492	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1734	NA	NA
Intel Core i3-330M @ 2.13GHz	1785	1808	11.16	\$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2188	NA	NA
Intel Core i3-350M @ 2.27GHz	1891	1761	17.36	\$108.95*
Intel Core i3-370M @ 2.40GHz	2014	1698	50.42	\$39.96*
Intel Core i3-380M @ 2.53GHz	2093	1665	9.97	\$209.95*
Intel Core i3-380UM @ 1.33GHz	1157	2139	NA	NA
Intel Core i3-390M @ 2.67GHz	2179	1630	55.97	\$38.95*
Intel Core i3-530 @ 2.93GHz	2565	1479	13.58	\$189.00*
Intel Core i3-540 @ 3.07GHz	2687	1441	20.67	\$129.99
Intel Core i3-550 @ 3.20GHz	2829	1391	16.10	\$175.74
Intel Core i3-560 @ 3.33GHz	2934	1355	16.31	\$179.95*
Intel Core i3-2100 @ 3.10GHz	3690	1139	67.11	\$54.99
Intel Core i3-2100T @ 2.50GHz	2962	1347	49.39	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1125	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3712	1133	32.29	\$114.99*
Intel Core i3-2120 @ 3.30GHz	3929	1079	56.14	\$70.00
Intel Core i3-2120T @ 2.60GHz	3164	1279	126.65	\$24.99
Intel Core i3-2125 @ 3.30GHz	4009	1057	19.37	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4073	1046	35.42	\$114.99
Intel Core i3-2140 @ 3.50GHz	4325	1000	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1387	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2432	1529	54.06	\$44.99
Intel Core i3-2312M @ 2.10GHz	2374	1552	NA	NA
Intel Core i3-2328M @ 2.20GHz	2546	1486	27.39	\$92.97*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2330E @ 2.20GHz	3073	1309	NA	NA
Intel Core i3-2330M @ 2.20GHz	2524	1493	50.55	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1549	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1837	NA	NA
Intel Core i3-2348M @ 2.30GHz	2622	1457	NA	NA
Intel Core i3-2350M @ 2.30GHz	2629	1456	18.79	\$139.95*
Intel Core i3-2357M @ 1.30GHz	1556	1931	NA	NA
Intel Core i3-2365M @ 1.40GHz	1677	1867	NA	NA
Intel Core i3-2367M @ 1.40GHz	1708	1849	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2370M @ 2.40GHz	2777	1410	69.77	\$39.81
Intel Core i3-2375M @ 1.50GHz	1769	1813	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1794	NA	NA
Intel Core i3-3110M @ 2.40GHz	3082	1305	38.56	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3224	1256	29.32	\$110.00*
Intel Core i3-3130M @ 2.60GHz	3384	1212	NA	NA
Intel Core i3-3210 @ 3.20GHz	4041	1051	20.31	\$199.00
Intel Core i3-3217U @ 1.80GHz	2301	1577	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1638	NA	NA
Intel Core i3-3220 @ 3.30GHz	4244	1015	77.19	\$54.99
Intel Core i3-3220T @ 2.80GHz	3693	1136	27.36	\$135.00
Intel Core i3-3225 @ 3.30GHz	4344	996	13.37	\$324.99
Intel Core i3-3227U @ 1.90GHz	2467	1517	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1855	NA	NA
Intel Core i3-3240 @ 3.40GHz	4318	1003	86.36	\$50.00
Intel Core i3-3240T @ 2.90GHz	3655	1145	NA	NA
Intel Core i3-3245 @ 3.40GHz	4444	974	25.84	\$172.01
Intel Core i3-3250 @ 3.50GHz	4447	972	46.82	\$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1150	NA	NA
Intel Core i3-4000M @ 2.40GHz	3256	1245	16.29	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2443	1525	NA	NA
Intel Core i3-4010U @ 1.70GHz	2440	1526	8.45	\$289.00
Intel Core i3-4010Y @ 1.30GHz	1900	1754	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2164	1637	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2212	1621	NA	NA
Intel Core i3-4025U @ 1.90GHz	2787	1408	NA	NA
Intel Core i3-4030U @ 1.90GHz	2717	1431	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1503	NA	NA
Intel Core i3-4100M @ 2.50GHz	3428	1200	15.69	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	1085	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1374	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1319	NA	NA
Intel Core i3-4130 @ 3.40GHz	4805	904	44.09	\$109.00
Intel Core i3-4130T @ 2.90GHz	4147	1035	46.61	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4899	886	49.49	\$99.00
Intel Core i3-4150T @ 3.00GHz	4237	1016	18.43	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1362	NA	NA
Intel Core i3-4160 @ 3.60GHz	5053	851	46.36	\$109.00
Intel Core i3-4160T @ 3.10GHz	4452	971	29.69	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5191	827	19.97	\$259.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4170T @ 3.20GHz	4545	957	21.65	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5086	839	27.49	\$185.00
Intel Core i3-4330T @ 3.00GHz	4485	969	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1261	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	821	30.84	\$169.99*
Intel Core i3-4350 @ 3.60GHz	4990	865	29.36	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	1007	NA	NA
Intel Core i3-4360 @ 3.70GHz	5461	787	21.09	\$259.00
Intel Core i3-4360T @ 3.20GHz	4636	933	NA	NA
Intel Core i3-4370 @ 3.80GHz	5613	764	18.17	\$309.00*
Intel Core i3-4370T @ 3.30GHz	4870	889	35.29	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	878	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-5005U @ 2.00GHz	2908	1367	NA	NA
Intel Core i3-5010U @ 2.10GHz	3057	1315	9.05	\$337.76*
Intel Core i3-5015U @ 2.10GHz	3006	1331	NA	NA
Intel Core i3-5020U @ 2.20GHz	3198	1263	6.97	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3663	1143	NA	NA
Intel Core i3-6006U @ 2.00GHz	3082	1306	NA	NA
Intel Core i3-6098P @ 3.60GHz	5408	791	40.44	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5482	779	45.78	\$119.76
Intel Core i3-6100E @ 2.70GHz	3769	1113	NA	NA
Intel Core i3-6100H @ 2.70GHz	4222	1020	NA	NA
Intel Core i3-6100T @ 3.20GHz	4854	897	35.96	\$134.99*
Intel Core i3-6100TE @ 2.70GHz	4304	1005	NA	NA
Intel Core i3-6100U @ 2.30GHz	3604	1154	7.00	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	1097	NA	NA
Intel Core i3-6300 @ 3.80GHz	5843	736	25.52	\$229.00
Intel Core i3-6300T @ 3.30GHz	5247	820	33.86	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6047	716	15.63	\$386.99
Intel Core i3-7020U @ 2.30GHz	3522	1177	12.53	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5781	741	30.11	\$192.01
Intel Core i3-7100H @ 3.00GHz	4627	937	20.57	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5048	854	35.14	\$143.66
Intel Core i3-7100U @ 2.40GHz	3766	1114	9.90	\$380.64*
Intel Core i3-7101TE @ 3.40GHz	5189	828	44.36	\$117.00*
Intel Core i3-7102E @ 2.10GHz	3266	1242	14.52	\$225.00*
Intel Core i3-7130U @ 2.70GHz	4057	1048	14.44	\$281.00*
Intel Core i3-7167U @ 2.80GHz	4757	913	NA	NA
Intel Core i3-7300 @ 4.00GHz	6356	684	36.99	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	800	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6417	676	35.12	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6597	661	38.14	\$172.99
Intel Core i3-8100 @ 3.60GHz	8033	514	56.58	\$141.99
Intel Core i3-8100B @ 3.60GHz	8544	469	64.24	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7368	585	61.92	\$119.00
Intel Core i3-8109U @ 3.00GHz	6178	698	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	908	NA	NA
Intel Core i3-8130U @ 2.20GHz	5039	857	17.93	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5494	778	19.55	\$281.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8300 @ 3.70GHz	8700	455	39.88	\$218.15
Intel Core i3-8300T @ 3.20GHz	8032	515	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9215	402	46.37	\$198.75
Intel Core i3-9100 @ 3.60GHz	9205	404	70.82	\$129.99
Intel Core i3-9100F @ 3.60GHz	9044	420	86.14	\$104.99
Intel Core i3-9100T @ 3.10GHz	7689	551	63.03	\$122.00*
Intel Core i3-9300 @ 3.70GHz	10018	327	65.91	\$152.00*
Intel Core i3-9300T @ 3.20GHz	8777	448	61.38	\$143.00*
Intel Core i3-9350KF @ 4.00GHz	10458	296	46.29	\$225.95
Intel Core i3-21050 @ 3.10GHz	3862	1089	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1626	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1512	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3614	1151	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3793	1108	NA	NA
Intel Core i5-430M @ 2.27GHz	2095	1664	14.97	\$139.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-430UM @ 1.20GHz	1341	2032	NA	NA
Intel Core i5-450M @ 2.40GHz	2126	1652	66.56	\$31.95*
Intel Core i5-460M @ 2.53GHz	2323	1566	29.06	\$79.95
Intel Core i5-470UM @ 1.33GHz	1081	2185	NA	NA
Intel Core i5-480M @ 2.67GHz	2402	1539	29.81	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1607	NA	NA
Intel Core i5-520M @ 2.40GHz	2368	1554	33.85	\$69.99*
Intel Core i5-520UM @ 1.07GHz	1351	2023	NA	NA
Intel Core i5-540M @ 2.53GHz	2452	1522	12.91	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	2012	NA	NA
Intel Core i5-560M @ 2.67GHz	2578	1472	42.98	\$60.00
Intel Core i5-560UM @ 1.33GHz	1664	1879	NA	NA
Intel Core i5-580M @ 2.67GHz	2590	1470	23.56	\$109.95
Intel Core i5-650 @ 3.20GHz	3098	1300	36.45	\$84.99*
Intel Core i5-655K @ 3.20GHz	3386	1211	56.45	\$59.99*
Intel Core i5-660 @ 3.33GHz	3253	1248	9.30	\$349.95*
Intel Core i5-661 @ 3.33GHz	3187	1269	13.86	\$229.99
Intel Core i5-670 @ 3.47GHz	3313	1232	36.83	\$89.99*
Intel Core i5-680 @ 3.60GHz	3514	1179	39.05	\$89.99*
Intel Core i5-750 @ 2.67GHz	3690	1138	17.87	\$206.56
Intel Core i5-760 @ 2.80GHz	3885	1084	43.18	\$89.99*
Intel Core i5-2300 @ 2.80GHz	5363	802	67.05	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5531	773	29.69	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5768	743	36.05	\$160.00
Intel Core i5-2380P @ 3.10GHz	5749	747	31.94	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4227	1018	42.32	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5967	720	86.49	\$69.00
Intel Core i5-2400S @ 2.50GHz	4986	866	27.40	\$182.00
Intel Core i5-2405S @ 2.50GHz	5082	841	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3168	1277	40.58	\$78.07*
Intel Core i5-2415M @ 2.30GHz	3299	1235	NA	NA
Intel Core i5-2430M @ 2.40GHz	3285	1238	36.87	\$89.11*
Intel Core i5-2435M @ 2.40GHz	3227	1255	NA	NA
Intel Core i5-2450M @ 2.50GHz	3401	1205	38.65	\$88.02*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2450P @ 3.20GHz	6132	705	68.14	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2321	1567	NA	NA
Intel Core i5-2500 @ 3.30GHz	6344	685	115.23	\$55.06
Intel Core i5-2500K @ 3.30GHz	6477	669	14.92	\$434.26*
Intel Core i5-2500S @ 2.70GHz	5371	799	71.63	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4647	928	NA	NA
Intel Core i5-2510E @ 2.50GHz	3483	1187	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1233	NA	NA
Intel Core i5-2520M @ 2.50GHz	3594	1156	21.19	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2081	1671	NA	NA
Intel Core i5-2540M @ 2.60GHz	3786	1110	65.26	\$58.02
Intel Core i5-2550K @ 3.40GHz	6668	653	35.10	\$190.00*
Intel Core i5-2557M @ 1.70GHz	2693	1438	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1121	NA	NA
Intel Core i5-3210M @ 2.50GHz	3827	1101	51.71	\$74.02*
Intel Core i5-3230M @ 2.60GHz	3942	1078	17.38	\$226.77*
Intel Core i5-3317U @ 1.70GHz	3090	1302	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4130	1037	59.17	\$69.81

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3330 @ 3.00GHz	5947	723	29.74	\$200.00
Intel Core i5-3330S @ 2.70GHz	5685	753	59.85	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	740	NA	NA
Intel Core i5-3337U @ 1.80GHz	3229	1254	14.35	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1619	NA	NA
Intel Core i5-3340 @ 3.10GHz	6098	710	20.81	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4246	1014	53.12	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	735	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6151	701	41.01	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4435	977	47.79	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4436	975	NA	NA
Intel Core i5-3427U @ 1.80GHz	3547	1169	8.45	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3640	1147	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1358	NA	NA
Intel Core i5-3450 @ 3.10GHz	6537	666	25.78	\$253.59*
Intel Core i5-3450S @ 2.80GHz	6229	692	42.66	\$146.01
Intel Core i5-3470 @ 3.20GHz	6718	650	75.49	\$89.00
Intel Core i5-3470S @ 2.90GHz	6377	681	71.66	\$89.00*
Intel Core i5-3470T @ 2.90GHz	4488	968	14.53	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6612	659	46.08	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6963	619	20.73	\$335.99
Intel Core i5-3550S @ 3.00GHz	6910	629	20.95	\$329.95*
Intel Core i5-3570 @ 3.40GHz	7135	605	79.29	\$89.99
Intel Core i5-3570K @ 3.40GHz	7177	602	37.97	\$189.00
Intel Core i5-3570S @ 3.10GHz	6746	646	23.67	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5914	727	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3898	1083	NA	NA
Intel Core i5-4200H @ 2.80GHz	4446	973	NA	NA
Intel Core i5-4200M @ 2.50GHz	4036	1052	49.76	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3295	1237	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1538	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4202Y @ 1.60GHz	2262	1598	NA	NA
Intel Core i5-4210H @ 2.90GHz	4530	960	NA	NA
Intel Core i5-4210M @ 2.60GHz	4203	1024	13.56	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3406	1204	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2378	1550	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1575	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1373	NA	NA
Intel Core i5-4250U @ 1.30GHz	3452	1195	9.62	\$359.00
Intel Core i5-4258U @ 2.40GHz	4082	1045	NA	NA
Intel Core i5-4260U @ 1.40GHz	3571	1163	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	991	NA	NA
Intel Core i5-4288U @ 2.60GHz	4304	1006	NA	NA
Intel Core i5-4300M @ 2.60GHz	4430	978	NA	NA
Intel Core i5-4300U @ 1.90GHz	3744	1124	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2502	1505	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1342	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	1021	NA	NA
Intel Core i5-4310M @ 2.70GHz	4646	930	NA	NA
Intel Core i5-4310U @ 2.00GHz	3766	1116	NA	NA
Intel Core i5-4330M @ 2.80GHz	4547	955	16.54	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4861	895	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4350U @ 1.40GHz	3610	1152	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	954	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1075	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1403	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6339	686	24.53	\$258.41
Intel Core i5-4430S @ 2.70GHz	5961	722	37.26	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6513	667	13.11	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6245	691	13.49	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6719	649	35.37	\$189.99
Intel Core i5-4460S @ 2.90GHz	6425	674	9.74	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4960	873	NA	NA
Intel Core i5-4570 @ 3.20GHz	7149	604	61.78	\$115.72
Intel Core i5-4570R @ 2.70GHz	6756	644	NA	NA
Intel Core i5-4570S @ 2.90GHz	6831	636	35.77	\$191.00
Intel Core i5-4570T @ 2.90GHz	4817	900	22.94	\$209.95
Intel Core i5-4570TE @ 2.70GHz	3827	1100	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7332	589	56.41	\$129.99
Intel Core i5-4590S @ 3.00GHz	7066	612	39.70	\$178.00
Intel Core i5-4590T @ 2.00GHz	5613	765	26.74	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7462	571	32.17	\$232.00
Intel Core i5-4670K @ 3.40GHz	7635	558	22.21	\$343.81*
Intel Core i5-4670K CPT @ 3.40GHz	7411	581	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	580	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7386	583	34.68	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6168	700	23.81	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7684	552	32.84	\$234.00
Intel Core i5-4690K @ 3.50GHz	7795	541	50.62	\$154.00
Intel Core i5-4690S @ 3.20GHz	7426	577	29.76	\$249.54
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4690T @ 2.50GHz	6565	663	NA	NA
Intel Core i5-5200U @ 2.20GHz	3489	1184	NA	NA
Intel Core i5-5250U @ 1.60GHz	3590	1158	8.13	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4410	983	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	921	NA	NA
Intel Core i5-5300U @ 2.30GHz	3828	1099	7.42	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3512	1181	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	570	NA	NA
Intel Core i5-5675C @ 3.10GHz	8191	497	26.43	\$309.95*
Intel Core i5-5675R @ 3.10GHz	7991	524	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4147	1034	NA	NA
Intel Core i5-6200U @ 2.30GHz	4022	1053	NA	NA
Intel Core i5-6260U @ 1.80GHz	4362	992	8.41	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4962	872	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	914	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6089	711	NA	NA
Intel Core i5-6300U @ 2.40GHz	4370	988	NA	NA
Intel Core i5-6360U @ 2.00GHz	4880	888	NA	NA
Intel Core i5-6400 @ 2.70GHz	6765	642	19.90	\$340.03*
Intel Core i5-6400T @ 2.20GHz	5614	763	21.60	\$259.95*
Intel Core i5-6402P @ 2.80GHz	7120	607	37.48	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	693	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6804	638	NA	NA
Intel Core i5-6500 @ 3.20GHz	7248	596	43.15	\$168.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6500T @ 2.50GHz	6289	688	43.38	\$144.99*
Intel Core i5-6500TE @ 2.30GHz	6579	662	31.33	\$209.99*
Intel Core i5-6600 @ 3.30GHz	7780	545	29.68	\$262.13
Intel Core i5-6600K @ 3.50GHz	8064	512	30.65	\$263.11*
Intel Core i5-6600T @ 2.70GHz	7342	588	24.48	\$299.95*
Intel Core i5-7200U @ 2.50GHz	4602	942	NA	NA
Intel Core i5-7260U @ 2.20GHz	5673	756	10.17	\$557.98
Intel Core i5-7267U @ 3.10GHz	4976	869	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	760	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6780	640	NA	NA
Intel Core i5-7300U @ 2.60GHz	5186	829	11.04	\$469.99
Intel Core i5-7360U @ 2.30GHz	5865	732	NA	NA
Intel Core i5-7400 @ 3.00GHz	7319	590	37.16	\$196.99
Intel Core i5-7400T @ 2.40GHz	6403	677	29.74	\$215.27
Intel Core i5-7440HQ @ 2.80GHz	7674	556	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	6262	690	25.05	\$250.00*
Intel Core i5-7500 @ 3.40GHz	8020	517	39.70	\$202.00
Intel Core i5-7500T @ 2.70GHz	7023	615	30.51	\$230.18
Intel Core i5-7600 @ 3.50GHz	8723	454	35.75	\$243.99
Intel Core i5-7600K @ 3.80GHz	9112	412	32.90	\$276.99
Intel Core i5-7600T @ 2.80GHz	8111	509	31.86	\$254.64
Intel Core i5-7640X @ 4.00GHz	9545	373	53.86	\$177.21
Intel Core i5-8200Y @ 1.30GHz	4206	1023	14.46	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4284	1009	NA	NA
Intel Core i5-8250U @ 1.60GHz	7676	555	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8259U @ 2.30GHz	11015	266	14.28	\$771.61
Intel Core i5-8265U @ 1.60GHz	7993	523	26.91	\$297.00*
Intel Core i5-8265UC @ 1.60GHz	8016	519	NA	NA
Intel Core i5-8300H @ 2.30GHz	9499	375	38.00	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8947	436	NA	NA
Intel Core i5-8350U @ 1.70GHz	8197	496	27.60	\$297.00*
Intel Core i5-8365U @ 1.60GHz	8453	475	28.46	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11649	247	58.54	\$199.00
Intel Core i5-8400H @ 2.50GHz	10157	312	40.63	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9571	371	48.10	\$199.00
Intel Core i5-8500 @ 3.00GHz	11909	241	47.83	\$249.00
Intel Core i5-8500B @ 3.00GHz	12756	215	66.44	\$192.00*
Intel Core i5-8500T @ 2.10GHz	10037	325	23.34	\$429.99
Intel Core i5-8600 @ 3.10GHz	12598	221	45.45	\$277.21*
Intel Core i5-8600K @ 3.60GHz	12759	214	40.78	\$312.92*
Intel Core i5-8600T @ 2.30GHz	10917	271	40.25	\$271.26
Intel Core i5-9300H @ 2.40GHz	9823	348	39.29	\$250.00*
Intel Core i5-9400 @ 2.90GHz	11966	239	63.02	\$189.89
Intel Core i5-9400F @ 2.90GHz	12151	235	83.81	\$144.99
Intel Core i5-9400H @ 2.50GHz	10567	288	42.27	\$250.00*
Intel Core i5-9400T @ 1.80GHz	10606	285	NA	NA
Intel Core i5-9500 @ 3.00GHz	12673	220	62.74	\$202.00*
Intel Core i5-9500T @ 2.20GHz	11211	257	58.39	\$192.00*
Intel Core i5-9600K @ 3.70GHz	13531	198	55.24	\$244.95
Intel Core i5-9600KF @ 3.70GHz	13934	180	59.30	\$234.99
Intel Core i5-24050S @ 2.50GHz	4928	879	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3733	1126	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-610 @ 2.53GHz	1969	1717	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1487	NA	NA
Intel Core i7-620LM @ 2.00GHz	1949	1728	NA	NA
Intel Core i7-620M @ 2.67GHz	2720	1430	24.73	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	2039	NA	NA
Intel Core i7-640LM @ 2.13GHz	2249	1604	NA	NA
Intel Core i7-640M @ 2.80GHz	2828	1392	14.14	\$199.95*
Intel Core i7-640UM @ 1.20GHz	1638	1892	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1826	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1845	NA	NA
Intel Core i7-720QM @ 1.60GHz	3010	1327	27.38	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3191	1268	19.95	\$159.95
Intel Core i7-820QM @ 1.73GHz	3221	1257	13.43	\$239.95*
Intel Core i7-840QM @ 1.87GHz	3411	1203	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	4998	864	17.24	\$289.95*
Intel Core i7-860S @ 2.53GHz	4711	918	23.56	\$199.99*
Intel Core i7-870 @ 2.93GHz	5324	809	49.30	\$107.99
Intel Core i7-870S @ 2.67GHz	4849	899	NA	NA
Intel Core i7-875K @ 2.93GHz	5405	792	15.59	\$346.78*
Intel Core i7-880 @ 3.07GHz	5505	777	9.44	\$583.00*
Intel Core i7-920 @ 2.67GHz	4914	883	100.29	\$49.00
Intel Core i7-920XM @ 2.00GHz	3727	1127	9.32	\$399.95*
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	5133	834	46.68	\$109.99
Intel Core i7-940 @ 2.93GHz	5336	807	51.32	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3967	1066	NA	NA
Intel Core i7-950 @ 3.07GHz	5538	771	18.25	\$303.46*
Intel Core i7-960 @ 3.20GHz	5800	739	21.35	\$271.72*
Intel Core i7-965 @ 3.20GHz	5854	733	41.82	\$139.99*
Intel Core i7-970 @ 3.20GHz	8351	484	16.71	\$499.95*
Intel Core i7-975 @ 3.33GHz	6121	706	14.75	\$414.90*
Intel Core i7-980 @ 3.33GHz	8642	463	43.22	\$199.98*
Intel Core i7-980X @ 3.33GHz	8741	452	9.61	\$909.99*
Intel Core i7-985 @ 3.47GHz	6641	656	NA	NA
Intel Core i7-990X @ 3.47GHz	9047	419	25.85	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	352	NA	NA
Intel Core i7-2600 @ 3.40GHz	8185	498	58.89	\$139.00
Intel Core i7-2600K @ 3.40GHz	8420	477	49.54	\$169.98
Intel Core i7-2600S @ 2.80GHz	7091	609	37.32	\$189.99*
Intel Core i7-2610UE @ 1.50GHz	2481	1515	NA	NA
Intel Core i7-2617M @ 1.50GHz	2824	1395	NA	NA
Intel Core i7-2620M @ 2.70GHz	3842	1094	22.63	\$169.81
Intel Core i7-2630QM @ 2.00GHz	5523	774	24.02	\$229.95*
Intel Core i7-2630UM @ 1.60GHz	2584	1471	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5468	784	NA	NA
Intel Core i7-2637M @ 1.70GHz	2910	1365	NA	NA
Intel Core i7-2640M @ 2.80GHz	3921	1082	26.01	\$150.78*
Intel Core i7-2655LE @ 2.20GHz	3196	1265	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5881	731	42.49	\$138.40*
Intel Core i7-2675QM @ 2.20GHz	5537	772	NA	NA
Intel Core i7-2677M @ 1.80GHz	2826	1393	NA	NA
Intel Core i7-2700K @ 3.50GHz	8681	460	29.24	\$296.90
Intel Core i7-2710QE @ 2.10GHz	5768	744	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2715QE @ 2.10GHz	5365	801	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6111	708	32.18	\$189.95
Intel Core i7-2760QM @ 2.40GHz	6560	664	31.25	\$209.95*
Intel Core i7-2820QM @ 2.30GHz	6641	657	34.77	\$191.02*
Intel Core i7-2840QM @ 2.40GHz	6766	641	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6960	620	12.87	\$541.00*
Intel Core i7-2920XM @ 2.50GHz	6998	617	15.89	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7224	599	17.62	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3582	1159	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3376	1216	NA	NA
Intel Core i7-3520M @ 2.90GHz	4546	956	34.44	\$132.02
Intel Core i7-3537U @ 2.00GHz	3843	1093	NA	NA
Intel Core i7-3540M @ 3.00GHz	4661	925	10.84	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1067	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	665	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7459	572	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	652	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6817	637	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	573	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	7383	584	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7580	562	31.72	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6930	626	30.14	\$229.95
Intel Core i7-3635QM @ 2.40GHz	6664	654	NA	NA
Intel Core i7-3667U @ 2.00GHz	4000	1059	NA	NA
Intel Core i7-3687U @ 2.10GHz	4190	1025	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1259	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8121	508	22.37	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	8317	487	34.66	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9279	396	70.70	\$131.25
Intel Core i7-3770K @ 3.50GHz	9506	374	25.11	\$378.60
Intel Core i7-3770S @ 3.10GHz	8893	439	21.69	\$409.99*
Intel Core i7-3770T @ 2.50GHz	8208	494	24.87	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8989	429	22.48	\$399.99
Intel Core i7-3820QM @ 2.70GHz	8409	478	29.51	\$285.00*
Intel Core i7-3840QM @ 2.80GHz	8774	449	30.36	\$289.05
Intel Core i7-3920XM @ 2.90GHz	9169	407	8.37	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11979	238	23.73	\$504.85*
Intel Core i7-3940XM @ 3.00GHz	9221	400	17.11	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12581	222	13.11	\$959.78*
Intel Core i7-3970X @ 3.50GHz	12679	219	15.65	\$809.99*
Intel Core i7-4500U @ 1.80GHz	3791	1109	NA	NA
Intel Core i7-4510U @ 2.00GHz	3922	1081	NA	NA
Intel Core i7-4550U @ 1.50GHz	3717	1130	NA	NA
Intel Core i7-4558U @ 2.80GHz	4397	984	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	998	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	910	NA	NA
Intel Core i7-4600M @ 2.90GHz	4901	885	NA	NA
Intel Core i7-4600U @ 2.10GHz	4094	1043	NA	NA
Intel Core i7-4610M @ 3.00GHz	4910	884	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1123	NA	NA
Intel Core i7-4650U @ 1.70GHz	3960	1072	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	601	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4700HQ @ 2.40GHz	7725	547	20.17	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7683	553	40.65	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7424	579	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7128	606	21.15	\$337.04*
Intel Core i7-4710HQ @ 2.50GHz	7723	549	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7981	526	29.39	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7526	566	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7197	600	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7994	522	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8067	511	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8199	495	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8735	453	NA	NA
Intel Core i7-4765T @ 2.00GHz	7302	593	18.26	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9778	355	43.37	\$225.46
Intel Core i7-4770HQ @ 2.20GHz	8953	434	NA	NA
Intel Core i7-4770K @ 3.50GHz	10075	323	29.37	\$343.00
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	349	NA	NA
Intel Core i7-4770S @ 3.10GHz	9350	389	37.40	\$249.99*
Intel Core i7-4770T @ 2.50GHz	8588	466	21.47	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	647	NA	NA
Intel Core i7-4771 @ 3.50GHz	9864	344	16.17	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7634	559	NA	NA
Intel Core i7-4790 @ 3.60GHz	9987	332	47.56	\$209.99
Intel Core i7-4790K @ 4.00GHz	11170	259	36.04	\$309.99
Intel Core i7-4790S @ 3.20GHz	9586	369	35.64	\$269.00
Intel Core i7-4790T @ 2.70GHz	9068	416	25.26	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8444	476	45.62	\$185.12
Intel Core i7-4810MQ @ 2.80GHz	8649	462	45.54	\$189.95*
Intel Core i7-4820K @ 3.70GHz	9714	363	44.16	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9056	418	20.87	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7874	531	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9271	397	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9352	388	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8975	431	15.30	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9333	391	20.29	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13008	209	27.35	\$475.68
Intel Core i7-4930MX @ 3.00GHz	9481	380	8.65	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9887	342	13.93	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9828	347	15.78	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13796	187	17.92	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10287	305	NA	NA
Intel Core i7-5500U @ 2.40GHz	3976	1064	NA	NA
Intel Core i7-5550U @ 2.00GHz	3851	1092	NA	NA
Intel Core i7-5557U @ 3.10GHz	4950	875	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4320	1002	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	1019	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	499	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	490	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8354	483	NA	NA
Intel Core i7-5775C @ 3.30GHz	10976	268	15.99	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10868	275	NA	NA
Intel Core i7-5820K @ 3.30GHz	12976	210	44.90	\$289.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5850EQ @ 2.70GHz	9817	350	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	382	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13621	195	15.45	\$881.89*
Intel Core i7-5950HQ @ 2.90GHz	10850	276	NA	NA
Intel Core i7-5960X @ 3.00GHz	15944	129	16.61	\$959.99*
Intel Core i7-6498DU @ 2.50GHz	4538	959	NA	NA
Intel Core i7-6500U @ 2.50GHz	4430	979	11.27	\$393.00*
Intel Core i7-6560U @ 2.20GHz	4815	901	NA	NA
Intel Core i7-6567U @ 3.30GHz	5615	761	NA	NA
Intel Core i7-6600U @ 2.60GHz	4804	905	NA	NA
Intel Core i7-6650U @ 2.20GHz	4971	871	NA	NA
Intel Core i7-6700 @ 3.40GHz	10003	330	29.86	\$334.99
Intel Core i7-6700HQ @ 2.60GHz	8132	505	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	260	28.20	\$393.93*
Intel Core i7-6700T @ 2.80GHz	9019	425	30.06	\$300.00*
Intel Core i7-6700TE @ 2.40GHz	8674	461	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9727	360	9.71	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13570	197	42.41	\$320.01
Intel Core i7-6820EQ @ 2.80GHz	8563	467	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9109	413	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8768	451	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	673	NA	NA
Intel Core i7-6850K @ 3.60GHz	14377	167	24.16	\$595.00
Intel Core i7-6900K @ 3.20GHz	17650	90	22.09	\$799.00
Intel Core i7-6920HQ @ 2.90GHz	9564	372	16.84	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19933	59	14.23	\$1,401.00
Intel Core i7-7500U @ 2.70GHz	5151	832	NA	NA
Intel Core i7-7560U @ 2.40GHz	5834	738	NA	NA
Intel Core i7-7567U @ 3.50GHz	6492	668	7.30	\$889.99
Intel Core i7-7600U @ 2.80GHz	5093	838	NA	NA
Intel Core i7-7660U @ 2.50GHz	6011	718	NA	NA
Intel Core i7-7700 @ 3.60GHz	10727	279	33.52	\$319.99
Intel Core i7-7700HQ @ 2.80GHz	8798	447	NA	NA
Intel Core i7-7700K @ 4.20GHz	12033	237	33.99	\$354.04
Intel Core i7-7700T @ 2.90GHz	9283	395	25.43	\$365.00
Intel Core i7-7740X @ 4.30GHz	12293	229	38.06	\$323.00
Intel Core i7-7800X @ 3.50GHz	14614	161	36.63	\$398.99
Intel Core i7-7820HK @ 2.90GHz	9958	334	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9251	398	24.47	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18490	81	30.82	\$599.99
Intel Core i7-7900X @ 3.30GHz	20406	55	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9995	331	NA	NA
Intel Core i7-8086K @ 4.00GHz	16714	103	30.23	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3957	1073	10.07	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8291	488	NA	NA
Intel Core i7-8559U @ 2.70GHz	12371	225	NA	NA
Intel Core i7-8565U @ 1.80GHz	8957	432	NA	NA
Intel Core i7-8650U @ 1.90GHz	8770	450	NA	NA
Intel Core i7-8665U @ 1.90GHz	9000	427	22.01	\$409.00*
Intel Core i7-8700 @ 3.20GHz	15159	147	50.53	\$299.99
Intel Core i7-8700B @ 3.20GHz	14633	159	48.30	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15963	128	45.61	\$349.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8700T @ 2.40GHz	12724	217	38.11	\$333.89*
Intel Core i7-8705G @ 3.10GHz	9895	340	7.02	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10494	294	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	354	NA	NA
Intel Core i7-8750H @ 2.20GHz	12455	224	31.53	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11020	265	NA	NA
Intel Core i7-8850H @ 2.60GHz	13044	208	33.02	\$395.00*
Intel Core i7-9700 @ 3.00GHz	16156	122	48.96	\$329.99
Intel Core i7-9700F @ 3.00GHz	15840	134	41.04	\$385.96*
Intel Core i7-9700K @ 3.60GHz	17202	96	47.74	\$360.33
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-9700KF @ 3.60GHz	17158	98	46.37	\$369.99
Intel Core i7-9700T @ 2.00GHz	14859	155	46.00	\$323.00*
Intel Core i7-9750H @ 2.60GHz	13746	189	NA	NA
Intel Core i7-9800X @ 3.80GHz	19706	65	32.84	\$599.99
Intel Core i7-9850H @ 2.60GHz	14493	164	36.69	\$395.00*
Intel Core i9-7900X @ 3.30GHz	21877	37	23.03	\$949.99
Intel Core i9-7920X @ 2.90GHz	23354	29	21.31	\$1,096.17
Intel Core i9-7940X @ 3.10GHz	25379	17	16.15	\$1,571.25
Intel Core i9-7960X @ 2.80GHz	25998	12	18.57	\$1,399.99
Intel Core i9-7980XE @ 2.60GHz	27830	8	15.44	\$1,801.99
Intel Core i9-8950HK @ 2.90GHz	14265	171	24.47	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21561	42	26.62	\$809.99
Intel Core i9-9880H @ 2.30GHz	16421	110	29.53	\$556.00*
Intel Core i9-9900 @ 3.10GHz	19595	70	44.54	\$439.99
Intel Core i9-9900K @ 3.60GHz	20215	57	41.68	\$484.99
Intel Core i9-9900KF @ 3.60GHz	20479	53	44.52	\$459.99
Intel Core i9-9900X @ 3.50GHz	23023	30	23.74	\$969.99
Intel Core i9-9920X @ 3.50GHz	25398	16	23.74	\$1,069.99
Intel Core i9-9940X @ 3.30GHz	27260	10	23.40	\$1,164.99
Intel Core i9-9960X @ 3.10GHz	27881	7	19.92	\$1,399.99
Intel Core i9-9980HK @ 2.40GHz	17467	92	29.96	\$583.00*
Intel Core i9-9980XE @ 3.00GHz	29788	3	14.89	\$1,999.99
Intel Core m3-6Y30 @ 0.90GHz	3051	1318	10.86	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3558	1167	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1229	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3562	1165	12.68	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3372	1217	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3255	1246	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3461	1192	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2702	1435	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1548	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2819	1397	10.03	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1389	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2483	1514	NA	NA
Intel Core M-5Y70 @ 1.10GHz	2995	1335	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2982	1338	10.62	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2618	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2610	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2528	NA	NA
Intel Core Solo U1300 @ 1.06GHz	273	2771	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2765	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2686	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel E3000 @ 3.40GHz	2767	1412	NA	NA
Intel Pentium 4 1.40GHz	164	2872	NA	NA
Intel Pentium 4 1.50GHz	131	2889	NA	NA
Intel Pentium 4 1.60GHz	129	2891	NA	NA
Intel Pentium 4 1.70GHz	132	2888	NA	NA
Intel Pentium 4 1.80GHz	161	2875	NA	NA
Intel Pentium 4 1.90GHz	159	2876	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.00GHz	189	2854	NA	NA
Intel Pentium 4 2.20GHz	209	2836	NA	NA
Intel Pentium 4 2.26GHz	221	2824	NA	NA
Intel Pentium 4 2.40GHz	228	2818	NA	NA
Intel Pentium 4 2.50GHz	245	2802	NA	NA
Intel Pentium 4 2.53GHz	248	2798	NA	NA
Intel Pentium 4 2.60GHz	288	2744	NA	NA
Intel Pentium 4 2.66GHz	254	2790	NA	NA
Intel Pentium 4 2.80GHz	322	2692	NA	NA
Intel Pentium 4 2.93GHz	299	2726	NA	NA
Intel Pentium 4 3.00GHz	353	2664	NA	NA
Intel Pentium 4 3.06GHz	347	2667	NA	NA
Intel Pentium 4 3.20GHz	373	2638	NA	NA
Intel Pentium 4 3.40GHz	395	2613	NA	NA
Intel Pentium 4 3.46GHz	454	2546	NA	NA
Intel Pentium 4 3.60GHz	487	2508	NA	NA
Intel Pentium 4 3.73GHz	486	2510	NA	NA
Intel Pentium 4 3.80GHz	485	2512	NA	NA
Intel Pentium 4 3.83GHz	195	2849	NA	NA
Intel Pentium 4 4.00GHz	184	2859	NA	NA
Intel Pentium 4 1300MHz	119	2895	NA	NA
Intel Pentium 4 1400MHz	127	2892	NA	NA
Intel Pentium 4 1500MHz	125	2893	NA	NA
Intel Pentium 4 1600MHz	193	2853	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2879	NA	NA
Intel Pentium 4 1800MHz	162	2874	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2882	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2848	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2865	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2837	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2868	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2835	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2844	NA	NA
Intel Pentium 5 2.66GHz	705	2387	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2173	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1157	2140	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2147	NA	NA
Intel Pentium 987 @ 1.50GHz	1230	2098	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	1999	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1423	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1324	NA	NA
Intel Pentium 2020M @ 2.40GHz	2273	1591	16.97	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2411	1536	18.00	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1655	1884	12.35	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1820	1797	13.59	\$134.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 2129Y @ 1.10GHz	1062	2191	7.93	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2277	1587	NA	NA
Intel Pentium 3556U @ 1.70GHz	1696	1857	NA	NA
Intel Pentium 3558U @ 1.70GHz	1679	1866	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 3560M @ 2.40GHz	2270	1595	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2077	NA	NA
Intel Pentium 3805U @ 1.90GHz	1981	1712	NA	NA
Intel Pentium 3825U @ 1.90GHz	2519	1498	NA	NA
Intel Pentium 4405U @ 2.10GHz	2931	1356	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1681	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2050	1685	12.73	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3156	1286	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2225	1616	13.83	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3284	1239	20.40	\$161.00*
Intel Pentium 5405U @ 2.30GHz	3194	1266	19.84	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1910	NA	NA
Intel Pentium B940 @ 2.00GHz	1727	1834	57.70	\$29.94*
Intel Pentium B950 @ 2.10GHz	1718	1839	NA	NA
Intel Pentium B960 @ 2.20GHz	1851	1778	37.80	\$48.99*
Intel Pentium B970 @ 2.30GHz	1950	1727	38.26	\$50.99*
Intel Pentium B980 @ 2.40GHz	2026	1692	28.97	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1105	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	529	2476	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2420	NA	NA
Intel Pentium D 915 @ 2.80GHz	583	2447	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2383	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2371	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2342	NA	NA
Intel Pentium E2140 @ 1.60GHz	870	2309	5.51	\$157.95*
Intel Pentium E2160 @ 1.80GHz	998	2230	8.50	\$117.50
Intel Pentium E2180 @ 2.00GHz	1087	2177	36.27	\$29.99
Intel Pentium E2200 @ 2.20GHz	1202	2113	16.03	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2126	NA	NA
Intel Pentium E2220 @ 2.40GHz	1329	2037	15.47	\$85.99
Intel Pentium E5200 @ 2.50GHz	1487	1963	41.38	\$35.94
Intel Pentium E5300 @ 2.60GHz	1538	1938	66.91	\$22.99
Intel Pentium E5400 @ 2.70GHz	1599	1914	80.01	\$19.99*
Intel Pentium E5500 @ 2.80GHz	1637	1893	82.09	\$19.95*
Intel Pentium E5700 @ 3.00GHz	1735	1832	115.81	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1892	1760	63.11	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1705	1851	165.57	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1764	1814	11.17	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1861	1776	18.62	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1934	1735	113.84	\$16.99*
Intel Pentium E6800 @ 3.33GHz	1988	1709	22.34	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2294	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2256	NA	NA
Intel Pentium G620 @ 2.60GHz	2293	1579	91.77	\$24.99*
Intel Pentium G620T @ 2.20GHz	2033	1690	25.42	\$79.99*
Intel Pentium G630 @ 2.70GHz	2371	1553	23.72	\$100.00
Intel Pentium G630T @ 2.30GHz	2089	1666	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2523	1496	16.82	\$150.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G640T @ 2.40GHz	1979	1713	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G645 @ 2.90GHz	2590	1469	16.19	\$160.00*
Intel Pentium G645T @ 2.50GHz	2255	1601	NA	NA
Intel Pentium G840 @ 2.80GHz	2561	1480	73.21	\$34.99*
Intel Pentium G850 @ 2.90GHz	2667	1445	22.46	\$118.77
Intel Pentium G860 @ 3.00GHz	2735	1427	91.20	\$29.99*
Intel Pentium G870 @ 3.10GHz	2816	1398	29.03	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2596	1465	74.42	\$34.89*
Intel Pentium G2020 @ 2.90GHz	2757	1419	45.99	\$59.95
Intel Pentium G2020T @ 2.50GHz	2418	1533	50.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2869	1382	71.75	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2487	1511	38.86	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1416	NA	NA
Intel Pentium G2120 @ 3.10GHz	3080	1307	19.31	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3198	1262	63.99	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3384	1213	41.28	\$82.00
Intel Pentium G3220 @ 3.00GHz	3127	1291	27.51	\$113.67
Intel Pentium G3220T @ 2.60GHz	2555	1482	36.52	\$69.99*
Intel Pentium G3240 @ 3.10GHz	3158	1285	30.42	\$103.83
Intel Pentium G3240T @ 2.70GHz	2840	1386	NA	NA
Intel Pentium G3250 @ 3.20GHz	3239	1252	29.45	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2971	1343	33.02	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3870	1087	20.56	\$188.28
Intel Pentium G3260 @ 3.30GHz	3359	1220	24.00	\$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1357	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1545	NA	NA
Intel Pentium G3420 @ 3.20GHz	3397	1207	27.84	\$122.00
Intel Pentium G3420T @ 2.70GHz	3008	1330	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1209	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3314	1230	20.72	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1299	NA	NA
Intel Pentium G3450 @ 3.40GHz	3701	1134	37.02	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1345	NA	NA
Intel Pentium G3460 @ 3.50GHz	3582	1160	12.43	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3714	1132	35.62	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3541	1170	32.20	\$109.98
Intel Pentium G4400T @ 2.90GHz	3179	1271	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1380	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3794	1107	40.98	\$92.60
Intel Pentium G4500T @ 3.00GHz	3471	1189	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1028	40.24	\$103.99*
Intel Pentium G4560 @ 3.50GHz	4864	894	53.67	\$90.63
Intel Pentium G4560T @ 2.90GHz	3990	1062	36.28	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5076	844	21.16	\$239.95
Intel Pentium G4600T @ 3.00GHz	4266	1011	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5210	822	45.84	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1859	1777	46.49	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1644	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2059	1682	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5201	825	73.40	\$70.86
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium Gold G5400T @ 3.10GHz	5048	853	78.89	\$64.00*
Intel Pentium Gold G5420 @ 3.80GHz	5518	776	86.22	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5195	826	47.23	\$109.99
Intel Pentium Gold G5500T @ 3.20GHz	4346	995	57.95	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5660	758	52.05	\$108.75*
Intel Pentium III 933S @ 933MHz	238	2811	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2749	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2764	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2709	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2729	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2725	NA	NA
Intel Pentium III Mobile 750MHz	103	2898	NA	NA
Intel Pentium III Mobile 800MHz	182	2862	NA	NA
Intel Pentium III Mobile 866MHz	152	2880	NA	NA
Intel Pentium III Mobile 933MHz	218	2826	7.55	\$28.99*
Intel Pentium III Mobile 1000MHz	245	2801	NA	NA
Intel Pentium III Mobile 1066MHz	246	2800	NA	NA
Intel Pentium III Mobile 1133MHz	251	2794	NA	NA
Intel Pentium III Mobile 1200MHz	240	2808	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1788	NA	NA
Intel Pentium J2900 @ 2.41GHz	1957	1721	NA	NA
Intel Pentium J3710 @ 1.60GHz	1912	1745	NA	NA
Intel Pentium J4205 @ 1.50GHz	2257	1600	NA	NA
Intel Pentium M 1.10GHz	282	2755	NA	NA
Intel Pentium M 1.20GHz	298	2727	NA	NA
Intel Pentium M 1.30GHz	301	2719	NA	NA
Intel Pentium M 1.40GHz	345	2671	NA	NA
Intel Pentium M 1.50GHz	366	2648	NA	NA
Intel Pentium M 1.60GHz	364	2651	NA	NA
Intel Pentium M 1.70GHz	406	2595	NA	NA
Intel Pentium M 1.73GHz	413	2585	NA	NA
Intel Pentium M 1.80GHz	411	2587	NA	NA
Intel Pentium M 1.86GHz	439	2563	NA	NA
Intel Pentium M 2.00GHz	461	2538	NA	NA
Intel Pentium M 2.10GHz	448	2551	NA	NA
Intel Pentium M 2.13GHz	502	2498	NA	NA
Intel Pentium M 2.26GHz	509	2494	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2517	NA	NA
Intel Pentium M 900MHz	217	2830	NA	NA
Intel Pentium M 1000MHz	233	2814	NA	NA
Intel Pentium M 1100MHz	259	2786	NA	NA
Intel Pentium M 1200MHz	237	2812	NA	NA
Intel Pentium M 1300MHz	303	2713	NA	NA
Intel Pentium M 1400MHz	320	2694	NA	NA
Intel Pentium M 1500MHz	354	2661	NA	NA
Intel Pentium M 1600MHz	335	2682	NA	NA
Intel Pentium M 1700MHz	376	2633	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1944	NA	NA
Intel Pentium N3520 @ 2.16GHz	1789	1807	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium N3530 @ 2.16GHz	1894	1759	NA	NA
Intel Pentium N3540 @ 2.16GHz	1924	1739	7.67	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1829	1793	4.11	\$444.78*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium N3710 @ 1.60GHz	1865	1773	NA	NA
Intel Pentium N4200 @ 1.10GHz	2031	1691	5.82	\$349.14
Intel Pentium P6000 @ 1.87GHz	1243	2092	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	2038	46.63	\$28.44
Intel Pentium P6200 @ 2.13GHz	1349	2025	30.03	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	2009	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2912	1364	13.24	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2439	1527	15.15	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2596	NA	NA
Intel Pentium SU4100 @ 1.30GHz	853	2319	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2324	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2407	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2389	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2384	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2373	NA	NA
Intel Pentium T2330 @ 1.60GHz	831	2330	NA	NA
Intel Pentium T2370 @ 1.73GHz	846	2323	24.19	\$35.00*
Intel Pentium T2390 @ 1.86GHz	946	2272	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2244	NA	NA
Intel Pentium T3200 @ 2.00GHz	1032	2207	86.03	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1113	2160	12.38	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1151	2144	95.96	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1232	2097	NA	NA
Intel Pentium T4400 @ 2.20GHz	1283	2066	NA	NA
Intel Pentium T4500 @ 2.30GHz	1334	2035	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2337	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2265	NA	NA
Intel T1200 @ 1.50GHz	435	2569	NA	NA
Intel T1400 @ 1.73GHz	929	2278	NA	NA
Intel T1500 @ 1.86GHz	953	2264	NA	NA
Intel T2050 @ 2.00GHz	959	2260	NA	NA
Intel Xeon 2.00GHz	233	2813	NA	NA
Intel XEON 2.20GHz	252	2792	NA	NA
Intel Xeon 2.40GHz	276	2767	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2568	NA	NA
Intel Xeon 2.80GHz	400	2608	NA	NA
Intel Xeon 3.00GHz	391	2621	NA	NA
Intel Xeon 3.06GHz	491	2504	NA	NA
Intel Xeon 3.20GHz	461	2539	NA	NA
Intel Xeon 3.40GHz	478	2521	NA	NA
Intel Xeon 3.60GHz	509	2493	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2202	NA	NA
Intel Xeon 3.80GHz	604	2436	0.71	\$851.00*
Intel Xeon 1500MHz	193	2852	NA	NA
Intel Xeon 3040 @ 1.86GHz	1278	2070	51.05	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2050	8.23	\$157.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3060 @ 2.40GHz	1518	1945	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1943	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1809	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1786	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1926	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2187	6.75	\$159.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 5120 @ 1.86GHz	1248	2090	0.77	\$1,619.99
Intel Xeon 5130 @ 2.00GHz	1366	2015	43.44	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1915	NA	NA
Intel Xeon 5140 @ 2.33GHz	1644	1887	35.00	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1920	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1752	1823	12.52	\$139.95*
Intel Xeon 5160 @ 3.00GHz	1963	1720	52.37	\$37.49*
Intel Xeon @ 2.00GHz	11327	254	NA	NA
Intel Xeon @ 2.20GHz	1902	1752	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5664	757	23.80	\$237.99
Intel Xeon Bronze 3106 @ 1.70GHz	6890	631	20.88	\$329.99
Intel Xeon D-1518 @ 2.20GHz	5322	810	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	746	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	618	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	493	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	358	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	546	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	287	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11064	262	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	282	19.24	\$555.00*
Intel Xeon D-1559 @ 1.50GHz	8055	513	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	166	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	177	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	502	38.22	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	212	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	185	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	19381	73	10.99	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6088	712	114.89	\$52.99
Intel Xeon E3-1220 V2 @ 3.10GHz	6713	651	91.98	\$72.99
Intel Xeon E3-1220 v3 @ 3.10GHz	7163	603	33.32	\$214.99
Intel Xeon E3-1220 v5 @ 3.00GHz	7787	544	29.23	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7790	543	39.15	\$199.00
Intel Xeon E3-1220L @ 2.20GHz	3563	1164	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	980	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1660	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5889	729	81.81	\$71.99
Intel Xeon E3-1225 V2 @ 3.20GHz	6937	624	81.63	\$84.99
Intel Xeon E3-1225 v3 @ 3.20GHz	7239	597	24.96	\$289.99
Intel Xeon E3-1225 v5 @ 3.30GHz	7833	536	29.23	\$268.04
Intel Xeon E3-1225 v6 @ 3.30GHz	8156	500	34.71	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7553	564	12.69	\$595.00*
Intel Xeon E3-1230 @ 3.20GHz	7829	537	57.58	\$135.99
Intel Xeon E3-1230 V2 @ 3.30GHz	8857	443	112.11	\$79.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1230 v3 @ 3.30GHz	9321	392	43.35	\$215.00
Intel Xeon E3-1230 v5 @ 3.40GHz	9725	361	34.74	\$279.99
Intel Xeon E3-1230 v6 @ 3.50GHz	9888	341	37.66	\$262.59
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	598	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9626	368	18.88	\$509.95
Intel Xeon E3-1235 @ 3.20GHz	7680	554	31.48	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	670	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7962	528	66.36	\$119.99
Intel Xeon E3-1240 V2 @ 3.40GHz	9138	408	56.42	\$161.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1240 v3 @ 3.40GHz	9662	366	25.14	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10374	300	30.36	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10458	297	36.30	\$288.10
Intel Xeon E3-1240L v3 @ 2.00GHz	7513	568	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	542	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10020	326	27.08	\$369.99
Intel Xeon E3-1245 @ 3.30GHz	7997	521	76.17	\$104.99
Intel Xeon E3-1245 V2 @ 3.40GHz	9118	410	51.52	\$176.99
Intel Xeon E3-1245 v3 @ 3.40GHz	9572	370	37.54	\$255.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10181	311	29.48	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10515	291	33.92	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9864	345	24.12	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6072	713	70.93	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	307	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	6038	717	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7456	574	24.45	\$305.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9216	401	12.98	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	417	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	535	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	457	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8238	491	26.16	\$315.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9469	381	49.84	\$189.99
Intel Xeon E3-1270 v3 @ 3.50GHz	9919	337	49.60	\$199.99
Intel Xeon E3-1270 v5 @ 3.60GHz	10292	304	20.96	\$490.99
Intel Xeon E3-1270 v6 @ 3.80GHz	11184	258	33.03	\$338.61
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	281	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10091	320	11.36	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8215	492	27.03	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9447	384	23.93	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	9915	338	24.73	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10366	302	24.97	\$415.13*
Intel Xeon E3-1275 v6 @ 3.80GHz	11014	267	29.81	\$369.46
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	438	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10204	309	9.51	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8465	474	23.01	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9447	383	11.00	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9769	356	14.01	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	283	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11463	250	25.66	\$446.68
Intel Xeon E3-1281 v3 @ 3.70GHz	10276	306	11.71	\$877.75*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	295	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	293	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	240	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	333	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	269	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	339	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	376	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	456	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	364	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	682	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8946	437	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9720	362	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1515M v5 @ 2.80GHz	10093	319	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9334	390	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10576	286	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10443	298	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10614	284	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	278	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	314	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	592	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	576	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5578	767	21.24	\$262.59*
Intel Xeon E5-1603 v3 @ 2.80GHz	6186	696	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	671	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5885	730	210.56	\$27.95*
Intel Xeon E5-1607 v2 @ 3.00GHz	6217	694	177.91	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	7028	614	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7256	595	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9031	422	138.95	\$65.00
Intel Xeon E5-1620 v2 @ 3.70GHz	9489	377	163.64	\$57.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9744	357	60.90	\$159.99*
Intel Xeon E5-1620 v4 @ 3.50GHz	9922	336	32.00	\$310.10
Intel Xeon E5-1630 v3 @ 3.70GHz	10214	308	17.09	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10296	303	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11718	245	23.67	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12729	216	106.13	\$119.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13623	194	68.46	\$198.99
Intel Xeon E5-1650 v4 @ 3.60GHz	14218	174	22.43	\$633.99
Intel Xeon E5-1660 @ 3.30GHz	12360	226	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13808	186	7.63	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14609	162	9.04	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16203	119	13.18	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16222	118	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16389	112	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	99	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	84	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1176	23.76	\$148.32
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1201	94.99	\$35.99*
Intel Xeon E5-2407 @ 2.20GHz	4188	1026	229.76	\$18.23
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2407 v2 @ 2.40GHz	4648	927	40.24	\$115.53
Intel Xeon E5-2418L @ 2.00GHz	5202	824	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	613	18.06	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8691	458	147.31	\$59.00
Intel Xeon E5-2430 @ 2.20GHz	6878	633	181.01	\$38.00*
Intel Xeon E5-2430 v2 @ 2.50GHz	8991	428	29.00	\$310.00
Intel Xeon E5-2430L @ 2.00GHz	7269	594	225.19	\$32.28*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	658	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	406	229.53	\$39.99
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	394	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	433	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10108	318	106.41	\$94.99*
Intel Xeon E5-2450L @ 1.80GHz	8261	489	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	10061	324	91.48	\$109.99
Intel Xeon E5-2470 v2 @ 2.40GHz	11268	256	66.67	\$169.03

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2603 @ 1.80GHz	3580	1161	143.58	\$24.94*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1115	94.18	\$39.99*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	831	60.94	\$85.00
Intel Xeon E5-2603 v4 @ 1.70GHz	5431	788	23.62	\$229.99
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	533	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4601	943	104.61	\$43.99
Intel Xeon E5-2609 v2 @ 2.50GHz	5146	833	143.00	\$35.99
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	728	14.79	\$399.00*
Intel Xeon E5-2609 v4 @ 1.70GHz	6905	630	21.58	\$319.99
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	234	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	163	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7902	530	494.80	\$15.97
Intel Xeon E5-2620 v2 @ 2.10GHz	8689	459	217.30	\$39.99
Intel Xeon E5-2620 v3 @ 2.40GHz	10013	328	76.30	\$131.24
Intel Xeon E5-2620 v4 @ 2.10GHz	11354	253	30.69	\$369.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	430	33.29	\$269.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8506	470	15.50	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	386	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	228	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	207	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	264	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8860	442	92.30	\$95.99
Intel Xeon E5-2630 v2 @ 2.60GHz	10391	299	256.84	\$40.46
Intel Xeon E5-2630 v3 @ 2.40GHz	12794	213	98.42	\$130.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13908	181	21.07	\$659.99
Intel Xeon E5-2630L @ 2.00GHz	7865	532	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	415	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	359	28.62	\$339.95*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	211	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9200	405	96.86	\$94.99
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	316	7.81	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	292	9.82	\$1,069.95
Intel Xeon E5-2640 @ 2.50GHz	9361	387	98.55	\$94.99
Intel Xeon E5-2640 v2 @ 2.00GHz	10143	313	206.67	\$49.08
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2640 v3 @ 2.60GHz	13885	183	47.67	\$291.29*
Intel Xeon E5-2640 v4 @ 2.40GHz	15380	143	15.58	\$986.99
Intel Xeon E5-2643 @ 3.30GHz	8401	479	47.21	\$177.95*
Intel Xeon E5-2643 v2 @ 3.50GHz	13107	206	119.16	\$110.00
Intel Xeon E5-2643 v3 @ 3.40GHz	13887	182	55.10	\$252.02
Intel Xeon E5-2643 v4 @ 3.40GHz	13655	190	9.78	\$1,396.04
Intel Xeon E5-2648L @ 1.80GHz	7426	578	NA	NA
Intel Xeon E5-2648L v2 @ 1.90GHz	11381	252	7.70	\$1,479.00*
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	251	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	191	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	158	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10110	317	224.69	\$45.00
Intel Xeon E5-2650 v2 @ 2.60GHz	13182	204	155.09	\$85.00
Intel Xeon E5-2650 v3 @ 2.30GHz	14844	156	48.04	\$309.00
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	132	13.22	\$1,199.99
Intel Xeon E5-2650L @ 1.80GHz	8332	486	105.47	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	343	131.74	\$75.00
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	199	11.37	\$1,188.14*

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	176	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	255	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	379	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	184	77.09	\$179.99
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	116	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	102	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11057	263	107.36	\$102.99
Intel Xeon E5-2660 v2 @ 2.20GHz	13186	203	73.64	\$179.05
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	120	21.05	\$768.99
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	101	11.25	\$1,499.99*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	179	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11525	248	126.67	\$90.99
Intel Xeon E5-2667 @ 2.90GHz	10372	301	195.74	\$52.99
Intel Xeon E5-2667 v2 @ 3.30GHz	16177	121	44.94	\$359.99
Intel Xeon E5-2667 v3 @ 3.20GHz	16134	123	18.86	\$855.30*
Intel Xeon E5-2667 v4 @ 3.20GHz	16684	104	8.56	\$1,949.03*
Intel Xeon E5-2670 @ 2.60GHz	12063	236	156.85	\$76.91
Intel Xeon E5-2670 v2 @ 2.50GHz	14988	151	71.71	\$209.00
Intel Xeon E5-2670 v3 @ 2.30GHz	16494	107	54.98	\$300.00
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	114	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16383	113	23.41	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	45	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15073	148	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	89	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17290	94	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	18	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12558	223	169.11	\$74.26
Intel Xeon E5-2680 v2 @ 2.80GHz	15887	131	67.61	\$235.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18588	80	35.01	\$530.89
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	60	13.18	\$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	54	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2683 v3 @ 2.00GHz	17369	93	34.06	\$509.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	77	8.62	\$2,208.93*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	150	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	74	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	62	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14347	169	30.62	\$468.62
Intel Xeon E5-2687W v2 @ 3.40GHz	16481	108	45.80	\$359.90
Intel Xeon E5-2687W v3 @ 3.10GHz	17772	88	30.12	\$589.99
Intel Xeon E5-2687W v4 @ 3.00GHz	19855	61	9.13	\$2,174.99
Intel Xeon E5-2689 @ 2.60GHz	13585	196	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	63	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13497	201	140.57	\$96.02
Intel Xeon E5-2690 v2 @ 3.00GHz	16466	109	35.80	\$460.00
Intel Xeon E5-2690 v3 @ 2.60GHz	19249	75	62.10	\$309.99
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	47	9.83	\$2,169.99
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	126	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15993	127	63.97	\$250.00
Intel Xeon E5-2695 v3 @ 2.30GHz	19690	67	19.50	\$1,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	56	7.70	\$2,629.42*
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	106	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	32	9.00	\$2,498.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	48	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17224	95	37.53	\$459.00
Intel Xeon E5-2697 v3 @ 2.60GHz	21402	46	43.41	\$493.06
Intel Xeon E5-2697 v4 @ 2.30GHz	21506	44	7.75	\$2,775.99
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	33	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	50	6.15	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	39	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	34	8.92	\$2,509.00*
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	28	3.94	\$5,954.79*
Intel Xeon E5-4603 @ 2.00GHz	5014	863	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	399	NA	NA
Intel Xeon E5-4617 @ 2.90GHz	9029	423	100.44	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	506	60.56	\$134.21*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	165	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	138	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	290	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	218	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	261	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11860	242	124.21	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	243	98.52	\$119.99
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	230	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	130	11.36	\$1,399.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	133	3.30	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	193	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1295	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2157	1640	93.86	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1530	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1609	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5205 @ 1.86GHz	1401	1997	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1531	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1597	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1582	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1501	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2907	1368	72.72	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2831	1390	57.79	\$49.00*
Intel Xeon E5410 @ 2.33GHz	3261	1243	15.61	\$208.95*
Intel Xeon E5420 @ 2.50GHz	3486	1186	13.41	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3760	1118	54.50	\$69.00*
Intel Xeon E5440 @ 2.83GHz	3962	1070	209.09	\$18.95*
Intel Xeon E5450 @ 3.00GHz	4185	1027	14.00	\$298.94*
Intel Xeon E5462 @ 2.80GHz	3871	1086	141.82	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4088	1044	136.11	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	2011	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1381	2007	4.81	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2688	1440	38.44	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2975	1341	47.22	\$63.01*
Intel Xeon E5507 @ 2.27GHz	3125	1292	6.84	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4435	976	109.95	\$40.34
Intel Xeon E5530 @ 2.40GHz	4564	950	18.55	\$246.00*
Intel Xeon E5540 @ 2.53GHz	4807	902	81.49	\$59.00*
Intel Xeon E5603 @ 1.60GHz	2366	1555	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1316	13.95	\$219.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5607 @ 2.27GHz	3380	1215	15.44	\$219.00*
Intel Xeon E5620 @ 2.40GHz	4802	907	81.42	\$58.99
Intel Xeon E5630 @ 2.53GHz	5081	843	145.17	\$35.00*
Intel Xeon E5640 @ 2.67GHz	5256	817	187.81	\$27.99
Intel Xeon E5645 @ 2.40GHz	6424	675	59.49	\$107.98*
Intel Xeon E5649 @ 2.53GHz	6936	625	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1534	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	538	40.54	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9489	378	43.13	\$219.99
Intel Xeon E-2124G @ 3.40GHz	9838	346	41.35	\$237.91
Intel Xeon E-2126G @ 3.30GHz	13995	178	46.65	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10909	273	39.28	\$277.70
Intel Xeon E-2136 @ 3.30GHz	15763	135	49.89	\$315.99
Intel Xeon E-2144G @ 3.60GHz	11466	249	35.61	\$321.99
Intel Xeon E-2146G @ 3.50GHz	15593	136	43.93	\$354.99
Intel Xeon E-2174G @ 3.80GHz	12262	232	33.35	\$367.65
Intel Xeon E-2176G @ 3.70GHz	15580	137	37.10	\$419.99
Intel Xeon E-2176M @ 2.70GHz	13654	192	30.34	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	16057	125	30.59	\$524.99
Intel Xeon E-2186M @ 2.90GHz	14626	160	23.48	\$623.00*
Intel Xeon E-2224 @ 3.40GHz	10525	289	53.16	\$198.00*
Intel Xeon E-2224G @ 3.50GHz	10008	329	45.91	\$218.00*
Intel Xeon E-2276M @ 2.80GHz	15277	145	33.95	\$450.00*
Intel Xeon E-2286M @ 2.40GHz	17576	91	28.21	\$623.00*
Intel Xeon Gold 5117 @ 2.00GHz	16672	105	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 5118 @ 2.30GHz	16389	111	12.33	\$1,329.03*
Intel Xeon Gold 5120 @ 2.20GHz	16308	115	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	85	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10894	274	8.58	\$1,269.99
Intel Xeon Gold 6126 @ 2.60GHz	19711	64	12.84	\$1,535.50
Intel Xeon Gold 6128 @ 3.40GHz	14941	153	8.49	\$1,759.75
Intel Xeon Gold 6130 @ 2.10GHz	19473	72	9.99	\$1,949.99*
Intel Xeon Gold 6132 @ 2.60GHz	23907	25	10.84	\$2,205.00*
Intel Xeon Gold 6134 @ 3.20GHz	18083	86	7.94	\$2,279.00
Intel Xeon Gold 6136 @ 3.00GHz	21061	49	8.06	\$2,613.59*
Intel Xeon Gold 6138 @ 2.00GHz	25774	13	9.62	\$2,679.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	24	9.82	\$2,439.99
Intel Xeon Gold 6144 @ 3.50GHz	19654	69	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	19	6.40	\$3,926.49
Intel Xeon Gold 6148 @ 2.40GHz	25440	15	7.82	\$3,253.99
Intel Xeon Gold 6152 @ 2.10GHz	23498	27	6.18	\$3,799.99
Intel Xeon Gold 6154 @ 3.00GHz	27722	9	7.92	\$3,500.19*
Intel Xeon Gold 6230 @ 2.10GHz	24600	21	12.50	\$1,967.61
Intel Xeon L3110 @ 3.00GHz	2273	1592	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1117	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2033	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	1095	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1796	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1593	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1588	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1643	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1420	146.68	\$18.79*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5408 @ 2.13GHz	3014	1326	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1218	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3503	1183	127.39	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3723	1128	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1131	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	986	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	993	225.95	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4369	989	285.56	\$15.30*
Intel Xeon L5638 @ 2.00GHz	5556	769	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	635	NA	NA
Intel Xeon L5640 @ 2.27GHz	6278	689	209.50	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1096	NA	NA
Intel Xeon MV 3.20GHz	683	2399	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26835	11	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	623	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	4	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	5	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	6	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	30583	2	3.51	\$8,725.00*
Intel Xeon Silver 4108 @ 1.80GHz	10838	277	24.09	\$449.99
Intel Xeon Silver 4109T @ 2.00GHz	10946	270	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11685	246	28.50	\$409.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Silver 4112 @ 2.60GHz	8611	464	16.75	\$513.99
Intel Xeon Silver 4114 @ 2.20GHz	14282	170	21.14	\$675.75
Intel Xeon Silver 4116 @ 2.10GHz	15397	142	14.66	\$1,049.99
Intel Xeon Silver 4123 @ 3.00GHz	15185	146	NA	NA
Intel Xeon Silver 4208 @ 2.10GHz	13116	205	28.48	\$460.54
Intel Xeon Silver 4215 @ 2.50GHz	15440	139	20.61	\$749.00*
Intel Xeon W3503 @ 2.40GHz	1756	1819	175.85	\$9.99
Intel Xeon W3505 @ 2.53GHz	1844	1782	74.18	\$24.86*
Intel Xeon W3520 @ 2.67GHz	5057	850	105.36	\$48.00*
Intel Xeon W3530 @ 2.80GHz	5346	805	18.19	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	781	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5694	752	189.88	\$29.99*
Intel Xeon W3565 @ 3.20GHz	5939	724	84.91	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6062	715	12.63	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6366	683	29.68	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8121	507	16.24	\$499.99*
Intel Xeon W3680 @ 3.33GHz	9021	424	11.87	\$759.95*
Intel Xeon W3690 @ 3.47GHz	9126	409	86.92	\$105.00
Intel Xeon W5580 @ 3.20GHz	5836	737	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	697	2.46	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	6954	621	29.59	\$235.05*
Intel Xeon W-2104 @ 3.20GHz	7439	575	29.17	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10702	280	30.44	\$351.56
Intel Xeon W-2125 @ 4.00GHz	12357	227	26.11	\$473.28
Intel Xeon W-2133 @ 3.60GHz	14242	172	23.08	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16275	117	18.12	\$898.44
Intel Xeon W-2140B @ 3.20GHz	18610	79	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19691	66	16.51	\$1,192.99
Intel Xeon W-2150B @ 3.00GHz	21543	43	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21832	40	14.27	\$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	24454	22	12.56	\$1,947.00*
Intel Xeon W-2195 @ 2.30GHz	24081	23	9.56	\$2,520.27
Intel Xeon X3210 @ 2.13GHz	2739	1424	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1303	51.35	\$60.15*
Intel Xeon X3230 @ 2.66GHz	3398	1206	9.44	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3306	1234	14.41	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3174	1272	163.95	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3343	1225	15.92	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1102	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1091	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3942	1077	24.96	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3985	1063	116.91	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	1008	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	924	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3342	1226	44.16	\$75.68*
Intel Xeon X3440 @ 2.53GHz	4521	962	31.85	\$141.96*
Intel Xeon X3450 @ 2.67GHz	4747	916	59.38	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5014	862	14.05	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5100	837	33.50	\$152.27
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3480 @ 3.07GHz	5657	759	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1519	45.47	\$54.00*
Intel Xeon X5270 @ 3.50GHz	2553	1484	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1544	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3170	1275	10.23	\$309.95*
Intel Xeon X5365 @ 3.00GHz	3524	1175	35.42	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4108	1042	68.52	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4326	999	94.06	\$45.99*
Intel Xeon X5470 @ 3.33GHz	4588	947	24.28	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4014	1055	17.84	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4529	961	45.30	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	890	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5353	803	17.56	\$304.85*
Intel Xeon X5560 @ 2.80GHz	5399	795	158.85	\$33.99
Intel Xeon X5570 @ 2.93GHz	5679	754	283.97	\$20.00*
Intel Xeon X5647 @ 2.93GHz	5920	726	297.04	\$19.93*
Intel Xeon X5650 @ 2.67GHz	7364	586	105.22	\$69.99
Intel Xeon X5660 @ 2.80GHz	7569	563	312.28	\$24.24*
Intel Xeon X5667 @ 3.07GHz	6291	687	269.66	\$23.33*
Intel Xeon X5670 @ 2.93GHz	7856	534	250.14	\$31.41
Intel Xeon X5672 @ 3.20GHz	6397	678	142.21	\$44.99*
Intel Xeon X5675 @ 3.07GHz	8139	504	104.37	\$77.99
Intel Xeon X5677 @ 3.47GHz	6951	622	182.55	\$38.08*
Intel Xeon X5679 @ 3.20GHz	8845	444	NA	NA
Intel Xeon X5680 @ 3.33GHz	8395	480	111.94	\$75.00
Intel Xeon X5687 @ 3.60GHz	7076	610	64.92	\$109.00
Intel Xeon X5690 @ 3.47GHz	8872	441	68.25	\$129.99
Intel Xeon X5698 @ 4.40GHz	4272	1010	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1340	NA	NA
Mobile AMD Athlon 4	314	2703	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2658	NA	NA
Mobile AMD Athlon 64 2700+	398	2609	NA	NA
Mobile AMD Athlon 64 2800+	440	2560	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon 64 3000+	450	2548	NA	NA
Mobile AMD Athlon 64 3200+	448	2552	NA	NA
Mobile AMD Athlon 64 3400+	511	2491	NA	NA
Mobile AMD Athlon 64 3700+	435	2570	NA	NA
Mobile AMD Athlon 64 4000+	576	2452	NA	NA
Mobile AMD Athlon 1400+	266	2778	NA	NA
Mobile AMD Athlon 2500+	370	2642	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2779	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2631	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2733	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2502	NA	NA
Mobile AMD Athlon XP	572	2456	45.81	\$12.49
Mobile AMD Athlon XP-M	512	2490	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2860	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2782	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2784	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 1700+	323	2690	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2728	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2675	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2721	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2652	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2670	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2668	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2641	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2650	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2649	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2561	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2509	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2495	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2740	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2732	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2681	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2639	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2524	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2497	NA	NA
Mobile AMD Sempron 2100+	252	2793	NA	NA
Mobile AMD Sempron 2600+	394	2616	NA	NA
Mobile AMD Sempron 2800+	361	2655	NA	NA
Mobile AMD Sempron 3000+	389	2625	NA	NA
Mobile AMD Sempron 3100+	416	2583	NA	NA
Mobile AMD Sempron 3200+	354	2662	NA	NA
Mobile AMD Sempron 3300+	446	2554	NA	NA
Mobile AMD Sempron 3400+	441	2559	NA	NA
Mobile AMD Sempron 3500+	408	2592	NA	NA
Mobile AMD Sempron 3600+	427	2578	NA	NA
Mobile AMD Sempron 3800+	485	2513	NA	NA
Mobile Intel Celeron 1.20GHz	170	2871	NA	NA
Mobile Intel Celeron 1.50GHz	188	2855	NA	NA
Mobile Intel Celeron 1.60GHz	188	2856	NA	NA
Mobile Intel Celeron 1.70GHz	181	2864	NA	NA
Mobile Intel Celeron 1.80GHz	186	2858	NA	NA
Mobile Intel Celeron 2.00GHz	204	2840	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Celeron 2.20GHz	226	2820	NA	NA
Mobile Intel Celeron 2.40GHz	239	2809	NA	NA
Mobile Intel Celeron 2.50GHz	281	2758	NA	NA
Mobile Intel Celeron 1200MHz	294	2734	NA	NA
Mobile Intel Celeron 1333MHz	280	2761	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2766	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2781	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2763	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2701	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2678	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2659	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2562	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2522	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 1.60GHz	195	2850	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2870	1.05	\$164.99
Mobile Intel Pentium 4 - M 1.80GHz	175	2867	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2815	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2845	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2847	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2831	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2788	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2705	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2834	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2846	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2797	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2738	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2821	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2739	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1506	NA	NA
Quad-Core AMD Opteron 1385	3442	1198	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3446	1197	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1360	NA	NA
VIA C3 Ezra	100	2899	NA	NA
VIA C7 1500MHz	284	2750	NA	NA
VIA C7-D 1500MHz	287	2746	NA	NA
VIA C7-D 1800MHz	203	2842	NA	NA
VIA C7-D 2000MHz	368	2645	NA	NA
VIA C7-M 1000MHz	164	2873	NA	NA
VIA C7-M 1200MHz	140	2886	NA	NA
VIA C7-M 1600MHz	178	2866	NA	NA
VIA C7-M 6300MHz	222	2823	NA	NA
VIA Eden 800MHz	155	2877	NA	NA
VIA Eden 1000MHz	123	2894	NA	NA
VIA Eden 1200MHz	142	2885	NA	NA
VIA Eden C1050@1.06GHz	352	2665	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2520	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	2148	NA	NA
VIA Esther 1000MHz	146	2884	NA	NA
VIA Esther 1300MHz	250	2795	NA	NA
VIA Esther 1500MHz	219	2825	NA	NA
VIA Esther 2000MHz	394	2615	NA	NA
VIA Nano L1900@1400MHz	457	2542	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano L2007@1600MHz	369	2643	NA	NA
VIA Nano L2100@1800MHz	428	2576	NA	NA
VIA Nano L2207@1600MHz	296	2730	NA	NA
VIA Nano L3025@1600MHz	517	2487	NA	NA
VIA Nano L3050@1800MHz	581	2449	NA	NA
VIA Nano L3600@2000MHz	645	2416	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2632	NA	NA
VIA Nano U2250@1300+MHz	274	2770	NA	NA
VIA Nano U2500@1200MHz	306	2712	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2499	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano U3300@1200MHz	409	2590	NA	NA
VIA Nano U3500@1000MHz	275	2768	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2434	NA	NA
VIA Nehemiah	155	2878	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1755	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	2017	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2127	NA	NA
VIA Samuel 2	79	2901	NA	NA
ZHAOXIN KaiXian KX-U6780A@2.7GHz	5760	745	NA	NA

* - Last price seen from our affiliates.

Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	303	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	134	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	407	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	413	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	458	NA	NA
[Dual CPU] AMD EPYC 7281	13293	184	9.31	\$1,427.98
[Dual CPU] AMD EPYC 7371	19370	118	NA	NA
[Dual CPU] AMD EPYC 7401	23518	70	6.06	\$3,880.84
[Dual CPU] AMD EPYC 7451	28957	38	5.77	\$5,022.16
[Dual CPU] AMD EPYC 7501	29003	37	4.07	\$7,119.12
[Dual CPU] AMD EPYC 7551	31452	26	4.42	\$7,119.12
[Dual CPU] AMD EPYC 7601	33545	18	3.64	\$9,219.98
[Dual CPU] AMD Opteron 246	1130	447	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	448	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	444	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	445	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	453	NA	NA
[Dual CPU] AMD Opteron 256	1853	441	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	439	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	435	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	438	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	430	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2769	420	NA	NA
[Dual CPU] AMD Opteron 290	2716	422	10.06	\$270.00*
[Dual CPU] AMD Opteron 885	2851	416	NA	NA
[Dual CPU] AMD Opteron 2212	2203	436	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	431	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	428	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2216	2485	427	48.16	\$51.60
[Dual CPU] AMD Opteron 2216 HE	2593	424	NA	NA
[Dual CPU] AMD Opteron 2218	2719	421	17.00	\$159.90
[Dual CPU] AMD Opteron 2218 HE	2514	425	NA	NA
[Dual CPU] AMD Opteron 2220	2854	415	17.85	\$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	414	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	411	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	405	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	395	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	402	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	396	25.50	\$159.90
[Dual CPU] AMD Opteron 2354	4554	383	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	386	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	365	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	393	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	379	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	366	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	364	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	350	63.93	\$90.00
[Dual CPU] AMD Opteron 2384	5714	352	3.40	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	338	NA	NA
[Dual CPU] AMD Opteron 2389	5677	353	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	368	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	339	NA	NA
[Dual CPU] AMD Opteron 2427	5907	348	29.83	\$198.00
[Dual CPU] AMD Opteron 2431	6438	332	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7068	318	18.70	\$378.00
[Dual CPU] AMD Opteron 2439 SE	8071	288	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	397	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	355	24.58	\$229.90
[Dual CPU] AMD Opteron 4170 HE	6344	335	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	333	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7813	296	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	287	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	291	NA	NA
[Dual CPU] AMD Opteron 4234	9361	256	20.35	\$459.98*
[Dual CPU] AMD Opteron 4274 HE	4214	390	52.69	\$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	249	NA	NA
[Dual CPU] AMD Opteron 4280	4525	384	45.25	\$100.00
[Dual CPU] AMD Opteron 4284	9151	257	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9456	255	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	228	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	236	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	214	40.57	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	325	169.13	\$39.98
[Dual CPU] AMD Opteron 6128 HE	5582	358	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	271	NA	NA
[Dual CPU] AMD Opteron 6134	7586	305	86.22	\$87.98
[Dual CPU] AMD Opteron 6136	7255	312	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	371	NA	NA
[Dual CPU] AMD Opteron 6168	7741	300	6.67	\$1,159.90
[Dual CPU] AMD Opteron 6172	7621	304	19.24	\$396.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6174	8056	289	50.38	\$159.90
[Dual CPU] AMD Opteron 6176 SE	8448	277	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	408	10.05	\$309.98*
[Dual CPU] AMD Opteron 6204	7134	314	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	267	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	223	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	239	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	230	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	10008	244	62.59	\$159.90
[Dual CPU] AMD Opteron 6274	10536	226	114.55	\$91.98
[Dual CPU] AMD Opteron 6275	10900	222	NA	NA
[Dual CPU] AMD Opteron 6276	10194	238	30.16	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	203	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	279	13.47	\$619.96*
[Dual CPU] AMD Opteron 6320	10716	224	20.69	\$518.02
[Dual CPU] AMD Opteron 6328	11842	206	16.49	\$718.00
[Dual CPU] AMD Opteron 6344	11203	217	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	211	28.53	\$399.98*
[Dual CPU] AMD Opteron 6376	10405	229	80.04	\$130.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6378	9145	258	11.46	\$798.00
[Dual CPU] AMD Opteron 6380	14200	170	120.34	\$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	198	40.65	\$299.98*
[Dual CPU] AMD Opteron 8218	2831	417	61.54	\$46.00
[Dual CPU] AMD Opteron 8220	2510	426	15.70	\$159.90
[Dual CPU] AMD Opteron 8222 SE	2793	419	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	406	67.15	\$48.00
[Dual CPU] AMD Opteron 8380	5643	356	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	367	NA	NA
[Dual CPU] AMD Opteron 8389	6517	329	41.25	\$158.00
[Dual CPU] AMD Opteron 8431	5813	349	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	326	46.80	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	302	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	446	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	433	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	401	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	293	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	467	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	465	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	462	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	541	461	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	468	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	469	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	466	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	464	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	459	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	455	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	454	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	457	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	452	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	451	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	450	0.55	\$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 3.73GHz	1859	440	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	449	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	437	6.68	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	432	0.71	\$3,239.98
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	423	41.62	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	409	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2978	412	31.69	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	410	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3411	403	12.19	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3827	399	51.04	\$74.98*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8929	266	18.76	\$475.98
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11012	220	16.69	\$659.98
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	340	20.91	\$296.64
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	337	87.58	\$71.98*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	311	200.30	\$36.46
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	261	39.03	\$231.06
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11387	213	14.60	\$780.04*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	205	100.93	\$118.00
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	281	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	176	179.43	\$76.00*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	173	22.20	\$620.00
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	212	176.43	\$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	193	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	188	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15063	161	79.29	\$189.98*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	144	20.24	\$818.00*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	208	45.06	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	143	75.52	\$219.98
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	127	54.94	\$338.06
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	336	127.11	\$49.88*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	328	81.52	\$79.98*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	278	49.23	\$170.00
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8910	268	19.37	\$459.98
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8162	285	92.77	\$87.98
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8987	262	124.85	\$71.98
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	243	12.57	\$798.00*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	221	17.18	\$639.98
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12332	194	386.10	\$31.94
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13202	186	165.07	\$79.98
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15199	159	57.91	\$262.48
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16442	146	22.22	\$739.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14313	169	26.51	\$539.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	190	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	165	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13584	182	70.76	\$191.98
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15933	152	196.90	\$80.92
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18464	128	71.02	\$260.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18742	125	14.20	\$1,319.98
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	218	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	175	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	160	22.33	\$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	309	4.19	\$1,770.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15888	155	83.63	\$189.98
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16408	147	6.33	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16703	142	7.81	\$2,139.90
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14657	164	77.15	\$189.98
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14505	166	147.77	\$98.16
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19892	113	34.14	\$582.58*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20753	104	10.51	\$1,973.98
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13635	177	38.31	\$355.90*
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20746	105	94.30	\$220.00
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21023	99	41.71	\$504.04
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	91	7.71	\$2,792.08
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	196	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	172	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	131	5.79	\$3,121.72*
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 @ 2.00GHz	14948	162	166.09	\$90.00
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18979	123	111.64	\$170.00
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20313	109	32.87	\$618.00
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20576	108	8.57	\$2,399.98
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	167	91.04	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14152	171	94.35	\$150.00
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	100	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13634	178	4.66	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	124	52.29	\$359.98
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	117	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	133	4.85	\$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16327	148	79.26	\$205.98
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17861	132	49.88	\$358.10
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22577	83	14.68	\$1,537.98
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23225	77	7.74	\$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	78	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17131	138	94.14	\$181.98
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	63	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16900	140	159.46	\$105.98
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22568	84	31.35	\$719.98
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22740	80	13.29	\$1,710.60*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22694	81	5.82	\$3,898.06*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18154	130	118.02	\$153.82
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20594	107	49.27	\$418.00
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	87	37.29	\$600.00
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	73	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	76	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	55	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	112	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21063	98	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	32	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18186	129	122.45	\$148.52
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21500	92	45.74	\$470.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24455	67	23.03	\$1,061.78
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22584	82	7.48	\$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	139	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21104	97	20.69	\$1,019.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	62	5.66	\$4,417.86*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	89	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	52	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	40	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20886	101	22.28	\$937.24
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23315	75	32.39	\$719.80
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24222	68	20.53	\$1,179.98
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	53	6.13	\$4,349.98
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19596	114	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	57	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19309	119	100.55	\$192.04
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23477	72	25.52	\$920.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25460	59	41.07	\$619.98
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27291	50	6.29	\$4,339.98
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20858	103	41.72	\$500.00
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	64	12.30	\$2,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	66	4.69	\$5,258.84*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23483	71	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	29	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31774	24	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23336	74	25.42	\$918.00
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27639	46	28.03	\$986.12
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30182	30	5.44	\$5,551.98
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	44	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29093	36	4.25	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	28	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	21	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	69	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26863	51	5.35	\$5,018.00*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	17	2.86	\$11,909.58*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	106	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	116	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	154	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	121	35.31	\$544.08
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	115	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18712	126	97.98	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	163	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	225	44.50	\$239.98
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	85	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	48	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	199	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	157	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	86	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	202	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	16047	149	42.45	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	242	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	434	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	398	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3532	400	36.04	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4166	392	53.75	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	374	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	382	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5121	370	64.03	\$79.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5144	369	52.49	\$98.00*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6010	345	14.38	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6349	334	12.21	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6845	324	49.60	\$138.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7127	315	188.05	\$37.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7506	306	12.55	\$597.88*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7092	317	129.89	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7796	297	129.76	\$60.08*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	429	12.93	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	418	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4878	378	34.87	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4990	373	39.60	\$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	361	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7418	308	91.94	\$80.68
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	301	15.66	\$492.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	294	66.51	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	394	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	359	12.57	\$438.00
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5947	347	13.58	\$438.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8051	290	68.24	\$117.98
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8280	282	118.29	\$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8638	272	154.31	\$55.98
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10321	233	47.79	\$215.96*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10327	232	44.90	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	360	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	363	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	90	8.41	\$2,618.10*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21437	93	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	95	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22282	88	8.38	\$2,658.06*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	61	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17463	135	6.88	\$2,539.98
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	49	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	122	7.83	\$2,442.00*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28298	43	9.21	\$3,071.00
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22774	79	6.47	\$3,519.50
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26585	54	6.82	\$3,899.98*
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	47	6.24	\$4,410.00*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25308	60	5.55	\$4,558.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29784	33	5.70	\$5,227.18*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	45	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34192	16	6.38	\$5,359.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	20	6.68	\$4,879.98
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	39	4.72	\$6,116.66
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	30025	31	NA	NA
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28594	41	4.89	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29655	34	3.78	\$7,852.98
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36813	10	5.66	\$6,507.98
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32006	22	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33530	19	4.41	\$7,599.98
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	8	5.31	\$7,000.38*
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31663	25	5.41	\$5,850.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41095	4	5.10	\$8,059.94
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	385	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	389	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	376	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	357	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	342	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	331	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	344	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	375	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	322	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	321	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	292	206.10	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7000	320	228.76	\$30.60*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	263	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	251	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9658	250	161.13	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	460	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	463	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	456	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	442	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	12	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	36925	9	2.40	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	35	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	6	3.33	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36410	11	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	13	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	7	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	3	3.26	\$12,604.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	151	17.75	\$899.98
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16472	145	20.09	\$819.98
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	181	13.24	\$1,027.98
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19291	120	14.27	\$1,351.50
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21205	96	10.10	\$2,099.98
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	111	19.96	\$1,002.00*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10079	240	47.08	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	231	2.06	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	235	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	380	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	381	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	377	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5746	351	9.27	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6203	341	31.17	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7437	307	62.02	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7827	295	85.09	\$91.98*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	286	21.52	\$378.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7776	298	17.28	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8181	284	40.91	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8682	270	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8934	265	14.65	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	259	133.63	\$67.98
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9505	254	237.63	\$40.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	246	246.96	\$39.86*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11286	215	80.63	\$139.98
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11598	209	239.23	\$48.48*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10279	234	220.30	\$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12231	197	194.70	\$62.82
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	241	111.97	\$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12461	191	79.89	\$155.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11278	216	148.08	\$76.16*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	180	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13548	183	90.32	\$150.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11940	204	54.77	\$218.00
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13754	174	52.90	\$259.98
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	276	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	327	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	269	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	245	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11794	207	268.05	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	391	46.34	\$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	372	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	388	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	387	27.37	\$159.90
[Dual CPU] Quad-Core AMD Opteron 8378	5382	362	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	323	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	354	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	346	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	280	NA	NA
[Quad CPU] AMD Opteron 6136	9767	247	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	274	26.87	\$319.80
[Quad CPU] AMD Opteron 6272	12292	195	38.44	\$319.80
[Quad CPU] AMD Opteron 6274	10488	227	57.01	\$183.96
[Quad CPU] AMD Opteron 6276	15342	158	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	200	9.75	\$1,236.00
[Quad CPU] AMD Opteron 6282 SE	11044	219	21.24	\$519.96*
[Quad CPU] AMD Opteron 6376	13257	185	50.99	\$260.00
[Quad CPU] AMD Opteron 6378	20859	102	13.07	\$1,596.00
[Quad CPU] AMD Opteron 6380	12442	192	52.72	\$236.00
[Quad CPU] AMD Opteron 8360 SE	6490	330	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	343	NA	NA
[Quad CPU] AMD Opteron 8382	8553	275	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	310	NA	NA
[Quad CPU] AMD Opteron 8431	8252	283	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	316	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	264	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	443	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	404	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	141	46.92	\$359.60*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	153	29.66	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	179	42.59	\$319.96*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	65	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	94	55.95	\$381.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	56	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	27	2.14	\$14,436.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	110	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	150	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	15	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	42	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	23	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	137	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17287	136	131.00	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14316	168	18.94	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	189	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	156	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	319	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	299	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	237	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	252	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	260	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	58	5.15	\$5,079.96
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	14	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	5	2.68	\$15,199.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	248	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	2	1.10	\$40,060.00*
[Quad CPU] Intel Xeon Platinum 8180M @ 2.50GHz	48904	1	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	253	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	201	4.24	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	273	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	210	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	13145	187	149.38	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	313	22.42	\$319.80

* - Last price seen from our affiliates.

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