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# CPU Benchmarks

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## CPU List

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



## 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	2658	NA	NA
AMD A4 Micro-6400T APU	1544	1852	NA	NA
AMD A4 PRO-3340B	2402	1461	NA	NA
AMD A4 PRO-7300B APU	2372	1473	NA	NA
AMD A4 PRO-7350B	2794	1325	NA	NA
AMD A4-1200 APU	635	2339	NA	NA
AMD A4-1250 APU	618	2346	NA	NA
AMD A4-3300 APU	1504	1873	115.83	\$12.99
AMD A4-3300M APU	1185	2037	39.52	\$29.99*
AMD A4-3305M APU	1220	2018	39.61	\$30.81
AMD A4-3310MX APU	1281	1985	NA	NA
AMD A4-3320M APU	1253	2000	36.99	\$33.90
AMD A4-3330MX APU	1212	2023	NA	NA
AMD A4-3400 APU	1593	1836	154.86	\$10.29
AMD A4-3420 APU	1672	1788	NA	NA
AMD A4-4000 APU	1827	1710	60.94	\$29.99
AMD A4-4020 APU	1924	1658	22.38	\$86.00
AMD A4-4300M APU	1604	1827	40.26	\$39.86
AMD A4-4355M APU	1175	2043	NA	NA
AMD A4-5000 APU	1911	1665	NA	NA
AMD A4-5050 APU	2113	1576	NA	NA
AMD A4-5100 APU	2037	1608	NA	NA
AMD A4-5150M APU	1844	1701	NA	NA
AMD A4-5300 APU	2012	1620	12.04	\$167.12

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5300B APU	2136	1562	56.21	\$38.00*
AMD A4-6210 APU	2161	1557	NA	NA
AMD A4-6250J APU	2556	1406	NA	NA
AMD A4-6300 APU	2215	1535	65.18	\$33.99
AMD A4-6300B APU	2129	1569	21.30	\$100.00*
AMD A4-6320 APU	2329	1485	33.29	\$69.99
AMD A4-7210 APU	2514	1421	NA	NA
AMD A4-7300 APU	2295	1499	24.17	\$94.99
AMD A4-9120	1961	1642	NA	NA
AMD A4-9125	2075	1596	NA	NA
AMD A6 Micro-6500T APU	1834	1708	NA	NA
AMD A6 PRO-7050B APU	1616	1821	NA	NA
AMD A6 PRO-7400B	2654	1370	NA	NA
AMD A6-1450 APU	1529	1857	NA	NA
AMD A6-3400M APU	1884	1683	62.88	\$29.97*
AMD A6-3410MX APU	2053	1603	514.77	\$3.99
AMD A6-3420M APU	2001	1623	NA	NA
AMD A6-3430MX APU	2199	1544	NA	NA
AMD A6-3500 APU	2012	1621	50.32	\$39.99
AMD A6-3600 APU	2703	1356	117.61	\$22.99*
AMD A6-3620 APU	2799	1324	46.67	\$59.99*
AMD A6-3650 APU	3153	1207	98.58	\$31.99
AMD A6-3670 APU	3171	1196	63.43	\$49.99
AMD A6-4400M APU	1636	1810	41.06	\$39.86*
AMD A6-4455M APU	1284	1982	NA	NA
AMD A6-5200 APU	2428	1449	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	1885	NA	NA
AMD A6-5350M APU	1912	1664	44.36	\$43.12
AMD A6-5357M APU	1941	1650	NA	NA
AMD A6-5400B APU	2219	1534	21.13	\$105.04*
AMD A6-5400K APU	2151	1560	16.55	\$129.95
AMD A6-6310 APU	2452	1444	NA	NA
AMD A6-6400B APU	2281	1510	NA	NA
AMD A6-6400K APU	2303	1495	32.92	\$69.99
AMD A6-6420B APU	2612	1383	NA	NA
AMD A6-6420K APU	2361	1480	15.75	\$149.99*
AMD A6-7000	1671	1790	NA	NA
AMD A6-7310 APU	2665	1368	NA	NA
AMD A6-7400K APU	2780	1331	69.59	\$39.95
AMD A6-7470K	2727	1351	11.22	\$243.00
AMD A6-8500P	2202	1543	NA	NA
AMD A6-8550	3104	1220	NA	NA
AMD A6-9200	1718	1756	NA	NA
AMD A6-9210	1791	1723	NA	NA
AMD A6-9220	2177	1551	NA	NA
AMD A6-9220e	1608	1824	NA	NA
AMD A6-9225	2100	1584	NA	NA
AMD A6-9230	2102	1582	NA	NA
AMD A6-9500	3011	1248	53.40	\$56.40

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-9500E	2889	1299	48.19	\$59.95
AMD A8 PRO-7150B APU	2669	1366	NA	NA
AMD A8 PRO-7600B APU	4776	839	NA	NA
AMD A8-3500M APU	1972	1636	28.19	\$69.95
AMD A8-3510MX APU	2370	1474	NA	NA
AMD A8-3520M APU	2172	1552	NA	NA
AMD A8-3530MX APU	2369	1476	NA	NA
AMD A8-3550MX APU	2610	1384	NA	NA
AMD A8-3800 APU	3024	1244	53.07	\$56.99
AMD A8-3820 APU	3105	1219	24.85	\$124.99*
AMD A8-3850 APU	3466	1117	32.80	\$105.68*
AMD A8-3870K APU	3542	1097	70.86	\$49.99
AMD A8-4500M APU	2667	1367	NA	NA
AMD A8-4555M APU	2117	1574	NA	NA
AMD A8-5500 APU	3991	986	70.65	\$56.50
AMD A8-5500B APU	3984	988	NA	NA
AMD A8-5545M APU	2585	1393	NA	NA
AMD A8-5550M APU	3006	1252	NA	NA
AMD A8-5557M APU	2963	1267	NA	NA
AMD A8-5600K APU	4344	922	18.95	\$229.30
AMD A8-6410 APU	2570	1400	NA	NA
AMD A8-6500 APU	4388	913	46.20	\$94.99
AMD A8-6500B APU	4612	868	NA	NA
AMD A8-6500T APU	3221	1180	NA	NA
AMD A8-6600K APU	4586	874	47.29	\$96.99
AMD A8-7050	1986	1630	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7100 APU	2805	1323	NA	NA
AMD A8-7200P	3319	1153	NA	NA
AMD A8-7410 APU	2735	1350	NA	NA
AMD A8-7600 APU	5070	779	63.39	\$79.99
AMD A8-7650K	4931	813	54.82	\$89.96
AMD A8-7670K	5083	773	31.55	\$161.10*
AMD A8-7680	5468	717	73.18	\$74.72*
AMD A8-8600P	3248	1172	NA	NA
AMD A8-8650	5470	716	NA	NA
AMD A8-9600	4994	799	74.89	\$66.69
AMD A9-9400	2327	1487	NA	NA
AMD A9-9410	2559	1405	NA	NA
AMD A9-9420	2329	1484	NA	NA
AMD A9-9420e	1871	1689	NA	NA
AMD A9-9425	2618	1381	NA	NA
AMD A9-9430	2543	1411	NA	NA
AMD A10 Micro-6700T APU	1970	1637	NA	NA
AMD A10 PRO-7350B APU	3187	1191	NA	NA
AMD A10 PRO-7800B APU	5057	784	NA	NA
AMD A10 PRO-7850B APU	5382	732	NA	NA
AMD A10-4600M APU	3112	1218	NA	NA
AMD A10-4655M APU	2597	1388	NA	NA
AMD A10-4657M APU	2906	1286	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-5700 APU	4211	947	65.30	\$64.50
AMD A10-5745M APU	2762	1338	NA	NA
AMD A10-5750M APU	3348	1147	NA	NA
AMD A10-5757M APU	3084	1227	NA	NA
AMD A10-5800B APU	4625	864	NA	NA
AMD A10-5800K APU	4637	858	15.40	\$301.11*
AMD A10-6700 APU	4607	870	39.38	\$116.99*
AMD A10-6700T APU	3693	1061	25.02	\$147.61*
AMD A10-6790K APU	4712	846	49.62	\$94.99
AMD A10-6800B APU	4991	800	NA	NA
AMD A10-6800K APU	4864	826	16.96	\$286.85*
AMD A10-7300 APU	2906	1288	NA	NA
AMD A10-7400P	3607	1077	NA	NA
AMD A10-7700K APU	5123	766	49.56	\$103.39
AMD A10-7800 APU	4983	801	48.20	\$103.39
AMD A10-7850K APU	5471	715	42.09	\$129.99
AMD A10-7860K	5072	777	28.98	\$175.00*
AMD A10-7870K	5472	714	21.89	\$249.99
AMD A10-7890K	5704	685	28.52	\$199.99
AMD A10-8700P	3446	1121	NA	NA
AMD A10-8750	5072	778	NA	NA
AMD A10-8850	5598	701	NA	NA
AMD A10-9600P	3788	1033	NA	NA
AMD A10-9620P	3712	1056	NA	NA
AMD A10-9630P	4497	893	NA	NA
AMD A10-9700	5438	723	68.00	\$79.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9700E	4747	843	67.84	\$69.99
AMD A12-9700P	3726	1051	NA	NA
AMD A12-9720P	3985	987	NA	NA
AMD A12-9730P	4472	897	NA	NA
AMD A12-9800	5513	711	50.13	\$109.99
AMD A12-9800E	5104	768	44.59	\$114.49
AMD Athlon64 X2 Dual Core 4600+	1108	2080	NA	NA
AMD Athlon 4	279	2678	7.00	\$39.99
AMD Athlon 64 2000+	116	2812	NA	NA
AMD Athlon 64 2200+	575	2370	NA	NA
AMD Athlon 64 2600+	374	2553	NA	NA
AMD Athlon 64 2800+	438	2481	4.38	\$99.99*
AMD Athlon 64 3000+	463	2451	11.59	\$39.99
AMD Athlon 64 3200+	492	2419	3.28	\$149.95*
AMD Athlon 64 3300+	576	2369	NA	NA
AMD Athlon 64 3400+	545	2382	NA	NA
AMD Athlon 64 3500+	540	2388	4.96	\$108.95*
AMD Athlon 64 3600+	601	2356	NA	NA
AMD Athlon 64 3700+	600	2357	8.70	\$69.00*
AMD Athlon 64 3800+	589	2359	3.28	\$179.95*
AMD Athlon 64 4000+	608	2350	50.76	\$11.99
AMD Athlon 64 FX-25	794	2263	NA	NA
AMD Athlon 64 FX-34	380	2544	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-51	437	2482	NA	NA
AMD Athlon 64 FX-53	646	2331	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2296	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2291	NA	NA
AMD Athlon 64 FX-59	715	2299	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1984	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1842	NA	NA
AMD Athlon 64 FX-72	1794	1721	NA	NA
AMD Athlon 64 FX-74	1495	1879	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2178	NA	NA
AMD Athlon 64 X2 4200+	1285	1980	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2150	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	964	2172	16.07	\$60.00
AMD Athlon 64 X2 Dual Core 3800+	1000	2143	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1040	2120	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1097	2085	8.45	\$129.95
AMD Athlon 64 X2 Dual Core 4400+	1146	2065	95.60	\$11.99
AMD Athlon 64 X2 Dual Core 4600+	1219	2019	3.39	\$359.95
AMD Athlon 64 X2 Dual Core 4800+	1252	2001	80.88	\$15.49
AMD Athlon 64 X2 Dual Core 5000+	1313	1960	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	1925	26.03	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1447	1897	27.31	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1484	1883	9.90	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1858	61.17	\$24.99
AMD Athlon 64 X2 Dual Core 6000+	1604	1830	34.91	\$45.95
AMD Athlon 64 X2 Dual Core 6400+	1790	1725	6.89	\$259.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core BE-230	1095	2088	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2100	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2118	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2243	28.02	\$29.97
AMD Athlon 64 X2 Dual Core TK-55	839	2244	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2166	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2223	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2254	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2224	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	924	2201	NA	NA
AMD Athlon 64 X2 QL-60	920	2205	NA	NA
AMD Athlon 64 X2 QL-62	1008	2139	NA	NA
AMD Athlon 64 X2 QL-64	991	2155	NA	NA
AMD Athlon 64 X2 QL-65	1050	2115	NA	NA
AMD Athlon 64 X2 QL-66	947	2184	NA	NA
AMD Athlon 64 X2 QL-67	1006	2140	NA	NA
AMD Athlon 64 X2 TK-55	955	2179	NA	NA
AMD Athlon 64 X2 TK-57	988	2157	NA	NA
AMD Athlon 200GE	4954	808	93.51	\$52.99
AMD Athlon 240GE	5301	747	73.65	\$71.99
AMD Athlon 1500+	294	2651	NA	NA
AMD Athlon 1640B	667	2323	13.34	\$50.00*
AMD Athlon 2000+	390	2540	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 2100+	412	2503	NA	NA
AMD Athlon 2200+	363	2570	4.55	\$79.99*
AMD Athlon 2400+	462	2454	NA	NA
AMD Athlon 2500+	374	2551	2.04	\$183.99*
AMD Athlon 2600+	444	2472	4.23	\$104.95*
AMD Athlon 2650e	409	2507	21.56	\$19.00*
AMD Athlon 2800+	447	2469	3.20	\$139.95*
AMD Athlon 2850e	504	2414	NA	NA
AMD Athlon 3100+	485	2432	NA	NA
AMD Athlon 3200+	458	2458	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	1974	76.13	\$16.98
AMD Athlon 5150 APU	2103	1581	13.15	\$159.95
AMD Athlon 5200 Dual-Core	1248	2004	41.64	\$29.99
AMD Athlon 5350 APU	2606	1386	7.70	\$338.46*
AMD Athlon 5370 APU	2901	1294	45.54	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1896	NA	NA
AMD Athlon 7550 Dual-Core	1462	1891	24.37	\$60.00
AMD Athlon 7750 Dual-Core	1570	1844	19.89	\$79.00*
AMD Athlon 7850 Dual-Core	1713	1762	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2661	NA	NA
AMD Athlon Dual Core 4050e	1086	2095	NA	NA
AMD Athlon Dual Core 4450B	1162	2053	37.49	\$31.00*
AMD Athlon Dual Core 4450e	1105	2083	NA	NA
AMD Athlon Dual Core 4850B	1391	1921	NA	NA
AMD Athlon Dual Core 4850e	1311	1962	33.63	\$39.00*
AMD Athlon Dual Core 5000B	1300	1967	13.69	\$95.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 5050e	1341	1947	22.36	\$60.00*
AMD Athlon Dual Core 5200B	1319	1959	NA	NA
AMD Athlon Dual Core 5400B	1411	1913	NA	NA
AMD Athlon Dual Core 5600B	1304	1965	NA	NA
AMD Athlon II 160u	560	2377	18.68	\$29.99*
AMD Athlon II 170u	625	2343	20.89	\$29.95*
AMD Athlon II Dual-Core M300	1115	2073	NA	NA
AMD Athlon II Dual-Core M320	1140	2067	38.01	\$30.00*
AMD Athlon II Dual-Core M340	1056	2113	NA	NA
AMD Athlon II N330 Dual-Core	1154	2058	NA	NA
AMD Athlon II N350 Dual-Core	1247	2006	NA	NA
AMD Athlon II N370 Dual-Core	1559	1848	NA	NA
AMD Athlon II Neo K125	472	2443	NA	NA
AMD Athlon II Neo K145	525	2396	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2271	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2235	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2266	NA	NA
AMD Athlon II P320 Dual-Core	1216	2020	40.63	\$29.95
AMD Athlon II P340 Dual-Core	1250	2003	27.82	\$44.95*
AMD Athlon II P360 Dual-Core	1319	1958	54.98	\$24.00*
AMD Athlon II X2 210e	1486	1881	NA	NA
AMD Athlon II X2 215	1572	1843	131.16	\$11.99*
AMD Athlon II X2 220	1632	1811	81.68	\$19.99



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 225	1526	1859	NA	NA
AMD Athlon II X2 235e	1658	1800	9.12	\$181.88*
AMD Athlon II X2 240	1644	1805	102.82	\$15.99
AMD Athlon II X2 240e	1698	1774	48.60	\$34.95*
AMD Athlon II X2 245	1659	1797	47.47	\$34.95*
AMD Athlon II X2 245e	1706	1769	21.33	\$80.00*
AMD Athlon II X2 250	1742	1744	44.74	\$38.95*
AMD Athlon II X2 250e	1939	1651	25.28	\$76.73*
AMD Athlon II X2 250u	1000	2144	28.64	\$34.95*
AMD Athlon II X2 255	1839	1704	28.21	\$65.22*
AMD Athlon II X2 260	1873	1686	93.71	\$19.99
AMD Athlon II X2 260u	1107	2081	13.28	\$83.44*
AMD Athlon II X2 265	1890	1678	22.81	\$82.88*
AMD Athlon II X2 270	1981	1632	82.59	\$23.99
AMD Athlon II X2 270u	1350	1944	19.96	\$67.67*
AMD Athlon II X2 280	2128	1570	21.28	\$99.99*
AMD Athlon II X2 4300e	1350	1943	NA	NA
AMD Athlon II X2 4400e	1616	1820	NA	NA
AMD Athlon II X2 4450e	1504	1874	NA	NA
AMD Athlon II X2 B22	1711	1763	41.05	\$41.69
AMD Athlon II X2 B24	1773	1729	52.00	\$34.10
AMD Athlon II X2 B26	1897	1674	54.28	\$34.95*
AMD Athlon II X2 B28	2085	1591	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1622	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1614	25.32	\$79.99*
AMD Athlon II X3 415e	2247	1526	29.97	\$75.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 420e	2285	1506	19.68	\$116.15*
AMD Athlon II X3 425	2316	1491	85.81	\$26.99
AMD Athlon II X3 425e	2239	1530	NA	NA
AMD Athlon II X3 435	2475	1437	82.53	\$29.99
AMD Athlon II X3 440	2567	1402	95.14	\$26.99
AMD Athlon II X3 445	2573	1399	28.28	\$91.00*
AMD Athlon II X3 450	2620	1380	74.98	\$34.95
AMD Athlon II X3 455	2767	1333	70.99	\$38.99
AMD Athlon II X3 460	2863	1304	73.45	\$38.99
AMD Athlon II X4 553	3814	1027	NA	NA
AMD Athlon II X4 555	3830	1022	NA	NA
AMD Athlon II X4 559	4142	960	NA	NA
AMD Athlon II X4 600e	2453	1442	18.84	\$130.23*
AMD Athlon II X4 605e	2750	1344	27.01	\$101.80*
AMD Athlon II X4 610e	2790	1328	39.87	\$69.99*
AMD Athlon II X4 615e	2901	1293	49.17	\$59.00*
AMD Athlon II X4 620	2935	1276	41.95	\$69.99*
AMD Athlon II X4 620e	2906	1287	NA	NA
AMD Athlon II X4 630	3134	1212	72.91	\$42.99
AMD Athlon II X4 631 Quad-Core	3153	1208	39.42	\$80.00*
AMD Athlon II X4 635	3238	1176	46.30	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1187	120.73	\$26.49
AMD Athlon II X4 640	3313	1156	41.44	\$79.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 641 Quad-Core	3346	1148	36.57	\$91.50*
AMD Athlon II X4 645	3472	1114	69.47	\$49.99
AMD Athlon II X4 650	3482	1111	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3575	1088	20.08	\$178.04*
AMD Athlon II X4 655	2998	1256	NA	NA
AMD Athlon II X4 6400e	2594	1390	NA	NA
AMD Athlon L110	306	2628	NA	NA
AMD Athlon LE-1600	567	2375	27.04	\$21.00*
AMD Athlon LE-1620	572	2371	31.80	\$18.00*
AMD Athlon LE-1640	627	2341	NA	NA
AMD Athlon LE-1660	688	2314	NA	NA
AMD Athlon MP	230	2732	4.20	\$54.95*
AMD Athlon MP 1700+	339	2593	NA	NA
AMD Athlon MP 2400+	436	2483	NA	NA
AMD Athlon MP 2800+	497	2417	NA	NA
AMD Athlon Neo MV-40	409	2508	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2142	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2270	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2248	NA	NA
AMD Athlon PRO 200GE	5204	756	NA	NA
AMD Athlon QI-46	473	2442	NA	NA
AMD Athlon TF-20	413	2501	NA	NA
AMD Athlon TF-36	395	2530	NA	NA
AMD Athlon X2 215	1543	1853	NA	NA
AMD Athlon X2 235e	1806	1717	NA	NA
AMD Athlon X2 240	1602	1831	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 240e	1670	1791	NA	NA
AMD Athlon X2 250	1696	1776	NA	NA
AMD Athlon X2 255	1627	1815	NA	NA
AMD Athlon X2 280	2303	1496	68.77	\$33.49
AMD Athlon X2 340 Dual Core	1911	1666	38.23	\$49.99
AMD Athlon X2 370K Dual Core	2251	1525	NA	NA
AMD Athlon X2 440	1424	1907	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2269	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2146	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2204	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2078	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2021	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2002	NA	NA
AMD Athlon X2 Dual Core L310	644	2333	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2137	NA	NA
AMD Athlon X3 425	2191	1547	NA	NA
AMD Athlon X3 435	2574	1397	26.96	\$95.49*
AMD Athlon X3 440	2078	1594	23.62	\$87.99*
AMD Athlon X3 445	2314	1492	NA	NA
AMD Athlon X3 450	3064	1234	38.80	\$78.99*
AMD Athlon X3 455	2401	1463	NA	NA
AMD Athlon X4 605e	2505	1427	NA	NA
AMD Athlon X4 620	2861	1305	47.74	\$59.95



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X4 635	2891	1298	23.71	\$121.99*
AMD Athlon X4 640	3172	1195	NA	NA
AMD Athlon X4 740 Quad Core	4008	982	14.47	\$277.00*
AMD Athlon X4 750 Quad Core	4551	877	NA	NA
AMD Athlon X4 750K Quad Core	4253	938	55.25	\$76.99*
AMD Athlon X4 760K Quad Core	4595	871	109.48	\$41.98
AMD Athlon X4 830	4701	849	NA	NA
AMD Athlon X4 840	5044	790	64.06	\$78.74*
AMD Athlon X4 845	5418	727	101.49	\$53.39
AMD Athlon X4 860K	5423	725	99.51	\$54.50
AMD Athlon X4 870K	5319	746	66.50	\$79.99
AMD Athlon X4 880K	5534	707	55.35	\$99.99
AMD Athlon X4 950	5259	749	84.43	\$62.29
AMD Athlon XP1600+	281	2673	NA	NA
AMD Athlon XP1900+	353	2578	NA	NA
AMD Athlon XP2100+	287	2663	NA	NA
AMD Athlon XP2200+	401	2521	NA	NA
AMD Athlon XP2400+	374	2552	NA	NA
AMD Athlon XP 1500	282	2672	NA	NA
AMD Athlon XP 1500+	257	2703	NA	NA
AMD Athlon XP 1600+	267	2693	NA	NA
AMD Athlon XP 1700	344	2589	NA	NA
AMD Athlon XP 1700+	271	2689	NA	NA
AMD Athlon XP 1800+	300	2638	5.10	\$58.95*
AMD Athlon XP 1900+	312	2621	NA	NA
AMD Athlon XP 2000+	299	2639	12.00	\$24.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2100+	323	2605	NA	NA
AMD Athlon XP 2200+	328	2604	3.87	\$84.95*
AMD Athlon XP 2300+	464	2450	NA	NA
AMD Athlon XP 2400+	360	2572	4.01	\$89.99
AMD Athlon XP 2500+	355	2575	NA	NA
AMD Athlon XP 2600+	372	2556	16.18	\$23.03*
AMD Athlon XP 2700+	393	2533	4.64	\$84.79*
AMD Athlon XP 2800+	400	2523	NA	NA
AMD Athlon XP 2900+	424	2497	NA	NA
AMD Athlon XP 3000+	402	2520	5.05	\$79.70*
AMD Athlon XP 3100+	433	2487	NA	NA
AMD Athlon XP 3200+	431	2488	NA	NA
AMD Athlon XP 3400+	570	2374	NA	NA
AMD Athlon XP Pro3+	367	2563	NA	NA
AMD Athlon XP-M	541	2387	15.48	\$34.95*
AMD C-30	310	2623	NA	NA
AMD C-50	462	2453	NA	NA
AMD C-60	466	2447	NA	NA
AMD C-60 APU	544	2384	NA	NA
AMD C-70 APU	559	2378	NA	NA
AMD E1 Micro-6200T APU	960	2176	NA	NA
AMD E1-1200 APU	657	2327	NA	NA
AMD E1-1500 APU	687	2315	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E1-2100 APU	639	2337	NA	NA
AMD E1-2200 APU	767	2273	NA	NA
AMD E1-2500 APU	889	2220	NA	NA
AMD E1-6010 APU	859	2230	NA	NA
AMD E1-6015 APU	898	2218	NA	NA
AMD E1-7010 APU	998	2145	NA	NA
AMD E2-1800 APU	816	2253	NA	NA
AMD E2-2000 APU	825	2249	NA	NA
AMD E2-3000 APU	1094	2091	NA	NA
AMD E2-3000M APU	1095	2089	54.76	\$20.00*
AMD E2-3200 APU	1394	1919	174.54	\$7.99*
AMD E2-3800 APU	1639	1809	NA	NA
AMD E2-6110 APU	1906	1667	NA	NA
AMD E2-7110 APU	2278	1511	NA	NA
AMD E2-9000	1649	1804	NA	NA
AMD E2-9000e	1353	1942	NA	NA
AMD E2-9010	1745	1742	NA	NA
AMD E2-9030	1515	1869	NA	NA
AMD E-240	317	2612	NA	NA
AMD E-300 APU	611	2349	NA	NA
AMD E-350	746	2285	NA	NA
AMD E-350 APU	761	2277	NA	NA
AMD E-350D APU	726	2293	NA	NA
AMD E-450 APU	767	2274	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1734	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1588	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Embedded G-Series GX-420GI Radeon R7E	2514	1422	NA	NA
AMD Embedded R-Series RX-216GD	2409	1459	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	780	NA	NA
AMD Embedded R-Series RX-421BD	4635	860	NA	NA
AMD EPYC 7251 8-Core	11344	221	22.83	\$496.99
AMD EPYC 7351P	15820	114	18.86	\$838.80
AMD EPYC 7371	21976	28	NA	NA
AMD EPYC 7401P	19555	57	17.02	\$1,148.77
AMD EPYC 7501	18942	63	4.34	\$4,365.44*
AMD EPYC 7551	18483	68	5.00	\$3,695.19
AMD EPYC 7551P	18359	69	8.48	\$2,164.77
AMD FirePro A320 APU	4540	884	NA	NA
AMD FX-670K Quad-Core	4550	878	NA	NA
AMD FX-770K Quad-Core	4797	835	NA	NA
AMD FX-870K Quad Core	5029	793	NA	NA
AMD FX-4100 Quad-Core	4069	971	31.30	\$129.99*
AMD FX-4130 Quad-Core	4161	956	54.76	\$75.99*
AMD FX-4150 Quad-Core	4594	872	NA	NA
AMD FX-4170 Quad-Core	4866	822	48.67	\$99.99*
AMD FX-4200 Quad-Core	4235	942	18.56	\$228.21*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-4300 Quad-Core	4690	851	103.09	\$45.50
AMD FX-4320	5006	797	NA	NA
AMD FX-4330	5321	745	NA	NA
AMD FX-4350 Quad-Core	5342	740	35.80	\$149.22
AMD FX-6100 Six-Core	5386	731	21.29	\$253.00
AMD FX-6120 Six-Core	5731	682	NA	NA
AMD FX-6130 Six-Core	6215	631	NA	NA
AMD FX-6200 Six-Core	6121	642	18.01	\$339.95
AMD FX-6300 Six-Core	6387	616	93.95	\$67.99
AMD FX-6330 Six-Core	6916	564	NA	NA
AMD FX-6350 Six-Core	6999	556	53.85	\$129.99
AMD FX-7500 APU	3207	1184	NA	NA
AMD FX-7600P	4049	974	NA	NA
AMD FX-7600P APU	4627	863	NA	NA
AMD FX-8100 Eight-Core	5982	653	42.13	\$142.00*
AMD FX-8120 Eight-Core	6599	596	66.01	\$99.99
AMD FX-8140 Eight-Core	6133	639	NA	NA
AMD FX-8150 Eight-Core	7631	498	5.28	\$1,445.01*
AMD FX-8300 Eight-Core	7728	486	81.31	\$95.05
AMD FX-8310 Eight-Core	7763	483	NA	NA
AMD FX-8320 Eight-Core	8019	462	86.25	\$92.98
AMD FX-8320E Eight-Core	7546	502	82.74	\$91.21
AMD FX-8350 Eight-Core	8948	383	137.70	\$64.99
AMD FX-8370 Eight-Core	9030	376	65.92	\$136.99
AMD FX-8370E Eight-Core	7806	479	41.30	\$189.00
AMD FX-8800P	4136	962	NA	NA
AMD FX-9370 Eight-Core	9451	338	52.84	\$178.89
AMD FX-9590 Eight-Core	10197	270	57.30	\$177.95
AMD FX-9800P	3977	992	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-9830P	4745	844	NA	NA
AMD FX-B4150 Quad-Core	4611	869	NA	NA
AMD G-T40E	467	2446	NA	NA
AMD G-T40N	516	2404	NA	NA
AMD G-T40R	203	2759	NA	NA
AMD G-T44R	227	2734	NA	NA
AMD G-T48E	724	2294	NA	NA
AMD G-T52R	308	2625	NA	NA
AMD G-T56E	751	2282	NA	NA
AMD G-T56N	791	2267	NA	NA
AMD Geode NX	264	2696	NA	NA
AMD Geode NX 1750	291	2652	NA	NA
AMD GX-210JA SOC	401	2522	NA	NA
AMD GX-212JC SOC	744	2287	NA	NA
AMD GX-217GA SOC	1103	2084	NA	NA
AMD GX-218GL SOC	1115	2072	NA	NA
AMD GX-222GC SOC	1255	1999	NA	NA
AMD GX-412HC	1497	1878	NA	NA
AMD GX-415GA SOC	1946	1648	NA	NA
AMD GX-420CA SOC	2412	1456	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD GX-424CC SOC	2491	1431	NA	NA
AMD K7	403	2517	NA	NA
AMD Opteron 140	396	2528	0.56	\$710.00*
AMD Opteron 142	428	2493	NA	NA
AMD Opteron 144	486	2429	7.48	\$65.00*
AMD Opteron 146	532	2393	8.87	\$59.99*
AMD Opteron 148	603	2355	NA	NA
AMD Opteron 150	604	2353	NA	NA
AMD Opteron 152	658	2325	NA	NA
AMD Opteron 154	703	2308	NA	NA
AMD Opteron 165	899	2217	1.47	\$610.00*
AMD Opteron 170	1097	2086	NA	NA
AMD Opteron 175	1167	2049	NA	NA
AMD Opteron 180	1234	2011	9.50	\$129.95*
AMD Opteron 185	1360	1937	NA	NA
AMD Opteron 246	632	2340	31.62	\$19.99
AMD Opteron 248	476	2440	4.77	\$99.95
AMD Opteron 250	649	2330	59.01	\$11.00*
AMD Opteron 252	760	2279	12.00	\$63.36*
AMD Opteron 254	693	2311	NA	NA
AMD Opteron 256	963	2173	50.72	\$19.00*
AMD Opteron 265	963	2174	6.02	\$159.95*
AMD Opteron 270	1083	2099	1.78	\$607.47*
AMD Opteron 275	1291	1976	19.87	\$64.99
AMD Opteron 280	1176	2041	1.48	\$796.67*
AMD Opteron 285	1470	1887	NA	NA
AMD Opteron 290	1464	1890	10.85	\$135.00*
AMD Opteron 1210	923	2202	NA	NA
AMD Opteron 1210 HE	971	2165	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1212	1009	2138	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1963	NA	NA
AMD Opteron 1214	1191	2034	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1968	NA	NA
AMD Opteron 1216	1311	1961	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2047	NA	NA
AMD Opteron 1218	1468	1888	NA	NA
AMD Opteron 1218 HE	1444	1898	NA	NA
AMD Opteron 1220	1653	1802	NA	NA
AMD Opteron 1222	1757	1736	NA	NA
AMD Opteron 1352	2316	1490	17.04	\$135.99*
AMD Opteron 1354	2630	1376	8.49	\$309.97*
AMD Opteron 1356	2765	1336	30.73	\$89.99*
AMD Opteron 1381	3065	1233	NA	NA
AMD Opteron 2212	1270	1991	63.53	\$20.00*
AMD Opteron 2214	1358	1939	46.85	\$29.00
AMD Opteron 2214 HE	1415	1911	NA	NA
AMD Opteron 2216	1518	1868	66.35	\$22.88
AMD Opteron 2218	1594	1835	49.18	\$32.42*
AMD Opteron 2220	1701	1772	1.15	\$1,475.16*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2220 SE	1398	1916	55.92	\$25.00*
AMD Opteron 2222	1843	1702	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1661	NA	NA
AMD Opteron 2350	2820	1315	10.45	\$269.99*
AMD Opteron 2356	2814	1318	188.25	\$14.95
AMD Opteron 2373 EE	2789	1329	NA	NA
AMD Opteron 2374 HE	2951	1271	15.53	\$189.99*
AMD Opteron 2376	2283	1508	13.69	\$166.81*
AMD Opteron 2378	3179	1194	17.76	\$179.00*
AMD Opteron 2380	2640	1374	105.64	\$25.00*
AMD Opteron 2384	3538	1099	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1100	NA	NA
AMD Opteron 2393 SE	2246	1527	NA	NA
AMD Opteron 2427	3069	1231	31.00	\$99.00
AMD Opteron 2431	4516	889	112.91	\$40.00
AMD Opteron 2435	4708	848	24.91	\$189.00
AMD Opteron 3260 HE	3259	1165	NA	NA
AMD Opteron 3280	5403	728	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1364	NA	NA
AMD Opteron 3350 HE	4009	981	NA	NA
AMD Opteron 3365	5963	656	NA	NA
AMD Opteron 3380	6384	618	7.89	\$809.00*
AMD Opteron 4122	2942	1273	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1199	NA	NA
AMD Opteron 4170 HE	3664	1068	62.11	\$59.00*
AMD Opteron 4184	4418	908	8.50	\$519.95*
AMD Opteron 4280	6430	611	128.63	\$49.99
AMD Opteron 4284	6660	590	111.03	\$59.99
AMD Opteron 4332 HE	5614	697	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	645	28.18	\$216.42*
AMD Opteron 4365 EE	5025	794	NA	NA
AMD Opteron 4386	6761	578	48.30	\$139.99
AMD Opteron 6128	4505	890	214.63	\$20.99
AMD Opteron 6134	2938	1274	66.81	\$43.99
AMD Opteron 6136	4631	861	42.10	\$110.00*
AMD Opteron 6164 HE	5351	737	NA	NA
AMD Opteron 6174	6171	634	62.34	\$99.00
AMD Opteron 6176 SE	5465	719	34.37	\$159.00
AMD Opteron 6212	5776	677	192.62	\$29.99
AMD Opteron 6220	6785	574	113.11	\$59.99
AMD Opteron 6234	5938	660	198.27	\$29.95*
AMD Opteron 6238	7673	494	127.92	\$59.99
AMD Opteron 6272	6748	581	112.50	\$59.99
AMD Opteron 6274	4865	825	105.80	\$45.99
AMD Opteron 6276	8889	391	111.13	\$79.99
AMD Opteron 6282 SE	9116	368	70.13	\$129.99
AMD Opteron 6287 SE	9789	310	NA	NA
AMD Opteron 6328	7813	478	39.07	\$199.99
AMD Opteron 6366 HE	7503	507	37.52	\$199.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6376	9414	343	144.84	\$65.00
AMD Opteron 6378	2152	1559	10.76	\$199.99
AMD Opteron 6380	10081	283	100.83	\$99.99
AMD Opteron 6386 SE	10748	242	71.66	\$149.99
AMD Opteron 8354	2255	1523	102.52	\$22.00
AMD Opteron 8439 SE	3813	1028	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1235	NA	NA
AMD Opteron X3216 APU	2368	1477	NA	NA
AMD Opteron X3421 APU	4899	816	NA	NA
AMD Phenom 2 X4 12000	3005	1254	NA	NA
AMD Phenom 7950 Quad-Core	2991	1257	NA	NA
AMD Phenom 8250 Triple-Core	1644	1806	NA	NA
AMD Phenom 8250e Triple-Core	1619	1819	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1631	1813	NA	NA
AMD Phenom 8450 Triple-Core	1889	1681	63.07	\$29.95*
AMD Phenom 8450e Triple-Core	2040	1606	NA	NA
AMD Phenom 8600 Triple-Core	1710	1765	32.28	\$52.99*
AMD Phenom 8600B Triple-Core	1923	1659	36.29	\$52.99*
AMD Phenom 8650 Triple-Core	1989	1629	39.79	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1601	NA	NA
AMD Phenom 8750B Triple-Core	2034	1609	NA	NA
AMD Phenom 8850 Triple-Core	2026	1613	NA	NA
AMD Phenom 8850B Triple-Core	2080	1593	NA	NA
AMD Phenom 9100e Quad-Core	1835	1707	45.96	\$39.95*
AMD Phenom 9150e Quad-Core	2112	1577	52.88	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1489	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1379	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2202	1542	75.98	\$28.99
AMD Phenom 9550 Quad-Core	2543	1410	87.73	\$28.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9600 Quad-Core	2306	1494	46.17	\$49.95*
AMD Phenom 9600B Quad-Core	2573	1398	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2636	1375	47.97	\$54.95*
AMD Phenom 9750 Quad-Core	2811	1321	95.34	\$29.49
AMD Phenom 9750B Quad-Core	2709	1355	NA	NA
AMD Phenom 9850 Quad-Core	2892	1297	24.11	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1203	NA	NA
AMD Phenom 9950 Quad-Core	3013	1247	22.33	\$134.99
AMD Phenom FX-5000 Quad-Core	2517	1419	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1272	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1074	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1108	NA	NA
AMD Phenom II N620 Dual-Core	1679	1784	420.83	\$3.99*
AMD Phenom II N640 Dual-Core	1716	1758	26.43	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1697	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1371	NA	NA
AMD Phenom II N830 Triple-Core	1890	1679	NA	NA
AMD Phenom II N850 Triple-Core	1935	1654	77.40	\$25.00*
AMD Phenom II N870 Triple-Core	1993	1626	NA	NA
AMD Phenom II N930 Quad-Core	2274	1513	17.50	\$129.95*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II N950 Quad-Core	2485	1434	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2523	1417	16.82	\$149.99*
AMD Phenom II P650 Dual-Core	1597	1833	45.66	\$35.00*
AMD Phenom II P820 Triple-Core	1604	1828	NA	NA
AMD Phenom II P840 Triple-Core	1741	1745	NA	NA
AMD Phenom II P860 Triple-Core	1759	1733	NA	NA
AMD Phenom II P920 Quad-Core	1866	1690	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1714	NA	NA
AMD Phenom II P960 Quad-Core	2085	1589	74.49	\$28.00*
AMD Phenom II X2 511	2104	1580	NA	NA
AMD Phenom II X2 521	2071	1597	NA	NA
AMD Phenom II X2 545	1914	1663	43.52	\$43.98
AMD Phenom II X2 550	2023	1615	40.48	\$49.99
AMD Phenom II X2 555	2046	1605	73.14	\$27.98
AMD Phenom II X2 560	2058	1602	31.67	\$64.99
AMD Phenom II X2 565	2211	1540	73.73	\$29.99*
AMD Phenom II X2 570	1960	1643	NA	NA
AMD Phenom II X2 B53	1709	1767	NA	NA
AMD Phenom II X2 B55	1918	1662	39.96	\$48.00*
AMD Phenom II X2 B57	1826	1712	NA	NA
AMD Phenom II X2 B59	2154	1558	110.62	\$19.48
AMD Phenom II X3 700e	2285	1507	NA	NA
AMD Phenom II X3 705e	2227	1533	14.63	\$152.34*
AMD Phenom II X3 710	2446	1445	28.94	\$84.53*
AMD Phenom II X3 715	2649	1373	31.17	\$84.99*
AMD Phenom II X3 720	2672	1365	38.18	\$69.99
AMD Phenom II X3 740	2985	1259	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1349	36.47	\$75.00*
AMD Phenom II X3 B75	2929	1279	73.25	\$39.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 B77	3067	1232	137.64	\$22.29*
AMD Phenom II X4 805	3001	1255	17.25	\$173.99*
AMD Phenom II X4 810	3122	1215	26.92	\$115.99*
AMD Phenom II X4 820	3397	1134	45.33	\$74.95
AMD Phenom II X4 830	3434	1123	42.96	\$79.95
AMD Phenom II X4 840	3507	1104	38.99	\$89.95*
AMD Phenom II X4 840T	3599	1080	51.43	\$69.99
AMD Phenom II X4 850	3547	1095	54.59	\$64.99
AMD Phenom II X4 900e	2882	1301	NA	NA
AMD Phenom II X4 905e	3087	1226	57.19	\$53.99
AMD Phenom II X4 910	3252	1169	32.52	\$100.00*
AMD Phenom II X4 910e	3253	1167	20.72	\$156.99*
AMD Phenom II X4 920	3393	1136	75.42	\$44.99
AMD Phenom II X4 925	3422	1125	77.79	\$43.99
AMD Phenom II X4 940	3590	1082	60.50	\$59.34
AMD Phenom II X4 945	3656	1070	73.88	\$49.49
AMD Phenom II X4 955	3927	1005	30.17	\$130.16*
AMD Phenom II X4 960T	3787	1034	59.19	\$63.99
AMD Phenom II X4 965	4187	952	72.20	\$58.00
AMD Phenom II X4 970	4322	929	29.18	\$148.11*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 973	3759	1041	NA	NA
AMD Phenom II X4 975	4459	898	31.93	\$139.69
AMD Phenom II X4 977	3750	1045	NA	NA
AMD Phenom II X4 980	4493	894	19.54	\$229.99
AMD Phenom II X4 8700e	2377	1471	NA	NA
AMD Phenom II X4 B05e	2792	1326	NA	NA
AMD Phenom II X4 B15e	2736	1348	NA	NA
AMD Phenom II X4 B25	3330	1151	NA	NA
AMD Phenom II X4 B35	3383	1139	NA	NA
AMD Phenom II X4 B40	3361	1143	NA	NA
AMD Phenom II X4 B45	3470	1116	NA	NA
AMD Phenom II X4 B50	3698	1060	NA	NA
AMD Phenom II X4 B55	3857	1014	NA	NA
AMD Phenom II X4 B60	4043	975	NA	NA
AMD Phenom II X4 B65	4177	954	NA	NA
AMD Phenom II X4 B70	4261	936	NA	NA
AMD Phenom II X4 B93	3358	1144	NA	NA
AMD Phenom II X4 B95	3684	1065	50.50	\$72.95*
AMD Phenom II X4 B97	3865	1012	67.83	\$56.99
AMD Phenom II X4 B99	4130	964	NA	NA
AMD Phenom II X6 1035T	4646	856	24.58	\$189.00*
AMD Phenom II X6 1045T	4806	832	58.63	\$81.99
AMD Phenom II X6 1055T	4962	806	61.84	\$80.24
AMD Phenom II X6 1065T	5048	788	NA	NA
AMD Phenom II X6 1075T	5337	742	47.24	\$112.99
AMD Phenom II X6 1090T	5575	703	14.08	\$396.08*
AMD Phenom II X6 1100T	5720	683	32.23	\$177.49
AMD Phenom II X6 1405T	5042	791	NA	NA
AMD Phenom II X620 Dual-Core	2189	1548	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X640 Dual-Core	2021	1616	NA	NA
AMD Phenom II X920 Quad-Core	2650	1372	NA	NA
AMD Phenom II X940 Quad-Core	2695	1358	NA	NA
AMD Phenom Ultra X4 24500	3945	1001	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1775	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1541	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1740	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2040	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1902	NA	NA
AMD Phenom X3 8550	1924	1657	11.33	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1735	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1625	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1531	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1296	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1353	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1359	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2025	NA	NA
AMD PRO A4-3350B APU	2274	1514	NA	NA
AMD PRO A4-8350B	2791	1327	NA	NA
AMD PRO A6-7350B	2759	1340	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A6-8500B	2516	1420	NA	NA
AMD PRO A6-8530B	2388	1467	NA	NA
AMD PRO A6-8550B	2985	1260	NA	NA
AMD PRO A6-8570	3049	1241	NA	NA
AMD PRO A6-8570E	2824	1313	NA	NA
AMD PRO A6-9500	3239	1175	43.77	\$74.00*
AMD PRO A6-9500B	2076	1595	NA	NA
AMD PRO A6-9500E	2760	1339	37.30	\$74.00*
AMD PRO A8-8600B	3544	1096	NA	NA
AMD PRO A8-8650B	5342	739	NA	NA
AMD PRO A8-8670E	5015	795	NA	NA
AMD PRO A8-9600	5277	748	44.35	\$119.00*
AMD PRO A8-9600B	3979	990	NA	NA
AMD PRO A10-8700B	3582	1086	NA	NA
AMD PRO A10-8730B	3971	994	NA	NA
AMD PRO A10-8750B	5465	718	NA	NA
AMD PRO A10-8770	5707	684	NA	NA
AMD PRO A10-8770E	5045	789	NA	NA
AMD PRO A10-8850B	5852	669	NA	NA
AMD PRO A10-9700	5677	691	33.59	\$169.00*
AMD PRO A10-9700B	4393	911	NA	NA
AMD PRO A10-9700E	5066	782	36.45	\$139.00*
AMD PRO A12-8800B	4137	961	NA	NA
AMD PRO A12-8830B	4325	927	NA	NA
AMD PRO A12-8870	6067	649	NA	NA
AMD PRO A12-8870E	5186	760	NA	NA
AMD PRO A12-9800	6154	637	36.42	\$169.00*
AMD PRO A12-9800B	4132	963	NA	NA
AMD PRO A12-9800E	4769	840	28.22	\$169.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD QC-4000	1663	1795	NA	NA
AMD R-260H APU	1576	1840	NA	NA
AMD R-460L APU	1954	1645	NA	NA
AMD R-464L APU	3117	1217	NA	NA
AMD RX-427BB	4349	921	NA	NA
AMD Ryzen 3 1200	6740	582	74.90	\$89.99
AMD Ryzen 3 1300X	7496	508	55.53	\$134.99
AMD Ryzen 3 2200G	7324	527	81.39	\$89.99
AMD Ryzen 3 2200GE	6861	569	NA	NA
AMD Ryzen 3 2200U	4525	887	NA	NA
AMD Ryzen 3 2300U	6323	624	NA	NA
AMD Ryzen 3 2300X	8671	410	NA	NA
AMD Ryzen 3 PRO 1200	7069	550	NA	NA
AMD Ryzen 3 PRO 1300	8022	461	NA	NA
AMD Ryzen 3 PRO 2200G	8042	458	NA	NA
AMD Ryzen 3 PRO 2200GE	7698	490	NA	NA
AMD Ryzen 3 PRO 2300U	7148	542	NA	NA
AMD Ryzen 5 1400	8361	430	61.94	\$134.99
AMD Ryzen 5 1500X	10077	284	69.51	\$144.99
AMD Ryzen 5 1600	12268	200	82.36	\$148.96

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 1600X	13222	175	83.71	\$157.95
AMD Ryzen 5 2400G	9283	353	66.31	\$139.99
AMD Ryzen 5 2400GE	7932	467	NA	NA
AMD Ryzen 5 2500U	7327	525	NA	NA
AMD Ryzen 5 2600	13545	170	82.10	\$164.99
AMD Ryzen 5 2600X	14368	144	71.85	\$199.99
AMD Ryzen 5 3550H	8499	419	NA	NA
AMD Ryzen 5 PRO 1500	10118	277	NA	NA
AMD Ryzen 5 PRO 1600	12213	203	NA	NA
AMD Ryzen 5 PRO 2400G	10014	290	NA	NA
AMD Ryzen 5 PRO 2400GE	9376	346	NA	NA
AMD Ryzen 5 PRO 2500U	8706	403	NA	NA
AMD Ryzen 5 PRO 2600	14645	134	NA	NA
AMD Ryzen 7 1700	13744	162	80.85	\$169.99
AMD Ryzen 7 1700X	14672	133	76.66	\$191.39
AMD Ryzen 7 1800X	15405	119	55.98	\$275.21
AMD Ryzen 7 2700	15005	128	60.02	\$249.99
AMD Ryzen 7 2700U	7310	531	NA	NA
AMD Ryzen 7 2700X	16983	82	56.61	\$299.99
AMD Ryzen 7 2800H	8498	420	NA	NA
AMD Ryzen 7 PRO 1700	14171	148	NA	NA
AMD Ryzen 7 PRO 1700X	15349	120	NA	NA
AMD Ryzen 7 PRO 2700	15897	111	NA	NA
AMD Ryzen 7 PRO 2700U	8980	381	NA	NA
AMD Ryzen 7 PRO 2700X	17276	79	NA	NA
AMD Ryzen Embedded V1202B	5051	786	NA	NA
AMD Ryzen Embedded V1605B	7667	496	NA	NA
AMD Ryzen Embedded V1807B	7529	504	NA	NA
AMD Ryzen Threadripper 1900X	16007	106	50.59	\$316.38
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Threadripper 1920X	19344	58	44.41	\$435.56
AMD Ryzen Threadripper 1950X	21911	30	37.78	\$579.99
AMD Ryzen Threadripper 2920X	21993	27	33.84	\$649.99
AMD Ryzen Threadripper 2950X	25765	11	29.62	\$869.99
AMD Ryzen Threadripper 2970WX	20608	43	20.21	\$1,019.99
AMD Ryzen Threadripper 2990WX	24110	18	14.67	\$1,643.99
AMD Ryzen Threadripper 2990X	18311	70	NA	NA
AMD Sempron 130	656	2329	26.29	\$24.99*
AMD Sempron 140	735	2289	18.57	\$39.59*
AMD Sempron 145	806	2261	47.50	\$16.98
AMD Sempron 150	707	2304	15.74	\$44.95*
AMD Sempron 200U	267	2692	3.08	\$87.00*
AMD Sempron 210U	391	2538	NA	NA
AMD Sempron 240	2110	1578	36.39	\$58.00
AMD Sempron 2100+	392	2536	NA	NA
AMD Sempron 2200+	281	2676	9.38	\$29.99*
AMD Sempron 2300+	318	2611	7.07	\$45.00*
AMD Sempron 2400+	314	2618	12.11	\$26.00*
AMD Sempron 2500+	335	2595	3.54	\$94.95*
AMD Sempron 2600+	373	2554	10.70	\$34.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2650 APU	946	2185	30.54	\$31.00
AMD Sempron 2800+	383	2542	19.18	\$19.99
AMD Sempron 3000+	409	2509	20.47	\$20.00
AMD Sempron 3100+	452	2463	7.53	\$60.00*
AMD Sempron 3200+	406	2511	3.10	\$131.22
AMD Sempron 3300+	484	2434	8.07	\$60.00
AMD Sempron 3400+	454	2462	3.46	\$131.22
AMD Sempron 3500+	379	2545	18.98	\$20.00*
AMD Sempron 3600+	487	2427	40.59	\$12.00*
AMD Sempron 3800+	554	2380	3.62	\$152.92
AMD Sempron 3850 APU	1716	1761	50.49	\$33.99
AMD Sempron Dual Core 2100	936	2192	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2149	NA	NA
AMD Sempron Dual Core 2300	982	2158	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2183	NA	NA
AMD Sempron Dual Core 4900	1081	2101	NA	NA
AMD Sempron LE-250	490	2421	NA	NA
AMD Sempron LE-1100	438	2480	NA	NA
AMD Sempron LE-1150	445	2470	NA	NA
AMD Sempron LE-1200	528	2394	NA	NA
AMD Sempron LE-1250	541	2386	5.41	\$99.95*
AMD Sempron LE-1300	605	2351	30.28	\$20.00
AMD Sempron LE-1600	535	2391	NA	NA
AMD Sempron LE-1620	635	2338	NA	NA
AMD Sempron LE-1640	759	2280	NA	NA
AMD Sempron M100	558	2379	46.58	\$12.00*
AMD Sempron M120	582	2363	NA	NA
AMD Sempron SI-40	443	2473	36.93	\$12.00*
AMD Sempron SI-42	456	2461	15.22	\$30.01
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron X2 180	1222	2017	17.62	\$69.40*
AMD Sempron X2 190	1512	1871	18.12	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1912	NA	NA
AMD Turion 64 Mobile MK-36	465	2448	NA	NA
AMD Turion 64 Mobile MK-38	513	2405	NA	NA
AMD Turion 64 Mobile ML-28	390	2539	NA	NA
AMD Turion 64 Mobile ML-30	402	2519	NA	NA
AMD Turion 64 Mobile ML-32	409	2506	NA	NA
AMD Turion 64 Mobile ML-34	425	2496	NA	NA
AMD Turion 64 Mobile ML-37	442	2474	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2399	NA	NA
AMD Turion 64 Mobile ML-42	615	2347	NA	NA
AMD Turion 64 Mobile ML-44	591	2358	NA	NA
AMD Turion 64 Mobile MT-28	419	2498	NA	NA
AMD Turion 64 Mobile MT-30	378	2546	NA	NA
AMD Turion 64 Mobile MT-32	426	2495	NA	NA
AMD Turion 64 Mobile MT-34	429	2491	NA	NA
AMD Turion 64 Mobile MT-37	484	2433	NA	NA
AMD Turion 64 Mobile MT-40	536	2389	NA	NA
AMD Turion 64 X2 Mobile TL-50	745	2286	14.92	\$49.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 X2 Mobile TL-52	763	2275	NA	NA
AMD Turion 64 X2 Mobile TL-56	889	2221	44.49	\$20.00*
AMD Turion 64 X2 Mobile TL-58	945	2186	NA	NA
AMD Turion 64 X2 Mobile TL-60	993	2154	45.24	\$21.95
AMD Turion 64 X2 Mobile TL-62	1087	2094	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1094	2090	27.78	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2066	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2051	12.92	\$90.00*
AMD Turion Dual-Core RM-70	904	2215	36.16	\$25.00*
AMD Turion Dual-Core RM-72	860	2228	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2135	NA	NA
AMD Turion Dual-Core RM-75	977	2161	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1294	1973	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	1964	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1950	NA	NA
AMD Turion II N530 Dual-Core	1583	1839	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1860	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2162	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2036	NA	NA
AMD Turion II Neo N40L Dual-Core	927	2199	NA	NA
AMD Turion II Neo N54L Dual-Core	1361	1934	NA	NA
AMD Turion II P520 Dual-Core	1357	1940	NA	NA
AMD Turion II P540 Dual-Core	1429	1903	28.62	\$49.95*
AMD Turion II P560 Dual-Core	1514	1870	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	1914	78.98	\$17.81*
AMD Turion II Ultra Dual-Core Mobile M620	1427	1905	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1792	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1856	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2258	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Dual Core L510	923	2203	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2232	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2110	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	994	2152	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1083	2098	4.83	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2109	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1137	2068	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2060	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1012	2136	72.31	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2097	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	2022	94.53	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2012	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1972	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1235	2010	30.93	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2148	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2128	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1895	NA	NA
AMD V105	299	2640	NA	NA
AMD V120	623	2345	NA	NA
AMD V140	642	2335	12.86	\$49.95*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD V160	677	2321	NA	NA
AMD Z-01	523	2398	NA	NA
AMD Z-60 APU	500	2416	NA	NA
AMD-K6 3D	90	2816	NA	NA
AMD-K6-III	108	2813	NA	NA
AMD-K7	403	2518	NA	NA
Athlon 64 Dual Core 3800+	1234	2013	NA	NA
Athlon 64 Dual Core 4200+	1156	2057	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	1930	NA	NA
Athlon 64 Dual Core 5000+	1507	1872	NA	NA
Athlon 64 Dual Core 5400+	1614	1822	NA	NA
Athlon 64 Dual Core 5600+	1548	1851	NA	NA
Athlon Dual Core 4050e	968	2168	NA	NA
Athlon Dual Core 4450e	1204	2027	NA	NA
Athlon Dual Core 4850e	1327	1954	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1309	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1084	2096	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1169	2048	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1201	2030	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	1988	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2026	NA	NA
HP Hexa-Core 2.0GHz	2178	1550	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2234	NA	NA
Intel 1400 @ 1.83GHz	980	2159	NA	NA
Intel 1500 @ 2.00GHz	1024	2130	NA	NA
Intel Atom 230 @ 1.60GHz	307	2627	NA	NA
Intel Atom 330 @ 1.60GHz	587	2361	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2219	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2175	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C2538 @ 2.40GHz	2085	1590	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1521	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1553	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	1030	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1149	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1202	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1441	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1412	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	827	14.62	\$332.00*
Intel Atom D410 @ 1.66GHz	301	2636	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2588	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2328	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	705	2306	NA	NA
Intel Atom D2500 @ 1.86GHz	404	2516	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2319	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2300	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2242	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2297	NA	NA
Intel Atom E660 @ 1.30GHz	271	2687	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2585	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom E3815 @ 1.46GHz	331	2601	2.22	\$149.00
Intel Atom E3825 @ 1.33GHz	579	2367	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2423	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2238	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2052	NA	NA
Intel Atom E3845 @ 1.91GHz	1499	1876	NA	NA
Intel Atom E3940 @ 1.60GHz	1889	1680	NA	NA
Intel Atom E3950 @ 1.60GHz	1855	1695	NA	NA
Intel Atom K510 @ 1.66GHz	658	2326	NA	NA
Intel Atom N270 @ 1.60GHz	268	2691	NA	NA
Intel Atom N280 @ 1.66GHz	283	2669	NA	NA
Intel Atom N435 @ 1.33GHz	261	2699	NA	NA
Intel Atom N450 @ 1.66GHz	296	2646	NA	NA
Intel Atom N455 @ 1.66GHz	283	2668	NA	NA
Intel Atom N470 @ 1.83GHz	307	2626	NA	NA
Intel Atom N475 @ 1.83GHz	314	2617	NA	NA
Intel Atom N550 @ 1.50GHz	526	2395	6.12	\$86.00*
Intel Atom N570 @ 1.66GHz	571	2373	6.65	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2632	NA	NA
Intel Atom N2600 @ 1.60GHz	525	2397	NA	NA
Intel Atom N2800 @ 1.86GHz	626	2342	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2207	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1607	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2259	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1623	1818	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1194	2032	8.98	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1018	2133	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1266	1995	60.29	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1695	1777	27.10	\$62.57*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom x5-Z8550 @ 1.44GHz	1837	1706	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1898	1672	25.78	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1903	1669	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2767	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2743	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2746	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2675	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2582	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2543	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2723	NA	NA
Intel Atom Z2760 @ 1.80GHz	565	2376	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2208	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2198	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2214	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2212	NA	NA
Intel Atom Z3736F @ 1.33GHz	919	2206	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	2108	NA	NA
Intel Atom Z3740D @ 1.33GHz	1025	2129	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2104	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1034	2122	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3770 @ 1.46GHz	1245	2008	8.34	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2262	NA	NA
Intel Atom Z3775 @ 1.46GHz	1258	1996	35.95	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1986	NA	NA
Intel Atom Z3795 @ 1.60GHz	1771	1731	NA	NA
Intel Celeron 1.70GHz	130	2806	NA	NA
Intel Celeron 1.80GHz	136	2803	NA	NA
Intel Celeron 2.00GHz	182	2779	NA	NA
Intel Celeron 2.10GHz	244	2721	NA	NA
Intel Celeron 2.13GHz	208	2754	NA	NA
Intel Celeron 2.20GHz	213	2749	NA	NA
Intel Celeron 2.26GHz	223	2738	NA	NA
Intel Celeron 2.30GHz	227	2735	NA	NA
Intel Celeron 2.40GHz	217	2744	NA	NA
Intel Celeron 2.50GHz	247	2715	NA	NA
Intel Celeron 2.53GHz	245	2719	NA	NA
Intel Celeron 2.60GHz	238	2726	NA	NA
Intel Celeron 2.66GHz	250	2712	NA	NA
Intel Celeron 2.70GHz	245	2720	NA	NA
Intel Celeron 2.80GHz	254	2705	NA	NA
Intel Celeron 2.93GHz	283	2667	NA	NA
Intel Celeron 3.06GHz	285	2664	NA	NA
Intel Celeron 3.20GHz	288	2657	NA	NA
Intel Celeron 3.33GHz	333	2598	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2607	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2610	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2465	11.26	\$39.99
Intel Celeron 430 @ 1.80GHz	490	2422	16.36	\$29.99
Intel Celeron 440 @ 2.00GHz	546	2381	9.11	\$59.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 450 @ 2.20GHz	624	2344	20.82	\$29.99
Intel Celeron 530 @ 1.73GHz	468	2445	20.37	\$23.00*
Intel Celeron 540 @ 1.86GHz	518	2400	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2402	7.96	\$64.95
Intel Celeron 560 @ 2.13GHz	535	2390	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2401	NA	NA
Intel Celeron 600MHz	147	2799	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2514	NA	NA
Intel Celeron 743 @ 1.30GHz	429	2490	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2283	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2560	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2348	NA	NA
Intel Celeron 847 @ 1.10GHz	937	2191	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1030	2124	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2064	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2046	39.12	\$29.99
Intel Celeron 877 @ 1.40GHz	1290	1977	NA	NA
Intel Celeron 887 @ 1.50GHz	1274	1989	NA	NA
Intel Celeron 900 @ 2.20GHz	678	2320	23.40	\$28.99
Intel Celeron 925 @ 2.30GHz	695	2310	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1000M @ 1.80GHz	1677	1785	NA	NA
Intel Celeron 1000MHz	213	2748	NA	NA
Intel Celeron 1005M @ 1.90GHz	1807	1716	NA	NA
Intel Celeron 1007U @ 1.50GHz	1391	1922	7.52	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1520	1863	NA	NA
Intel Celeron 1019Y @ 1.00GHz	931	2195	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1532	NA	NA
Intel Celeron 1037U @ 1.80GHz	1735	1750	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2035	NA	NA
Intel Celeron 1066MHz	259	2700	NA	NA
Intel Celeron 1100MHz	174	2785	NA	NA
Intel Celeron 1133MHz	282	2670	NA	NA
Intel Celeron 1200MHz	244	2722	NA	NA
Intel Celeron 1300MHz	288	2659	NA	NA
Intel Celeron 1333MHz	290	2653	NA	NA
Intel Celeron 1400MHz	302	2633	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1479	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1825	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1997	1624	NA	NA
Intel Celeron 2955U @ 1.40GHz	1420	1909	NA	NA
Intel Celeron 2957U @ 1.40GHz	1436	1901	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2076	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1493	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1837	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1841	NA	NA
Intel Celeron 3205U @ 1.50GHz	1494	1880	5.21	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1660	1796	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1771	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1628	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3855U @ 1.60GHz	1651	1803	NA	NA
Intel Celeron 3865U @ 1.80GHz	1941	1649	NA	NA
Intel Celeron 3955U @ 2.00GHz	1879	1684	NA	NA
Intel Celeron 3965U @ 2.20GHz	2411	1457	22.54	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1630	1814	15.23	\$107.00*
Intel Celeron @ 1.30GHz	965	2169	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2773	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2255	NA	NA
Intel Celeron B800 @ 1.50GHz	1273	1990	NA	NA
Intel Celeron B810 @ 1.60GHz	1425	1906	NA	NA
Intel Celeron B815 @ 1.60GHz	1361	1935	NA	NA
Intel Celeron B820 @ 1.70GHz	1428	1904	36.36	\$39.29*
Intel Celeron B830 @ 1.80GHz	1521	1861	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1755	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2690	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2634	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2614	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2597	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2515	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2436	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron D 430 @ 1.80GHz	585	2362	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2233	3.81	\$225.00
Intel Celeron E1400 @ 2.00GHz	1046	2117	11.64	\$89.95
Intel Celeron E1500 @ 2.20GHz	1176	2042	59.85	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	1998	NA	NA
Intel Celeron E3200 @ 2.40GHz	1392	1920	26.78	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1386	1923	22.22	\$62.43
Intel Celeron E3400 @ 2.60GHz	1438	1899	29.88	\$48.15
Intel Celeron E3500 @ 2.70GHz	1454	1894	36.37	\$39.99
Intel Celeron G440 @ 1.60GHz	690	2313	13.81	\$49.99
Intel Celeron G460 @ 1.80GHz	1029	2125	15.84	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2107	35.48	\$29.99
Intel Celeron G470 @ 2.00GHz	1298	1970	NA	NA
Intel Celeron G530 @ 2.40GHz	2134	1566	53.39	\$39.99
Intel Celeron G530T @ 2.00GHz	1717	1757	NA	NA
Intel Celeron G540 @ 2.50GHz	2199	1545	48.87	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1575	NA	NA
Intel Celeron G550 @ 2.60GHz	2287	1505	114.44	\$19.99
Intel Celeron G550T @ 2.20GHz	2063	1598	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1452	60.57	\$40.00*
Intel Celeron G1101 @ 2.27GHz	1667	1793	84.34	\$19.77
Intel Celeron G1610 @ 2.60GHz	2489	1432	99.63	\$24.99
Intel Celeron G1610T @ 2.30GHz	2288	1503	57.15	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2576	1396	16.78	\$153.59*
Intel Celeron G1620T @ 2.40GHz	2353	1482	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1429	49.89	\$49.99
Intel Celeron G1820 @ 2.70GHz	2753	1343	39.34	\$69.99
Intel Celeron G1820T @ 2.40GHz	2505	1426	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1567	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1830 @ 2.80GHz	2544	1409	36.35	\$69.99
Intel Celeron G1840 @ 2.80GHz	2860	1306	44.22	\$64.70
Intel Celeron G1840T @ 2.50GHz	2605	1387	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1285	36.37	\$79.99
Intel Celeron G3900 @ 2.80GHz	3153	1206	59.93	\$52.62
Intel Celeron G3900E @ 2.40GHz	2679	1363	NA	NA
Intel Celeron G3900T @ 2.60GHz	2919	1283	NA	NA
Intel Celeron G3900TE @ 2.30GHz	2591	1391	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1214	39.05	\$79.98
Intel Celeron G3930 @ 2.90GHz	3034	1243	59.30	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1335	32.17	\$85.99*
Intel Celeron G3950 @ 3.00GHz	3006	1253	42.21	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3302	1159	48.93	\$67.50
Intel Celeron G4900T @ 2.90GHz	2960	1268	NA	NA
Intel Celeron G4920 @ 3.20GHz	3150	1209	33.55	\$93.90*
Intel Celeron J1750 @ 2.41GHz	1037	2121	NA	NA
Intel Celeron J1800 @ 2.41GHz	1028	2127	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1823	NA	NA
Intel Celeron J1900 @ 1.99GHz	1848	1698	NA	NA
Intel Celeron J3060 @ 1.60GHz	972	2164	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron J3160 @ 1.60GHz	1791	1724	NA	NA
Intel Celeron J3355 @ 2.00GHz	1180	2039	NA	NA
Intel Celeron J3455 @ 1.50GHz	2135	1565	5.62	\$379.99*
Intel Celeron J4005 @ 2.00GHz	1560	1847	11.11	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2626	1377	24.54	\$107.00*
Intel Celeron M 1.00GHz	207	2755	16.60	\$12.49
Intel Celeron M 1.30GHz	316	2613	NA	NA
Intel Celeron M 1.50GHz	343	2590	NA	NA
Intel Celeron M 1.60GHz	365	2567	NA	NA
Intel Celeron M 1.70GHz	393	2535	NA	NA
Intel Celeron M 360 1.40GHz	328	2603	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2615	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2592	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2562	NA	NA
Intel Celeron M 440 @ 1.86GHz	397	2526	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2707	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2466	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2489	NA	NA
Intel Celeron M 530 @ 1.73GHz	460	2457	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2385	NA	NA
Intel Celeron M 600MHz	151	2797	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2460	NA	NA
Intel Celeron M 900MHz	204	2757	NA	NA
Intel Celeron M 1200MHz	275	2685	NA	NA
Intel Celeron M 1300MHz	303	2631	NA	NA
Intel Celeron M 1500MHz	333	2599	NA	NA
Intel Celeron M ULV 800MHz	184	2777	NA	NA
Intel Celeron N2805 @ 1.46GHz	461	2456	NA	NA
Intel Celeron N2806 @ 1.60GHz	794	2265	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2807 @ 1.58GHz	852	2237	NA	NA
Intel Celeron N2808 @ 1.58GHz	913	2209	NA	NA
Intel Celeron N2810 @ 2.00GHz	781	2268	5.58	\$139.99*
Intel Celeron N2815 @ 1.86GHz	856	2236	NA	NA
Intel Celeron N2820 @ 2.13GHz	930	2196	4.43	\$209.99
Intel Celeron N2830 @ 2.16GHz	953	2180	NA	NA
Intel Celeron N2840 @ 2.16GHz	1002	2141	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2029	NA	NA
Intel Celeron N2920 @ 1.86GHz	1500	1875	NA	NA
Intel Celeron N2930 @ 1.83GHz	1627	1816	NA	NA
Intel Celeron N2940 @ 1.83GHz	1734	1751	NA	NA
Intel Celeron N3000 @ 1.04GHz	901	2216	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2170	NA	NA
Intel Celeron N3050 @ 1.60GHz	880	2222	5.99	\$146.90
Intel Celeron N3060 @ 1.60GHz	988	2156	NA	NA
Intel Celeron N3150 @ 1.60GHz	1655	1801	NA	NA
Intel Celeron N3160 @ 1.60GHz	1673	1787	5.83	\$286.99*
Intel Celeron N3350 @ 1.10GHz	1106	2082	NA	NA
Intel Celeron N3450 @ 1.10GHz	1845	1700	11.48	\$160.74
Intel Celeron N4000 @ 1.10GHz	1465	1889	13.70	\$107.00*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N4100 @ 1.10GHz	2333	1483	21.81	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1119	2070	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2151	NA	NA
Intel Celeron P4600 @ 2.00GHz	1340	1948	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2272	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2182	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2111	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1770	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2295	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2316	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2260	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2114	87.68	\$11.99
Intel Core2 Duo E4400 @ 2.00GHz	1156	2056	23.14	\$49.99
Intel Core2 Duo E4500 @ 2.20GHz	1270	1992	211.70	\$6.00
Intel Core2 Duo E4600 @ 2.40GHz	1385	1924	8.77	\$157.95
Intel Core2 Duo E4700 @ 2.60GHz	1483	1884	54.95	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1109	2079	11.93	\$93.00
Intel Core2 Duo E6320 @ 1.86GHz	1184	2038	23.70	\$49.99
Intel Core2 Duo E6400 @ 2.13GHz	1288	1978	43.02	\$29.95
Intel Core2 Duo E6420 @ 2.13GHz	1360	1938	27.21	\$49.99
Intel Core2 Duo E6540 @ 2.33GHz	1458	1892	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1877	100.21	\$14.95
Intel Core2 Duo E6600 @ 2.40GHz	1553	1850	103.65	\$14.99
Intel Core2 Duo E6700 @ 2.66GHz	1693	1778	56.47	\$29.99
Intel Core2 Duo E6750 @ 2.66GHz	1716	1760	132.53	\$12.95
Intel Core2 Duo E6850 @ 3.00GHz	1948	1646	38.97	\$49.99
Intel Core2 Duo E7200 @ 2.53GHz	1631	1812	33.29	\$49.00
Intel Core2 Duo E7300 @ 2.66GHz	1727	1753	86.44	\$19.99
Intel Core2 Duo E7400 @ 2.80GHz	1773	1730	61.16	\$28.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E7500 @ 2.93GHz	1875	1685	125.10	\$14.99
Intel Core2 Duo E7600 @ 3.06GHz	1972	1635	16.44	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1520	1864	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1746	1741	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1886	1682	37.74	\$49.99
Intel Core2 Duo E8235 @ 2.80GHz	1965	1639	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1481	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1991	1627	99.63	\$19.99
Intel Core2 Duo E8335 @ 2.66GHz	1846	1699	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1571	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2149	1561	13.61	\$157.95
Intel Core2 Duo E8435 @ 3.06GHz	2127	1572	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2282	1509	57.07	\$39.99
Intel Core2 Duo E8600 @ 3.33GHz	2409	1458	48.21	\$49.99
Intel Core2 Duo E8700 @ 3.50GHz	2212	1539	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2278	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2317	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2251	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2239	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	964	2171	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo L7700 @ 1.80GHz	973	2163	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2071	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1067	2106	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1325	1956	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1291	1975	64.61	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	1969	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1415	1910	35.41	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2187	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1867	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1437	1900	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2132	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1455	1893	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1855	31.24	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1623	1817	42.74	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1740	1746	30.54	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1846	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1752	1739	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1738	1748	17.56	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1873	1687	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2013	1619	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2360	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1270	1993	5.02	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1676	1786	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	932	2194	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	831	2246	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	836	2245	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2256	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	933	2193	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	912	2210	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5470 @ 1.60GHz	909	2213	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	927	2200	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1047	2116	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1028	2126	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2153	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1092	2092	109.36	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1110	2077	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1195	2031	75.21	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1147	2062	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	2024	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2016	81.81	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1286	1979	85.85	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1255	1997	32.62	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1361	1936	72.02	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1366	1932	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1017	2134	46.28	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1165	2050	11.66	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1115	2074	5.54	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1192	2033	38.48	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1247	2007	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T7500 @ 2.20GHz	1275	1987	29.67	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1381	1926	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1422	1908	10.16	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1604	1829	2.64	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1297	1971	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1473	1886	13.52	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1672	1789	28.83	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1740	1747	24.88	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1796	1720	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1803	1718	6.03	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1655	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2015	1618	4.75	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2131	1568	5.34	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	871	2225	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	582	2364	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2322	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2309	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2229	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1133	2069	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1780	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1071	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3633	1072	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3456	1119	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1872	1688	7.10	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1719	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1952	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1782	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1903	1668	4.64	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2061	1599	2.42	\$851.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme X9650 @ 3.00GHz	4157	957	4.83	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	891	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	866	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	855	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2951	1270	73.82	\$39.98
Intel Core2 Quad Q6700 @ 2.66GHz	3286	1163	73.05	\$44.99
Intel Core2 Quad Q8200 @ 2.33GHz	2812	1320	122.32	\$22.99
Intel Core2 Quad Q8300 @ 2.50GHz	2981	1261	59.64	\$49.99
Intel Core2 Quad Q8400 @ 2.66GHz	3165	1200	13.19	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2523	1416	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1174	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3160	1204	63.22	\$49.99
Intel Core2 Quad Q9400 @ 2.66GHz	3341	1150	98.30	\$33.99
Intel Core2 Quad Q9450 @ 2.66GHz	3761	1040	11.23	\$335.00
Intel Core2 Quad Q9500 @ 2.83GHz	3538	1098	101.13	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3559	1091	18.73	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3966	997	87.00	\$45.59
Intel Core2 Quad Q9650 @ 3.00GHz	4166	955	59.53	\$69.99
Intel Core2 Quad Q9705 @ 3.16GHz	3947	999	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	350	2581	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Solo U2200 @ 1.20GHz	311	2622	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2500	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	465	2449	NA	NA
Intel Core 330 @ 1.60GHz	643	2334	NA	NA
Intel Core 860 @ 2.80GHz	4555	876	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2298	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2301	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2284	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2312	NA	NA
Intel Core Duo T2250 @ 1.73GHz	758	2281	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2292	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2276	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2264	49.65	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2250	NA	NA
Intel Core Duo T2500 @ 2.00GHz	868	2227	7.24	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	943	2189	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2131	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2383	NA	NA
Intel Core Duo U2500 @ 1.20GHz	512	2406	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1653	NA	NA
Intel Core i3-330M @ 2.13GHz	1789	1726	36.86	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1075	2105	NA	NA
Intel Core i3-350M @ 2.27GHz	1891	1677	17.36	\$108.95
Intel Core i3-370M @ 2.40GHz	2015	1617	50.45	\$39.96*
Intel Core i3-380M @ 2.53GHz	2093	1586	34.92	\$59.95
Intel Core i3-380UM @ 1.33GHz	1158	2055	NA	NA
Intel Core i3-390M @ 2.67GHz	2180	1549	55.99	\$38.95*
Intel Core i3-530 @ 2.93GHz	2566	1403	128.33	\$20.00
Intel Core i3-540 @ 3.07GHz	2687	1361	107.60	\$24.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-550 @ 3.20GHz	2829	1312	16.07	\$176.00
Intel Core i3-560 @ 3.33GHz	2937	1275	97.98	\$29.98
Intel Core i3-2100 @ 3.10GHz	3691	1063	61.53	\$59.99
Intel Core i3-2100T @ 2.50GHz	2952	1269	49.21	\$59.99
Intel Core i3-2102 @ 3.10GHz	3736	1049	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3706	1057	46.34	\$79.99
Intel Core i3-2120 @ 3.30GHz	3927	1006	130.91	\$30.00
Intel Core i3-2120T @ 2.60GHz	3169	1197	19.81	\$160.00
Intel Core i3-2125 @ 3.30GHz	4019	980	19.42	\$207.00
Intel Core i3-2130 @ 3.40GHz	4066	972	58.10	\$69.99
Intel Core i3-2140 @ 3.50GHz	4325	928	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1308	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2431	1448	54.04	\$44.99
Intel Core i3-2312M @ 2.10GHz	2394	1464	NA	NA
Intel Core i3-2328M @ 2.20GHz	2537	1413	27.29	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1230	NA	NA
Intel Core i3-2330M @ 2.20GHz	2525	1415	14.84	\$170.20*
Intel Core i3-2332M @ 2.20GHz	2382	1469	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1754	NA	NA
Intel Core i3-2348M @ 2.30GHz	2615	1382	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2350M @ 2.30GHz	2622	1378	71.24	\$36.81*
Intel Core i3-2357M @ 1.30GHz	1556	1849	NA	NA
Intel Core i3-2365M @ 1.40GHz	1680	1783	NA	NA
Intel Core i3-2367M @ 1.40GHz	1706	1768	NA	NA
Intel Core i3-2370M @ 2.40GHz	2776	1332	69.74	\$39.81
Intel Core i3-2375M @ 1.50GHz	1774	1728	NA	NA
Intel Core i3-2377M @ 1.50GHz	1827	1711	NA	NA
Intel Core i3-3110M @ 2.40GHz	3078	1229	38.51	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3220	1183	23.17	\$139.00
Intel Core i3-3130M @ 2.60GHz	3405	1127	NA	NA
Intel Core i3-3210 @ 3.20GHz	4033	977	40.34	\$99.99
Intel Core i3-3217U @ 1.80GHz	2302	1498	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1556	NA	NA
Intel Core i3-3220 @ 3.30GHz	4238	941	71.85	\$59.00
Intel Core i3-3220T @ 2.80GHz	3699	1059	37.00	\$99.99
Intel Core i3-3225 @ 3.30GHz	4339	923	43.40	\$99.99
Intel Core i3-3227U @ 1.90GHz	2473	1438	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1693	1779	NA	NA
Intel Core i3-3240 @ 3.40GHz	4313	931	63.44	\$67.99
Intel Core i3-3240T @ 2.90GHz	3680	1066	NA	NA
Intel Core i3-3245 @ 3.40GHz	4434	903	55.43	\$79.99
Intel Core i3-3250 @ 3.50GHz	4451	899	46.86	\$94.99
Intel Core i3-3250T @ 3.00GHz	3614	1075	NA	NA
Intel Core i3-4000M @ 2.40GHz	3247	1173	16.24	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2443	1446	NA	NA
Intel Core i3-4010U @ 1.70GHz	2437	1447	22.16	\$110.00*
Intel Core i3-4010Y @ 1.30GHz	1900	1671	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2163	1555	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2213	1537	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4025U @ 1.90GHz	2782	1330	NA	NA
Intel Core i3-4030U @ 1.90GHz	2709	1354	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1425	NA	NA
Intel Core i3-4100M @ 2.50GHz	3477	1112	15.91	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	1010	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1292	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1240	NA	NA
Intel Core i3-4130 @ 3.40GHz	4797	836	41.71	\$115.00
Intel Core i3-4130T @ 2.90GHz	4144	959	46.57	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4892	817	30.43	\$160.81
Intel Core i3-4150T @ 3.00GHz	4222	944	18.36	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1284	NA	NA
Intel Core i3-4160 @ 3.60GHz	5054	785	36.10	\$139.99
Intel Core i3-4160T @ 3.10GHz	4418	909	29.46	\$149.99
Intel Core i3-4170 @ 3.70GHz	5189	759	34.60	\$149.99
Intel Core i3-4170T @ 3.20GHz	4544	881	21.64	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5098	769	28.33	\$179.99
Intel Core i3-4330T @ 3.00GHz	4486	895	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1186	NA	NA
Intel Core i3-4340 @ 3.60GHz	5240	752	30.83	\$169.99



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4350 @ 3.60GHz	4963	805	29.20	\$169.99
Intel Core i3-4350T @ 3.10GHz	4302	932	NA	NA
Intel Core i3-4360 @ 3.70GHz	5460	720	19.51	\$279.95
Intel Core i3-4360T @ 3.20GHz	4636	859	NA	NA
Intel Core i3-4370 @ 3.80GHz	5610	700	13.52	\$415.00
Intel Core i3-4370T @ 3.30GHz	4890	818	35.44	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	812	NA	NA
Intel Core i3-5005U @ 2.00GHz	2903	1290	NA	NA
Intel Core i3-5010U @ 2.10GHz	3053	1236	10.05	\$303.93*
Intel Core i3-5015U @ 2.10GHz	3007	1251	NA	NA
Intel Core i3-5020U @ 2.20GHz	3188	1190	6.95	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3663	1069	NA	NA
Intel Core i3-6006U @ 2.00GHz	3090	1224	NA	NA
Intel Core i3-6098P @ 3.60GHz	5423	726	40.55	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5488	712	37.27	\$147.25
Intel Core i3-6100E @ 2.70GHz	3769	1038	NA	NA
Intel Core i3-6100H @ 2.70GHz	4249	939	NA	NA
Intel Core i3-6100T @ 3.20GHz	4865	823	25.61	\$189.99
Intel Core i3-6100TE @ 2.70GHz	4337	924	NA	NA
Intel Core i3-6100U @ 2.30GHz	3601	1079	6.99	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	1020	NA	NA
Intel Core i3-6300 @ 3.80GHz	5839	671	32.81	\$177.99
Intel Core i3-6300T @ 3.30GHz	5249	751	29.16	\$179.99
Intel Core i3-6320 @ 3.90GHz	6047	650	37.80	\$159.99
Intel Core i3-7020U @ 2.30GHz	3531	1101	12.57	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5780	675	34.36	\$168.25
Intel Core i3-7100H @ 3.00GHz	4696	850	20.87	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5042	792	56.66	\$89.00*
Intel Core i3-7100U @ 2.40GHz	3778	1036	4.92	\$768.10
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7101TE @ 3.40GHz	5196	758	44.42	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4089	969	14.55	\$281.00*
Intel Core i3-7167U @ 2.80GHz	4757	841	NA	NA
Intel Core i3-7300 @ 4.00GHz	6386	617	37.16	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	733	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6513	601	35.65	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6620	594	33.14	\$199.80
Intel Core i3-8100 @ 3.60GHz	8061	454	67.75	\$118.99
Intel Core i3-8100B @ 3.60GHz	8431	426	NA	NA
Intel Core i3-8100T @ 3.10GHz	7477	509	53.80	\$139.00*
Intel Core i3-8109U @ 3.00GHz	6167	636	NA	NA
Intel Core i3-8121U @ 2.20GHz	4738	845	NA	NA
Intel Core i3-8130U @ 2.20GHz	5075	776	18.06	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5653	696	20.12	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8661	411	45.81	\$189.07
Intel Core i3-8300T @ 3.20GHz	8032	459	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9224	358	45.88	\$201.05
Intel Core i5 750S @ 2.40GHz	2197	1546	21.97	\$99.99
Intel Core i5 E 520 @ 2.40GHz	2486	1433	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3603	1078	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7Y57 @ 1.20GHz	3737	1048	NA	NA
Intel Core i5-430M @ 2.27GHz	2098	1585	15.00	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	1946	NA	NA
Intel Core i5-450M @ 2.40GHz	2124	1573	66.49	\$31.95*
Intel Core i5-460M @ 2.53GHz	2326	1488	31.04	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	2102	NA	NA
Intel Core i5-480M @ 2.67GHz	2402	1462	29.80	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1528	NA	NA
Intel Core i5-520M @ 2.40GHz	2370	1475	33.86	\$69.99
Intel Core i5-520UM @ 1.07GHz	1356	1941	NA	NA
Intel Core i5-540M @ 2.53GHz	2453	1443	12.92	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	1929	NA	NA
Intel Core i5-560M @ 2.67GHz	2583	1395	28.72	\$89.97
Intel Core i5-560UM @ 1.33GHz	1664	1794	NA	NA
Intel Core i5-580M @ 2.67GHz	2606	1385	23.71	\$109.95
Intel Core i5-650 @ 3.20GHz	3100	1222	36.24	\$85.55
Intel Core i5-655K @ 3.20GHz	3399	1130	56.67	\$59.99
Intel Core i5-660 @ 3.33GHz	3251	1171	66.35	\$49.00
Intel Core i5-661 @ 3.33GHz	3182	1192	31.82	\$99.99
Intel Core i5-670 @ 3.47GHz	3309	1157	36.77	\$89.99
Intel Core i5-680 @ 3.60GHz	3509	1103	38.99	\$89.99
Intel Core i5-750 @ 2.67GHz	3692	1062	39.90	\$92.55*
Intel Core i5-760 @ 2.80GHz	3888	1008	43.21	\$89.99
Intel Core i5-2300 @ 2.80GHz	5353	736	66.92	\$79.99
Intel Core i5-2310 @ 2.90GHz	5538	706	69.25	\$79.98
Intel Core i5-2320 @ 3.00GHz	5765	679	36.03	\$160.00
Intel Core i5-2380P @ 3.10GHz	5749	681	63.89	\$89.99
Intel Core i5-2390T @ 2.70GHz	4261	937	42.66	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5963	657	79.52	\$74.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2400S @ 2.50GHz	4977	802	75.76	\$65.70
Intel Core i5-2405S @ 2.50GHz	5082	774	30.92	\$164.40*
Intel Core i5-2410M @ 2.30GHz	3165	1201	43.97	\$72.00*
Intel Core i5-2415M @ 2.30GHz	3299	1160	NA	NA
Intel Core i5-2430M @ 2.40GHz	3283	1164	39.04	\$84.11*
Intel Core i5-2435M @ 2.40GHz	3224	1178	NA	NA
Intel Core i5-2450M @ 2.50GHz	3399	1131	38.62	\$88.02
Intel Core i5-2450P @ 3.20GHz	6132	640	68.14	\$89.99
Intel Core i5-2467M @ 1.60GHz	2327	1486	NA	NA
Intel Core i5-2500 @ 3.30GHz	6335	622	58.12	\$109.00
Intel Core i5-2500K @ 3.30GHz	6479	604	56.34	\$115.00
Intel Core i5-2500S @ 2.70GHz	5341	741	71.23	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4639	857	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	1067	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1155	NA	NA
Intel Core i5-2520M @ 2.50GHz	3590	1081	21.17	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2100	1583	NA	NA
Intel Core i5-2540M @ 2.60GHz	3782	1035	65.20	\$58.02
Intel Core i5-2550K @ 3.40GHz	6667	589	51.29	\$129.99
Intel Core i5-2557M @ 1.70GHz	2685	1362	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2560M @ 2.70GHz	3752	1043	NA	NA
Intel Core i5-3210M @ 2.50GHz	3826	1024	15.95	\$239.95
Intel Core i5-3230M @ 2.60GHz	3938	1003	14.48	\$272.04
Intel Core i5-3317U @ 1.70GHz	3090	1223	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4118	965	36.94	\$111.51*
Intel Core i5-3330 @ 3.00GHz	5935	662	21.12	\$280.99
Intel Core i5-3330S @ 2.70GHz	5678	690	59.78	\$94.99
Intel Core i5-3335S @ 2.70GHz	5788	674	NA	NA
Intel Core i5-3337U @ 1.80GHz	3223	1179	14.33	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1536	NA	NA
Intel Core i5-3340 @ 3.10GHz	6083	647	23.22	\$262.01
Intel Core i5-3340M @ 2.70GHz	4247	940	53.13	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	670	38.98	\$149.99
Intel Core i5-3350P @ 3.10GHz	6145	638	36.15	\$169.99
Intel Core i5-3360M @ 2.80GHz	4429	904	47.73	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4438	901	NA	NA
Intel Core i5-3427U @ 1.80GHz	3550	1094	8.45	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3632	1073	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1278	NA	NA
Intel Core i5-3450 @ 3.10GHz	6536	599	51.47	\$126.99
Intel Core i5-3450S @ 2.80GHz	6219	629	62.20	\$99.99
Intel Core i5-3470 @ 3.20GHz	6710	586	67.79	\$99.00
Intel Core i5-3470S @ 2.90GHz	6367	620	45.10	\$141.19
Intel Core i5-3470T @ 2.90GHz	4473	896	14.48	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6618	595	46.12	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6956	560	20.46	\$339.95*
Intel Core i5-3550S @ 3.00GHz	6906	565	20.25	\$341.01
Intel Core i5-3570 @ 3.40GHz	7118	545	55.61	\$128.00
Intel Core i5-3570K @ 3.40GHz	7173	541	51.61	\$139.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3570S @ 3.10GHz	6755	580	23.70	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5901	664	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3830	1021	NA	NA
Intel Core i5-4200H @ 2.80GHz	4439	900	NA	NA
Intel Core i5-4200M @ 2.50GHz	4033	976	49.73	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3293	1161	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1460	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2261	1522	NA	NA
Intel Core i5-4210H @ 2.90GHz	4540	883	NA	NA
Intel Core i5-4210M @ 2.60GHz	4198	949	13.54	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3403	1129	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2378	1470	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1520	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1291	NA	NA
Intel Core i5-4250U @ 1.30GHz	3449	1120	9.61	\$358.99*
Intel Core i5-4258U @ 2.40GHz	4082	970	NA	NA
Intel Core i5-4260U @ 1.40GHz	3569	1089	NA	NA
Intel Core i5-4278U @ 2.60GHz	4366	917	NA	NA
Intel Core i5-4288U @ 2.60GHz	4357	919	NA	NA
Intel Core i5-4300M @ 2.60GHz	4423	906	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4300U @ 1.90GHz	3741	1047	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2491	1430	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1264	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	945	NA	NA
Intel Core i5-4310M @ 2.70GHz	4628	862	NA	NA
Intel Core i5-4310U @ 2.00GHz	3755	1042	NA	NA
Intel Core i5-4330M @ 2.80GHz	4524	888	16.45	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4810	829	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1076	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	879	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1000	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1322	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6326	623	35.15	\$179.99
Intel Core i5-4430S @ 2.70GHz	5937	661	37.11	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6505	602	38.27	\$169.99
Intel Core i5-4440S @ 2.80GHz	6217	630	13.43	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6713	584	45.06	\$149.00
Intel Core i5-4460S @ 2.90GHz	6408	614	9.71	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4951	810	NA	NA
Intel Core i5-4570 @ 3.20GHz	7137	543	40.79	\$174.99
Intel Core i5-4570R @ 2.70GHz	6761	577	NA	NA
Intel Core i5-4570S @ 2.90GHz	6800	573	27.66	\$245.86
Intel Core i5-4570T @ 2.90GHz	4830	828	32.20	\$149.99
Intel Core i5-4570TE @ 2.70GHz	3827	1023	19.14	\$199.99
Intel Core i5-4590 @ 3.30GHz	7317	529	49.11	\$149.00
Intel Core i5-4590S @ 3.00GHz	7053	551	35.99	\$195.99
Intel Core i5-4590T @ 2.00GHz	5612	699	NA	NA
Intel Core i5-4670 @ 3.40GHz	7449	511	46.85	\$159.00
Intel Core i5-4670K @ 3.40GHz	7634	497	30.54	\$249.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4670K CPT @ 3.40GHz	7411	519	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	518	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7322	528	34.38	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6168	635	23.81	\$259.02
Intel Core i5-4690 @ 3.50GHz	7673	495	38.37	\$199.99
Intel Core i5-4690K @ 3.50GHz	7796	480	25.40	\$306.97
Intel Core i5-4690S @ 3.20GHz	7444	512	16.56	\$449.53
Intel Core i5-4690T @ 2.50GHz	6478	605	NA	NA
Intel Core i5-5200U @ 2.20GHz	3485	1109	NA	NA
Intel Core i5-5250U @ 1.60GHz	3584	1085	8.11	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4403	910	NA	NA
Intel Core i5-5287U @ 2.90GHz	4688	852	NA	NA
Intel Core i5-5300U @ 2.30GHz	3815	1026	7.40	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3485	1110	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	514	NA	NA
Intel Core i5-5675C @ 3.10GHz	8191	443	20.48	\$399.99
Intel Core i5-5675R @ 3.10GHz	8054	457	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4145	958	NA	NA
Intel Core i5-6200U @ 2.30GHz	4019	979	NA	NA
Intel Core i5-6260U @ 1.80GHz	4359	918	8.40	\$518.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6267U @ 2.90GHz	4960	807	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	842	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6083	646	NA	NA
Intel Core i5-6300U @ 2.40GHz	4373	915	NA	NA
Intel Core i5-6360U @ 2.00GHz	4880	820	NA	NA
Intel Core i5-6400 @ 2.70GHz	6761	579	30.73	\$219.99
Intel Core i5-6400T @ 2.20GHz	5614	698	35.48	\$158.23
Intel Core i5-6402P @ 2.80GHz	7103	547	37.39	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	676	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6785	575	NA	NA
Intel Core i5-6500 @ 3.20GHz	7243	535	30.90	\$234.38
Intel Core i5-6500T @ 2.50GHz	6284	626	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6539	598	31.14	\$209.99
Intel Core i5-6600 @ 3.30GHz	7771	482	31.21	\$249.00
Intel Core i5-6600K @ 3.50GHz	8060	455	32.64	\$246.99
Intel Core i5-6600T @ 2.70GHz	7326	526	30.53	\$239.99
Intel Core i5-7200U @ 2.50GHz	4613	867	NA	NA
Intel Core i5-7260U @ 2.20GHz	5691	687	5.64	\$1,009.00
Intel Core i5-7267U @ 3.10GHz	5098	770	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	694	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6802	572	NA	NA
Intel Core i5-7300U @ 2.60GHz	5180	761	11.26	\$459.99
Intel Core i5-7360U @ 2.30GHz	5964	655	NA	NA
Intel Core i5-7400 @ 3.00GHz	7338	524	34.69	\$211.53
Intel Core i5-7400T @ 2.40GHz	6430	610	31.74	\$202.59
Intel Core i5-7440HQ @ 2.80GHz	7703	489	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	6262	627	25.05	\$250.00*
Intel Core i5-7500 @ 3.40GHz	8026	460	34.65	\$231.68
Intel Core i5-7500T @ 2.70GHz	7015	555	29.92	\$234.49
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7600 @ 3.50GHz	8736	402	34.24	\$255.19
Intel Core i5-7600K @ 3.80GHz	9127	365	36.51	\$249.99
Intel Core i5-7600T @ 2.80GHz	8097	452	31.00	\$261.25
Intel Core i5-7640X @ 4.00GHz	9533	327	28.89	\$329.94
Intel Core i5-8200Y @ 1.30GHz	4206	948	14.46	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4057	973	NA	NA
Intel Core i5-8250U @ 1.60GHz	7680	493	NA	NA
Intel Core i5-8259U @ 2.30GHz	11001	234	16.38	\$671.63
Intel Core i5-8265U @ 1.60GHz	8196	442	27.60	\$297.00*
Intel Core i5-8300H @ 2.30GHz	9493	330	37.97	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8927	386	NA	NA
Intel Core i5-8350U @ 1.70GHz	8220	437	27.68	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11624	216	62.84	\$184.99
Intel Core i5-8400H @ 2.50GHz	10116	278	40.47	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9618	322	53.73	\$179.00
Intel Core i5-8500 @ 3.00GHz	11882	212	54.26	\$219.00
Intel Core i5-8500B @ 3.00GHz	12639	193	65.83	\$192.00*
Intel Core i5-8500T @ 2.10GHz	10038	286	45.98	\$218.34*
Intel Core i5-8600 @ 3.10GHz	12644	192	50.78	\$248.99*
Intel Core i5-8600K @ 3.60GHz	12766	186	44.81	\$284.89*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8600T @ 2.30GHz	10913	238	29.18	\$373.99*
Intel Core i5-9400F @ 2.90GHz	12467	196	70.84	\$175.99
Intel Core i5-9600K @ 3.70GHz	13441	172	50.73	\$264.99
Intel Core i5-24050S @ 2.50GHz	4928	814	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3750	1044	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1638	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1408	NA	NA
Intel Core i7-620LM @ 2.00GHz	1947	1647	NA	NA
Intel Core i7-620M @ 2.67GHz	2723	1352	24.75	\$110.01
Intel Core i7-620UM @ 1.07GHz	1323	1957	NA	NA
Intel Core i7-640LM @ 2.13GHz	2251	1524	NA	NA
Intel Core i7-640M @ 2.80GHz	2832	1311	14.16	\$199.95
Intel Core i7-640UM @ 1.20GHz	1658	1798	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1743	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1766	NA	NA
Intel Core i7-720QM @ 1.60GHz	3010	1249	27.38	\$109.95
Intel Core i7-740QM @ 1.73GHz	3194	1189	29.05	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3229	1177	23.24	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3405	1128	11.74	\$289.97*
Intel Core i7-860 @ 2.80GHz	5004	798	56.87	\$87.99*
Intel Core i7-860S @ 2.53GHz	4711	847	23.56	\$199.99
Intel Core i7-870 @ 2.93GHz	5335	743	56.17	\$95.00
Intel Core i7-870S @ 2.67GHz	4969	803	NA	NA
Intel Core i7-875K @ 2.93GHz	5431	724	27.16	\$199.99
Intel Core i7-880 @ 3.07GHz	5523	710	9.47	\$583.00*
Intel Core i7-920 @ 2.67GHz	4921	815	28.28	\$174.00
Intel Core i7-920XM @ 2.00GHz	3734	1050	1.11	\$3,375.00*
Intel Core i7-930 @ 2.80GHz	5139	765	39.54	\$129.99
Intel Core i7-940 @ 2.93GHz	5350	738	51.45	\$103.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-940XM @ 2.13GHz	3939	1002	NA	NA
Intel Core i7-950 @ 3.07GHz	5549	705	17.02	\$326.00*
Intel Core i7-960 @ 3.20GHz	5809	673	58.10	\$99.99
Intel Core i7-965 @ 3.20GHz	5856	668	41.83	\$139.99
Intel Core i7-970 @ 3.20GHz	8370	428	15.96	\$524.33
Intel Core i7-975 @ 3.33GHz	6126	641	34.04	\$179.99
Intel Core i7-980 @ 3.33GHz	8652	412	43.27	\$199.98
Intel Core i7-980X @ 3.33GHz	8755	401	39.80	\$219.98
Intel Core i7-985 @ 3.47GHz	6641	591	NA	NA
Intel Core i7-990X @ 3.47GHz	9066	371	25.91	\$349.99
Intel Core i7-995X @ 3.60GHz	9791	309	NA	NA
Intel Core i7-2600 @ 3.40GHz	8189	444	54.97	\$149.00
Intel Core i7-2600K @ 3.40GHz	8432	425	44.39	\$189.98
Intel Core i7-2600S @ 2.80GHz	7078	549	35.40	\$199.99
Intel Core i7-2610UE @ 1.50GHz	2481	1435	NA	NA
Intel Core i7-2617M @ 1.50GHz	2824	1314	NA	NA
Intel Core i7-2620M @ 2.70GHz	3839	1017	22.61	\$169.81
Intel Core i7-2630QM @ 2.00GHz	5527	709	24.04	\$229.95*
Intel Core i7-2630UM @ 1.60GHz	2584	1394	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5456	721	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2637M @ 1.70GHz	2898	1295	NA	NA
Intel Core i7-2640M @ 2.80GHz	3927	1004	15.11	\$259.95*
Intel Core i7-2655LE @ 2.20GHz	3196	1188	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5883	665	42.32	\$139.00
Intel Core i7-2675QM @ 2.20GHz	5533	708	NA	NA
Intel Core i7-2677M @ 1.80GHz	2817	1316	NA	NA
Intel Core i7-2700K @ 3.50GHz	8697	405	44.60	\$195.00
Intel Core i7-2710QE @ 2.10GHz	5768	678	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	734	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6116	643	32.20	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6576	597	41.15	\$159.81*
Intel Core i7-2820QM @ 2.30GHz	6638	592	18.65	\$355.95*
Intel Core i7-2840QM @ 2.40GHz	6766	576	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6991	557	11.65	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7039	553	15.98	\$440.44
Intel Core i7-2960XM @ 2.70GHz	7223	537	17.62	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3589	1083	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3323	1152	NA	NA
Intel Core i7-3520M @ 2.90GHz	4546	880	19.35	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3844	1016	NA	NA
Intel Core i7-3540M @ 3.00GHz	4659	854	10.84	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	996	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	607	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7462	510	18.66	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	585	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6821	571	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	523	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7385	521	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7584	501	31.73	\$239.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3632QM @ 2.20GHz	6935	563	29.14	\$238.05*
Intel Core i7-3635QM @ 2.40GHz	6674	588	NA	NA
Intel Core i7-3667U @ 2.00GHz	3999	984	NA	NA
Intel Core i7-3687U @ 2.10GHz	4190	950	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1182	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8128	450	22.64	\$359.00*
Intel Core i7-3740QM @ 2.70GHz	8334	431	34.73	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9284	352	51.87	\$178.99
Intel Core i7-3770K @ 3.50GHz	9511	328	36.58	\$259.99
Intel Core i7-3770S @ 3.10GHz	8894	389	41.58	\$213.90
Intel Core i7-3770T @ 2.50GHz	8204	441	24.86	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8995	379	44.98	\$199.99
Intel Core i7-3820QM @ 2.70GHz	8427	427	17.30	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8784	398	26.22	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	9156	362	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11981	209	30.03	\$398.98
Intel Core i7-3940XM @ 3.00GHz	9282	354	17.22	\$539.00
Intel Core i7-3960X @ 3.30GHz	12602	194	15.75	\$799.99
Intel Core i7-3970X @ 3.50GHz	12676	190	15.65	\$809.99*
Intel Core i7-4500U @ 1.80GHz	3791	1032	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4510U @ 2.00GHz	3925	1007	NA	NA
Intel Core i7-4550U @ 1.50GHz	3713	1055	NA	NA
Intel Core i7-4558U @ 2.80GHz	4391	912	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	926	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	837	NA	NA
Intel Core i7-4600M @ 2.90GHz	4885	819	NA	NA
Intel Core i7-4600U @ 2.10GHz	4104	968	NA	NA
Intel Core i7-4610M @ 3.00GHz	4950	811	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1046	NA	NA
Intel Core i7-4650U @ 1.70GHz	3968	995	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	540	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7725	488	20.17	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7687	491	40.68	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7430	516	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7126	544	21.14	\$337.04
Intel Core i7-4710HQ @ 2.50GHz	7728	487	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7997	465	29.45	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7512	506	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7207	539	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7997	464	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8063	453	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8219	438	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	416	NA	NA
Intel Core i7-4765T @ 2.00GHz	7309	532	18.27	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9781	311	49.15	\$199.00
Intel Core i7-4770HQ @ 2.20GHz	8948	384	NA	NA
Intel Core i7-4770K @ 3.50GHz	10085	282	38.06	\$265.00
Intel Core i7-4770R @ 3.20GHz	9822	305	NA	NA
Intel Core i7-4770S @ 3.10GHz	9344	348	23.36	\$399.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4770T @ 2.50GHz	8587	417	21.47	\$399.99
Intel Core i7-4770TE @ 2.30GHz	6732	583	NA	NA
Intel Core i7-4771 @ 3.50GHz	9868	301	16.18	\$609.99
Intel Core i7-4785T @ 2.20GHz	7604	500	NA	NA
Intel Core i7-4790 @ 3.60GHz	9984	293	35.79	\$278.99
Intel Core i7-4790K @ 4.00GHz	11175	223	36.40	\$306.99
Intel Core i7-4790S @ 3.20GHz	9575	324	23.94	\$399.98
Intel Core i7-4790T @ 2.70GHz	9082	370	25.30	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8465	422	41.50	\$204.00
Intel Core i7-4810MQ @ 2.80GHz	8647	413	20.35	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9712	318	26.15	\$371.47*
Intel Core i7-4850HQ @ 2.30GHz	9035	375	20.82	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7818	477	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9270	355	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9363	347	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8994	380	15.33	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9405	344	20.45	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13008	180	32.69	\$397.99
Intel Core i7-4930MX @ 3.00GHz	9493	331	8.66	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9908	297	13.96	\$709.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4960HQ @ 2.60GHz	9807	307	15.74	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13800	160	17.92	\$769.99
Intel Core i7-4980HQ @ 2.80GHz	10238	268	NA	NA
Intel Core i7-5500U @ 2.40GHz	3979	991	NA	NA
Intel Core i7-5550U @ 2.00GHz	3686	1064	NA	NA
Intel Core i7-5557U @ 3.10GHz	4952	809	7.03	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4319	930	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	943	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	445	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	435	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8365	429	NA	NA
Intel Core i7-5775C @ 3.30GHz	10984	235	24.41	\$449.99
Intel Core i7-5775R @ 3.30GHz	10857	239	NA	NA
Intel Core i7-5820K @ 3.30GHz	12987	181	33.47	\$388.00
Intel Core i7-5850EQ @ 2.70GHz	9817	306	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	337	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13632	166	27.32	\$498.98
Intel Core i7-5950HQ @ 2.90GHz	10932	237	NA	NA
Intel Core i7-5960X @ 3.00GHz	15951	109	20.72	\$769.99
Intel Core i7-6498DU @ 2.50GHz	4538	886	NA	NA
Intel Core i7-6500U @ 2.50GHz	4429	905	NA	NA
Intel Core i7-6560U @ 2.20GHz	4805	833	NA	NA
Intel Core i7-6567U @ 3.30GHz	5656	695	NA	NA
Intel Core i7-6600U @ 2.60GHz	4805	834	NA	NA
Intel Core i7-6650U @ 2.20GHz	4964	804	NA	NA
Intel Core i7-6700 @ 3.40GHz	10004	292	29.86	\$334.99
Intel Core i7-6700HQ @ 2.60GHz	8133	449	21.52	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11109	226	35.27	\$315.00
Intel Core i7-6700T @ 2.80GHz	9030	377	30.10	\$300.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6700TE @ 2.40GHz	8696	406	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9722	317	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13579	169	32.33	\$419.99
Intel Core i7-6820EQ @ 2.80GHz	8758	400	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9122	367	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8770	399	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	612	NA	NA
Intel Core i7-6850K @ 3.60GHz	14361	145	26.11	\$549.99
Intel Core i7-6900K @ 3.20GHz	17683	75	18.56	\$952.83
Intel Core i7-6920HQ @ 2.90GHz	9599	323	16.90	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19949	49	14.05	\$1,419.90
Intel Core i7-7500U @ 2.70GHz	5161	763	NA	NA
Intel Core i7-7560U @ 2.40GHz	5877	666	NA	NA
Intel Core i7-7567U @ 3.50GHz	6495	603	NA	NA
Intel Core i7-7600U @ 2.80GHz	5081	775	NA	NA
Intel Core i7-7660U @ 2.50GHz	6031	652	NA	NA
Intel Core i7-7700 @ 3.60GHz	10734	244	32.53	\$329.99
Intel Core i7-7700HQ @ 2.80GHz	8821	397	NA	NA
Intel Core i7-7700K @ 4.20GHz	12036	207	28.66	\$419.99
Intel Core i7-7700T @ 2.90GHz	9255	356	25.78	\$359.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7740X @ 4.30GHz	12268	201	31.07	\$394.88
Intel Core i7-7800X @ 3.50GHz	14581	137	42.89	\$339.99
Intel Core i7-7820HK @ 2.90GHz	10007	291	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9317	349	24.65	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18552	67	21.99	\$843.58
Intel Core i7-7900X @ 3.30GHz	20153	46	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9965	295	NA	NA
Intel Core i7-8086K @ 4.00GHz	16685	86	30.18	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3287	1162	8.37	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8309	433	NA	NA
Intel Core i7-8559U @ 2.70GHz	12233	202	NA	NA
Intel Core i7-8565U @ 1.80GHz	9161	361	NA	NA
Intel Core i7-8650U @ 1.90GHz	8842	395	NA	NA
Intel Core i7-8700 @ 3.20GHz	15144	124	36.14	\$419.00
Intel Core i7-8700B @ 3.20GHz	14444	141	47.67	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15970	108	43.16	\$369.99
Intel Core i7-8700T @ 2.40GHz	12689	189	24.93	\$509.00
Intel Core i7-8705G @ 3.10GHz	10017	287	NA	NA
Intel Core i7-8706G @ 3.10GHz	10505	253	NA	NA
Intel Core i7-8709G @ 3.10GHz	9536	326	NA	NA
Intel Core i7-8750H @ 2.20GHz	12478	195	31.59	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11035	232	NA	NA
Intel Core i7-8850H @ 2.60GHz	13182	176	33.37	\$395.00*
Intel Core i7-9700K @ 3.60GHz	17254	80	41.18	\$418.99
Intel Core i7-9800X @ 3.80GHz	19961	48	21.45	\$930.79
Intel Core i9-7900X @ 3.30GHz	21877	31	21.59	\$1,013.38
Intel Core i9-7920X @ 2.90GHz	23345	21	25.94	\$899.99
Intel Core i9-7940X @ 3.10GHz	25394	14	19.17	\$1,325.00
Intel Core i9-7960X @ 2.80GHz	25719	12	18.37	\$1,399.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-7980XE @ 2.60GHz	27888	5	13.82	\$2,018.10
Intel Core i9-8950HK @ 2.90GHz	14414	142	24.72	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21787	33	23.94	\$909.99
Intel Core i9-9900K @ 3.60GHz	20165	45	38.35	\$525.89
Intel Core i9-9900X @ 3.50GHz	22964	23	22.97	\$999.99
Intel Core i9-9920X @ 3.50GHz	25925	10	17.54	\$1,478.33*
Intel Core i9-9940X @ 3.30GHz	27678	7	17.42	\$1,589.00
Intel Core i9-9980XE @ 3.00GHz	29498	1	12.82	\$2,301.00
Intel Core m3-6Y30 @ 0.90GHz	3051	1238	10.86	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3557	1092	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3052	1237	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3461	1118	12.32	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3375	1141	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3252	1168	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3476	1113	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2702	1357	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1468	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2815	1317	10.02	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1310	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2477	1436	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core M-5Y70 @ 1.10GHz	3016	1246	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2988	1258	10.64	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2534	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2527	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2444	NA	NA
Intel Core Solo U1300 @ 1.06GHz	271	2688	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2681	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2602	NA	NA
Intel E3000 @ 3.40GHz	2767	1334	NA	NA
Intel Pentium 4 1.40GHz	164	2788	NA	NA
Intel Pentium 4 1.50GHz	131	2805	NA	NA
Intel Pentium 4 1.60GHz	129	2807	NA	NA
Intel Pentium 4 1.70GHz	132	2804	NA	NA
Intel Pentium 4 1.80GHz	160	2791	NA	NA
Intel Pentium 4 1.90GHz	159	2792	NA	NA
Intel Pentium 4 2.00GHz	189	2770	NA	NA
Intel Pentium 4 2.20GHz	209	2752	NA	NA
Intel Pentium 4 2.26GHz	221	2740	NA	NA
Intel Pentium 4 2.40GHz	228	2733	NA	NA
Intel Pentium 4 2.50GHz	245	2718	NA	NA
Intel Pentium 4 2.53GHz	248	2714	NA	NA
Intel Pentium 4 2.60GHz	288	2660	NA	NA
Intel Pentium 4 2.66GHz	254	2706	NA	NA
Intel Pentium 4 2.80GHz	322	2608	NA	NA
Intel Pentium 4 2.93GHz	299	2642	NA	NA
Intel Pentium 4 3.00GHz	353	2579	NA	NA
Intel Pentium 4 3.06GHz	347	2583	NA	NA
Intel Pentium 4 3.20GHz	374	2550	NA	NA
Intel Pentium 4 3.40GHz	396	2529	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 3.46GHz	487	2424	NA	NA
Intel Pentium 4 3.60GHz	487	2425	NA	NA
Intel Pentium 4 3.73GHz	486	2428	NA	NA
Intel Pentium 4 3.80GHz	485	2430	NA	NA
Intel Pentium 4 3.83GHz	195	2765	NA	NA
Intel Pentium 4 4.00GHz	184	2775	NA	NA
Intel Pentium 4 1300MHz	119	2811	NA	NA
Intel Pentium 4 1400MHz	127	2808	NA	NA
Intel Pentium 4 1500MHz	125	2809	NA	NA
Intel Pentium 4 1600MHz	193	2769	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2795	NA	NA
Intel Pentium 4 1800MHz	162	2790	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2798	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2764	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2781	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2753	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2784	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2751	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2760	NA	NA
Intel Pentium 5 2.66GHz	705	2305	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 957 @ 1.20GHz	1095	2087	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1160	2054	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2061	NA	NA
Intel Pentium 987 @ 1.50GHz	1231	2015	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	1918	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1345	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1245	NA	NA
Intel Pentium 2020M @ 2.40GHz	2274	1515	16.97	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2417	1453	18.04	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1658	1799	12.38	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1820	1715	13.58	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2112	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2289	1501	NA	NA
Intel Pentium 3556U @ 1.70GHz	1700	1773	NA	NA
Intel Pentium 3558U @ 1.70GHz	1681	1781	NA	NA
Intel Pentium 3560M @ 2.40GHz	2270	1518	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1994	NA	NA
Intel Pentium 3805U @ 1.90GHz	1981	1633	NA	NA
Intel Pentium 3825U @ 1.90GHz	2522	1418	NA	NA
Intel Pentium 4405U @ 2.10GHz	2923	1282	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1600	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2047	1604	12.72	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3141	1210	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2212	1538	13.74	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1826	NA	NA
Intel Pentium B940 @ 2.00GHz	1729	1752	57.77	\$29.94*
Intel Pentium B950 @ 2.10GHz	1716	1759	NA	NA
Intel Pentium B960 @ 2.20GHz	1853	1696	37.84	\$48.99*
Intel Pentium B970 @ 2.30GHz	1959	1644	38.44	\$50.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium B980 @ 2.40GHz	2034	1610	29.08	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1029	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	532	2392	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2336	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2365	NA	NA
Intel Pentium D 940 @ 3.20GHz	710	2303	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2288	NA	NA
Intel Pentium D 960 @ 3.60GHz	817	2252	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2226	5.50	\$157.95
Intel Pentium E2160 @ 1.80GHz	997	2147	77.05	\$12.95
Intel Pentium E2180 @ 2.00GHz	1088	2093	54.46	\$19.99
Intel Pentium E2200 @ 2.20GHz	1203	2028	16.05	\$75.00
Intel Pentium E2210 @ 2.20GHz	1174	2044	NA	NA
Intel Pentium E2220 @ 2.40GHz	1328	1953	8.41	\$157.95
Intel Pentium E5200 @ 2.50GHz	1486	1882	16.53	\$89.95
Intel Pentium E5300 @ 2.60GHz	1539	1854	77.17	\$19.95
Intel Pentium E5400 @ 2.70GHz	1597	1834	79.92	\$19.99
Intel Pentium E5500 @ 2.80GHz	1640	1807	82.07	\$19.99
Intel Pentium E5700 @ 3.00GHz	1737	1749	11.00	\$157.95
Intel Pentium E5800 @ 3.20GHz	1893	1676	63.12	\$29.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E6300 @ 2.80GHz	1710	1764	14.65	\$116.74
Intel Pentium E6500 @ 2.93GHz	1762	1732	11.16	\$157.95
Intel Pentium E6600 @ 3.06GHz	1866	1691	18.66	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1938	1652	114.10	\$16.99
Intel Pentium E6800 @ 3.33GHz	1984	1631	39.70	\$49.99
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2211	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2167	NA	NA
Intel Pentium G620 @ 2.60GHz	2291	1500	91.69	\$24.99
Intel Pentium G620T @ 2.20GHz	2028	1611	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2374	1472	95.01	\$24.99
Intel Pentium G630T @ 2.30GHz	2089	1587	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2525	1414	101.08	\$24.99
Intel Pentium G640T @ 2.40GHz	1979	1634	NA	NA
Intel Pentium G645 @ 2.90GHz	2588	1392	27.25	\$95.00*
Intel Pentium G645T @ 2.50GHz	2288	1502	NA	NA
Intel Pentium G840 @ 2.80GHz	2561	1404	73.22	\$34.99
Intel Pentium G850 @ 2.90GHz	2664	1369	88.85	\$29.99
Intel Pentium G860 @ 3.00GHz	2740	1346	91.38	\$29.99
Intel Pentium G870 @ 3.10GHz	2814	1319	29.01	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2594	1389	74.38	\$34.89
Intel Pentium G2020 @ 2.90GHz	2757	1341	45.96	\$59.99
Intel Pentium G2020T @ 2.50GHz	2469	1439	51.87	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2869	1303	70.01	\$40.99
Intel Pentium G2030T @ 2.60GHz	2513	1424	39.27	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1337	NA	NA
Intel Pentium G2120 @ 3.10GHz	3081	1228	67.01	\$45.99
Intel Pentium G2130 @ 3.20GHz	3205	1185	64.12	\$49.99
Intel Pentium G2140 @ 3.30GHz	3384	1138	67.71	\$49.99
Intel Pentium G3220 @ 3.00GHz	3131	1213	26.11	\$119.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3220T @ 2.60GHz	2568	1401	36.70	\$69.99
Intel Pentium G3240 @ 3.10GHz	3159	1205	39.50	\$79.99
Intel Pentium G3240T @ 2.70GHz	2874	1302	NA	NA
Intel Pentium G3250 @ 3.20GHz	3251	1170	29.57	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2971	1265	33.02	\$89.99
Intel Pentium G3258 @ 3.20GHz	3881	1009	20.61	\$188.28
Intel Pentium G3260 @ 3.30GHz	3357	1145	31.98	\$104.99
Intel Pentium G3260T @ 2.90GHz	2930	1277	32.56	\$89.99
Intel Pentium G3320TE @ 2.30GHz	2389	1466	NA	NA
Intel Pentium G3420 @ 3.20GHz	3397	1133	37.76	\$89.99
Intel Pentium G3420T @ 2.70GHz	3008	1250	18.80	\$159.99
Intel Pentium G3430 @ 3.30GHz	3395	1135	37.74	\$89.99
Intel Pentium G3440 @ 3.30GHz	3314	1154	20.72	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1221	NA	NA
Intel Pentium G3450 @ 3.40GHz	3700	1058	37.01	\$99.99
Intel Pentium G3450T @ 2.90GHz	2967	1266	NA	NA
Intel Pentium G3460 @ 3.50GHz	3588	1084	12.45	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3717	1052	35.65	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3553	1093	31.65	\$112.29
Intel Pentium G4400T @ 2.90GHz	3221	1181	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G4400TE @ 2.40GHz	2885	1300	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3799	1031	37.84	\$100.41
Intel Pentium G4500T @ 3.00GHz	3471	1115	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	953	41.44	\$100.99
Intel Pentium G4560 @ 3.50GHz	4868	821	48.35	\$100.69
Intel Pentium G4560T @ 2.90GHz	3983	989	36.22	\$109.99
Intel Pentium G4600 @ 3.60GHz	5084	772	33.90	\$149.99
Intel Pentium G4600T @ 3.00GHz	4266	935	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5209	754	45.83	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1859	1693	46.49	\$39.99
Intel Pentium G6951 @ 2.80GHz	2135	1564	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2083	1592	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5208	755	25.76	\$202.22
Intel Pentium Gold G5400T @ 3.10GHz	5048	787	78.89	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5214	753	29.13	\$178.99*
Intel Pentium Gold G5500T @ 3.20GHz	4218	946	56.24	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5683	688	37.41	\$151.91
Intel Pentium III 933S @ 933MHz	238	2727	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2665	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2680	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2624	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2645	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2641	NA	NA
Intel Pentium III Mobile 750MHz	103	2814	NA	NA
Intel Pentium III Mobile 800MHz	182	2778	NA	NA
Intel Pentium III Mobile 866MHz	152	2796	NA	NA
Intel Pentium III Mobile 933MHz	218	2742	7.55	\$28.99
Intel Pentium III Mobile 1000MHz	245	2717	NA	NA
Intel Pentium III Mobile 1066MHz	246	2716	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III Mobile 1133MHz	251	2710	NA	NA
Intel Pentium III Mobile 1200MHz	240	2724	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1705	NA	NA
Intel Pentium J2900 @ 2.41GHz	1963	1641	NA	NA
Intel Pentium J3710 @ 1.60GHz	1923	1660	NA	NA
Intel Pentium J4205 @ 1.50GHz	2302	1497	NA	NA
Intel Pentium M 1.10GHz	282	2671	NA	NA
Intel Pentium M 1.20GHz	298	2643	NA	NA
Intel Pentium M 1.30GHz	301	2635	NA	NA
Intel Pentium M 1.40GHz	345	2587	NA	NA
Intel Pentium M 1.50GHz	366	2564	NA	NA
Intel Pentium M 1.60GHz	365	2568	NA	NA
Intel Pentium M 1.70GHz	406	2512	NA	NA
Intel Pentium M 1.73GHz	413	2502	NA	NA
Intel Pentium M 1.80GHz	411	2504	NA	NA
Intel Pentium M 1.86GHz	438	2479	NA	NA
Intel Pentium M 2.00GHz	462	2452	NA	NA
Intel Pentium M 2.10GHz	448	2467	NA	NA
Intel Pentium M 2.13GHz	504	2413	NA	NA
Intel Pentium M 2.26GHz	509	2410	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 756 @ 1.66GHz	484	2435	NA	NA
Intel Pentium M 900MHz	217	2745	NA	NA
Intel Pentium M 1000MHz	233	2730	NA	NA
Intel Pentium M 1100MHz	259	2701	NA	NA
Intel Pentium M 1200MHz	237	2728	NA	NA
Intel Pentium M 1300MHz	303	2630	NA	NA
Intel Pentium M 1400MHz	321	2609	NA	NA
Intel Pentium M 1500MHz	354	2576	NA	NA
Intel Pentium M 1600MHz	332	2600	NA	NA
Intel Pentium M 1700MHz	376	2549	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1865	NA	NA
Intel Pentium N3520 @ 2.16GHz	1792	1722	NA	NA
Intel Pentium N3530 @ 2.16GHz	1894	1675	NA	NA
Intel Pentium N3540 @ 2.16GHz	1927	1656	7.68	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1833	1709	4.12	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1859	1692	NA	NA
Intel Pentium N4200 @ 1.10GHz	2026	1612	9.08	\$223.22
Intel Pentium P6000 @ 1.87GHz	1245	2009	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	1955	110.50	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1348	1945	30.01	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1927	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2904	1289	13.21	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2415	1454	15.00	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2513	NA	NA
Intel Pentium SU4100 @ 1.30GHz	858	2231	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2241	NA	NA
Intel Pentium T2060 @ 1.60GHz	662	2324	NA	NA
Intel Pentium T2080 @ 1.73GHz	704	2307	4.40	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2302	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2310 @ 1.46GHz	733	2290	NA	NA
Intel Pentium T2330 @ 1.60GHz	830	2247	NA	NA
Intel Pentium T2370 @ 1.73GHz	843	2240	24.10	\$35.00*
Intel Pentium T2390 @ 1.86GHz	945	2188	NA	NA
Intel Pentium T2410 @ 2.00GHz	978	2160	NA	NA
Intel Pentium T3200 @ 2.00GHz	1030	2123	85.91	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1111	2075	12.35	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1149	2059	95.82	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1233	2014	NA	NA
Intel Pentium T4400 @ 2.20GHz	1283	1983	NA	NA
Intel Pentium T4500 @ 2.30GHz	1335	1951	NA	NA
Intel Pentium U5400 @ 1.20GHz	813	2257	NA	NA
Intel Pentium U5600 @ 1.33GHz	943	2190	NA	NA
Intel T1200 @ 1.50GHz	435	2485	NA	NA
Intel T1400 @ 1.73GHz	929	2197	NA	NA
Intel T1500 @ 1.86GHz	953	2181	NA	NA
Intel T2050 @ 2.00GHz	959	2177	NA	NA
Intel Xeon 2.00GHz	233	2729	NA	NA
Intel XEON 2.20GHz	252	2708	NA	NA
Intel Xeon 2.40GHz	276	2683	30.35	\$9.10*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 2.66GHz	435	2484	NA	NA
Intel Xeon 2.80GHz	400	2524	NA	NA
Intel Xeon 3.00GHz	391	2537	NA	NA
Intel Xeon 3.06GHz	491	2420	NA	NA
Intel Xeon 3.20GHz	461	2455	NA	NA
Intel Xeon 3.40GHz	478	2438	NA	NA
Intel Xeon 3.60GHz	509	2409	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2119	NA	NA
Intel Xeon 3.80GHz	604	2354	0.71	\$851.00*
Intel Xeon 1500MHz	193	2768	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1981	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	1966	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1866	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1862	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1727	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1703	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1845	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2103	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	2005	0.76	\$1,639.97
Intel Xeon 5130 @ 2.00GHz	1369	1931	43.53	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1832	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1808	34.89	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1838	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1753	1738	16.86	\$103.99*
Intel Xeon 5160 @ 3.00GHz	1964	1640	153.21	\$12.82*
Intel Xeon @ 2.20GHz	1902	1670	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5664	692	24.84	\$227.99
Intel Xeon D-1518 @ 2.20GHz	5322	744	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	680	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1521 @ 2.40GHz	6980	559	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	439	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	316	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	485	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	249	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11069	230	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	456	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	140	NA	NA
Intel Xeon D-1587 @ 1.70GHz	13950	154	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	447	38.22	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	183	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	159	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18627	64	10.56	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6101	644	32.11	\$190.00
Intel Xeon E3-1220 V2 @ 3.10GHz	6689	587	20.33	\$329.11
Intel Xeon E3-1220 v3 @ 3.10GHz	7113	546	29.42	\$241.80
Intel Xeon E3-1220 v5 @ 3.00GHz	7740	484	29.69	\$260.67
Intel Xeon E3-1220 v6 @ 3.00GHz	7859	471	34.32	\$229.00
Intel Xeon E3-1220L @ 2.20GHz	3563	1090	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	907	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1579	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5911	663	33.78	\$175.00*
Intel Xeon E3-1225 V2 @ 3.20GHz	6886	567	13.64	\$504.97
Intel Xeon E3-1225 v3 @ 3.20GHz	7222	538	15.76	\$458.34*
Intel Xeon E3-1225 v5 @ 3.30GHz	7820	476	29.18	\$268.04*
Intel Xeon E3-1225 v6 @ 3.30GHz	8136	448	34.33	\$236.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7538	503	22.50	\$335.07
Intel Xeon E3-1230 @ 3.20GHz	7848	474	43.36	\$181.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8855	393	25.15	\$352.10
Intel Xeon E3-1230 v3 @ 3.30GHz	9316	350	35.61	\$261.66*
Intel Xeon E3-1230 v5 @ 3.40GHz	9779	312	23.74	\$411.99*
Intel Xeon E3-1230 v6 @ 3.50GHz	9851	303	37.89	\$259.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	536	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9629	321	17.20	\$559.95
Intel Xeon E3-1235 @ 3.20GHz	7680	492	31.48	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	606	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7958	466	32.62	\$244.00
Intel Xeon E3-1240 V2 @ 3.40GHz	9143	363	16.93	\$539.95
Intel Xeon E3-1240 v3 @ 3.40GHz	9662	320	25.14	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10393	257	30.42	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10349	263	35.23	\$293.78
Intel Xeon E3-1240L v3 @ 2.00GHz	7513	505	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	481	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10016	288	24.78	\$404.25
Intel Xeon E3-1245 @ 3.30GHz	7999	463	30.77	\$260.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9124	366	15.02	\$607.59
Intel Xeon E3-1245 v3 @ 3.40GHz	9569	325	30.97	\$309.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10182	272	29.49	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10553	250	32.27	\$326.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1246 v3 @ 3.50GHz	9853	302	24.09	\$409.00
Intel Xeon E3-1260L @ 2.40GHz	6534	600	76.32	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	269	20.69	\$494.00
Intel Xeon E3-1265L @ 2.40GHz	6038	651	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7353	522	51.64	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	9210	359	12.97	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	372	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	473	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	407	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8238	436	25.99	\$317.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9466	336	33.54	\$282.22
Intel Xeon E3-1270 v3 @ 3.50GHz	9904	298	26.77	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10296	266	27.53	\$374.00
Intel Xeon E3-1270 v6 @ 3.80GHz	11135	224	31.82	\$349.99
Intel Xeon E3-1270L v4 @ 3.00GHz	10697	246	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10089	281	11.36	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8328	432	27.40	\$304.00*
Intel Xeon E3-1275 V2 @ 3.50GHz	9447	341	23.93	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	9901	299	24.69	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10358	261	18.73	\$553.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1275 v6 @ 3.80GHz	11110	225	30.54	\$363.76
Intel Xeon E3-1275L v3 @ 2.70GHz	8906	388	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10177	273	9.49	\$1,073.00
Intel Xeon E3-1280 @ 3.50GHz	8465	421	23.01	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9448	339	11.00	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9775	314	14.02	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	247	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	219	20.23	\$562.00*
Intel Xeon E3-1281 v3 @ 3.70GHz	10349	262	11.79	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10359	260	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	252	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	211	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	294	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	11048	231	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	300	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	329	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	404	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	319	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	619	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8927	387	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9845	304	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10093	280	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9313	351	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10598	248	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10449	255	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10755	241	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10743	243	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	276	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	530	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	515	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5575	702	21.23	\$262.59*
Intel Xeon E5-1603 v3 @ 2.80GHz	6188	632	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6432	608	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5875	667	267.17	\$21.99*
Intel Xeon E5-1607 v2 @ 3.00GHz	6228	628	19.90	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6956	561	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	534	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9051	373	27.43	\$329.93*
Intel Xeon E5-1620 v2 @ 3.70GHz	9467	335	135.27	\$69.99*
Intel Xeon E5-1620 v3 @ 3.50GHz	9767	315	61.05	\$159.99
Intel Xeon E5-1620 v4 @ 3.50GHz	9921	296	31.50	\$314.99
Intel Xeon E5-1630 v3 @ 3.70GHz	10261	267	17.16	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10321	264	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11720	215	66.98	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12731	187	105.43	\$120.76
Intel Xeon E5-1650 v3 @ 3.50GHz	13620	168	20.64	\$660.00
Intel Xeon E5-1650 v4 @ 3.60GHz	14239	147	22.60	\$629.99*
Intel Xeon E5-1660 @ 3.30GHz	12361	198	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13758	161	7.61	\$1,808.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1660 v3 @ 3.00GHz	14565	138	9.01	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16192	100	13.17	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16167	102	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16431	91	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	81	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	71	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1102	10.37	\$339.97
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1126	18.09	\$189.00*
Intel Xeon E5-2407 @ 2.20GHz	4027	978	12.02	\$335.04
Intel Xeon E5-2407 v2 @ 2.40GHz	4498	892	9.44	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	757	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	552	18.06	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8632	414	41.30	\$209.00*
Intel Xeon E5-2430 @ 2.20GHz	6878	568	26.46	\$259.99
Intel Xeon E5-2430 v2 @ 2.50GHz	8833	396	88.34	\$100.00
Intel Xeon E5-2430L @ 2.00GHz	7269	533	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	593	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	360	183.72	\$49.96
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	342	18.48	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	382	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	271	27.61	\$369.00*
Intel Xeon E5-2450L @ 1.80GHz	8261	434	103.28	\$79.99*
Intel Xeon E5-2470 @ 2.30GHz	10061	285	31.77	\$316.72*
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	184	25.22	\$509.00
Intel Xeon E5-2603 @ 1.80GHz	3580	1087	16.61	\$215.55*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1039	127.15	\$29.62*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	762	25.90	\$199.99
Intel Xeon E5-2603 v4 @ 1.70GHz	5451	722	23.70	\$229.99*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	472	17.82	\$441.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2609 @ 2.40GHz	4616	865	67.29	\$68.60
Intel Xeon E5-2609 v2 @ 2.50GHz	5149	764	35.02	\$147.03
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	659	14.89	\$399.00
Intel Xeon E5-2609 v4 @ 1.70GHz	6890	566	19.15	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	205	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	136	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7911	468	88.87	\$89.02
Intel Xeon E5-2620 v2 @ 2.10GHz	8688	408	197.96	\$43.89
Intel Xeon E5-2620 v3 @ 2.40GHz	10015	289	27.14	\$369.00
Intel Xeon E5-2620 v4 @ 2.10GHz	11368	220	25.71	\$442.23
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	385	22.07	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8457	423	15.40	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	345	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	210	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	178	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	233	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8860	392	87.18	\$101.63
Intel Xeon E5-2630 v2 @ 2.60GHz	10371	259	157.34	\$65.92
Intel Xeon E5-2630 v3 @ 2.40GHz	12799	185	25.15	\$509.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13904	157	21.07	\$660.00



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2630L @ 2.00GHz	7865	470	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	369	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9476	334	12.60	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	182	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9447	340	15.54	\$607.99*
Intel Xeon E5-2637 v3 @ 3.50GHz	10144	274	7.83	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	254	9.75	\$1,073.78*
Intel Xeon E5-2640 @ 2.50GHz	9477	333	273.43	\$34.66
Intel Xeon E5-2640 v2 @ 2.00GHz	10143	275	70.93	\$143.00
Intel Xeon E5-2640 v3 @ 2.60GHz	13924	155	11.71	\$1,188.74*
Intel Xeon E5-2640 v4 @ 2.40GHz	15329	121	16.40	\$934.59*
Intel Xeon E5-2643 @ 3.30GHz	8436	424	3.79	\$2,226.00*
Intel Xeon E5-2643 v2 @ 3.50GHz	13030	179	78.81	\$165.34
Intel Xeon E5-2643 v3 @ 3.40GHz	13844	158	5.52	\$2,509.95
Intel Xeon E5-2643 v4 @ 3.40GHz	13655	163	8.33	\$1,638.35
Intel Xeon E5-2648L @ 1.80GHz	7426	517	NA	NA
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	218	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	164	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	132	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10104	279	93.56	\$108.00
Intel Xeon E5-2650 v2 @ 2.60GHz	13146	177	52.80	\$249.00
Intel Xeon E5-2650 v3 @ 2.30GHz	14848	131	41.25	\$359.99*
Intel Xeon E5-2650 v4 @ 2.20GHz	15852	113	12.39	\$1,279.07*
Intel Xeon E5-2650L @ 1.80GHz	8676	409	109.83	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9777	313	65.61	\$149.02
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	171	9.66	\$1,399.00
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	151	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	222	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	332	6.49	\$1,462.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	149	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	98	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	85	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11098	228	108.81	\$102.00
Intel Xeon E5-2660 v2 @ 2.20GHz	13274	174	70.23	\$189.00
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	101	12.21	\$1,325.00
Intel Xeon E5-2660 v4 @ 2.00GHz	16952	83	9.63	\$1,760.00*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	153	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11566	217	77.97	\$148.34*
Intel Xeon E5-2667 @ 2.90GHz	10400	256	160.13	\$64.95
Intel Xeon E5-2667 v2 @ 3.30GHz	16206	99	21.23	\$763.56
Intel Xeon E5-2667 v3 @ 3.20GHz	16119	103	6.09	\$2,649.00
Intel Xeon E5-2667 v4 @ 3.20GHz	16447	90	7.46	\$2,205.57
Intel Xeon E5-2670 @ 2.60GHz	12130	206	70.99	\$170.87
Intel Xeon E5-2670 v2 @ 2.50GHz	14995	130	85.21	\$175.99
Intel Xeon E5-2670 v3 @ 2.30GHz	16303	97	15.42	\$1,057.29
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	95	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16664	87	23.81	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	36	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15073	125	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	76	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	84	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	15	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12645	191	113.06	\$111.84
Intel Xeon E5-2680 v2 @ 2.80GHz	15899	110	83.68	\$189.99
Intel Xeon E5-2680 v3 @ 2.50GHz	18585	65	26.59	\$699.00
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	51	11.28	\$1,762.90*
Intel Xeon E5-2682 v4 @ 2.50GHz	21066	42	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17405	77	8.77	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	62	9.12	\$2,087.48*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	129	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	61	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	53	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14381	143	34.66	\$415.00*
Intel Xeon E5-2687W v2 @ 3.40GHz	16474	89	7.82	\$2,105.59*
Intel Xeon E5-2687W v3 @ 3.10GHz	17730	74	5.89	\$3,008.95
Intel Xeon E5-2687W v4 @ 3.00GHz	19864	52	8.61	\$2,307.31*
Intel Xeon E5-2689 @ 2.60GHz	13427	173	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19931	50	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13651	165	85.86	\$159.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16428	92	60.31	\$272.40
Intel Xeon E5-2690 v3 @ 2.60GHz	19285	59	8.70	\$2,215.86*
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	38	9.07	\$2,350.88*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	105	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15768	115	8.86	\$1,779.95*
Intel Xeon E5-2695 v3 @ 2.30GHz	20081	47	9.99	\$2,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	44	7.70	\$2,631.35
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	88	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	24	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	21088	40	7.01	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17294	78	8.76	\$1,974.91
Intel Xeon E5-2697 v3 @ 2.60GHz	21368	37	29.07	\$735.00
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	35	7.05	\$3,055.00
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	25	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21133	39	6.17	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	32	6.77	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	26	4.97	\$4,505.95*
Intel Xeon E5-2699 v4 @ 2.20GHz	23200	22	5.15	\$4,504.50
Intel Xeon E5-4603 @ 2.00GHz	5014	796	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	357	NA	NA
Intel Xeon E5-4617 @ 2.90GHz	9029	378	100.44	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	451	43.00	\$189.00*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	139	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	117	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	251	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	188	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	229	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11860	213	124.21	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	214	1.36	\$8,684.50*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	199	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	112	5.30	\$3,000.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15556	116	3.24	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	167	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1216	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2167	1554	94.26	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1450	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1529	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1915	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1451	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1519	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1504	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1423	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2923	1281	73.12	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2850	1307	48.31	\$59.00*
Intel Xeon E5410 @ 2.33GHz	3256	1166	55.19	\$59.00
Intel Xeon E5420 @ 2.50GHz	3499	1106	13.46	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3770	1037	54.65	\$69.00*
Intel Xeon E5440 @ 2.83GHz	3976	993	209.82	\$18.95
Intel Xeon E5450 @ 3.00GHz	4188	951	14.01	\$298.94
Intel Xeon E5462 @ 2.80GHz	3870	1011	141.78	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4116	966	137.02	\$30.04
Intel Xeon E5502 @ 1.87GHz	1378	1928	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1917	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2687	1360	38.43	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2975	1263	196.17	\$15.17*
Intel Xeon E5507 @ 2.27GHz	3137	1211	6.87	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4435	902	201.71	\$21.99
Intel Xeon E5530 @ 2.40GHz	4564	875	217.44	\$20.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5540 @ 2.53GHz	4807	831	106.84	\$45.00
Intel Xeon E5603 @ 1.60GHz	2366	1478	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3050	1239	13.93	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3387	1137	15.47	\$219.00*
Intel Xeon E5620 @ 2.40GHz	4810	830	352.43	\$13.65
Intel Xeon E5630 @ 2.53GHz	5088	771	28.27	\$179.95*
Intel Xeon E5640 @ 2.67GHz	5256	750	88.36	\$59.49*
Intel Xeon E5645 @ 2.40GHz	6431	609	24.74	\$259.95*
Intel Xeon E5649 @ 2.53GHz	6936	562	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1455	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	475	40.54	\$193.00*
Intel Xeon E-2124G @ 3.40GHz	9793	308	45.98	\$213.00*
Intel Xeon E-2126G @ 3.30GHz	14051	152	55.10	\$255.00*
Intel Xeon E-2134 @ 3.50GHz	10310	265	40.28	\$256.00*
Intel Xeon E-2136 @ 3.30GHz	16087	104	56.64	\$284.00*
Intel Xeon E-2144G @ 3.60GHz	10375	258	NA	NA
Intel Xeon E-2146G @ 3.50GHz	15991	107	51.42	\$311.00*
Intel Xeon E-2174G @ 3.80GHz	12188	204	29.92	\$407.38
Intel Xeon E-2176G @ 3.70GHz	15022	127	41.50	\$362.00*
Intel Xeon E-2176M @ 2.70GHz	13919	156	30.93	\$450.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2186G @ 3.80GHz	15406	118	34.24	\$450.00*
Intel Xeon E-2186M @ 2.90GHz	14632	135	23.49	\$623.00*
Intel Xeon Gold 5118 @ 2.30GHz	16389	93	11.95	\$1,371.05*
Intel Xeon Gold 5120 @ 2.20GHz	16308	96	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	72	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	11104	227	8.54	\$1,299.99
Intel Xeon Gold 6126 @ 2.60GHz	19711	54	10.34	\$1,906.28
Intel Xeon Gold 6128 @ 3.40GHz	15031	126	8.16	\$1,842.27*
Intel Xeon Gold 6130 @ 2.10GHz	19277	60	9.89	\$1,949.99
Intel Xeon Gold 6132 @ 2.60GHz	23907	20	10.88	\$2,198.00*
Intel Xeon Gold 6134 @ 3.20GHz	18083	73	7.94	\$2,279.00
Intel Xeon Gold 6136 @ 3.00GHz	21079	41	7.87	\$2,677.82*
Intel Xeon Gold 6138 @ 2.00GHz	25416	13	9.56	\$2,659.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	19	9.25	\$2,589.99*
Intel Xeon Gold 6144 @ 3.50GHz	19654	55	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	16	6.87	\$3,658.34*
Intel Xeon Gold 6148 @ 2.40GHz	26660	8	9.08	\$2,935.00*
Intel Xeon Gold 6154 @ 3.00GHz	27722	6	7.22	\$3,839.78*
Intel Xeon L3110 @ 3.00GHz	2273	1516	NA	NA
Intel Xeon L3360 @ 2.83GHz	3864	1013	43.31	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1949	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	1018	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1713	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1517	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1512	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1563	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1342	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3037	1242	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1142	33.67	\$100.08*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5420 @ 2.50GHz	3504	1105	127.43	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3716	1053	23.53	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1054	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	914	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	920	225.95	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4369	916	252.11	\$17.33*
Intel Xeon L5638 @ 2.00GHz	5556	704	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	570	NA	NA
Intel Xeon L5640 @ 2.27GHz	6344	621	211.71	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1019	NA	NA
Intel Xeon MV 3.20GHz	683	2318	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26652	9	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	28683	3	4.87	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	2	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	4	NA	NA
Intel Xeon Silver 4108 @ 1.80GHz	10797	240	23.60	\$457.51*
Intel Xeon Silver 4109T @ 2.00GHz	10946	236	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	12020	208	22.14	\$542.99
Intel Xeon Silver 4112 @ 2.60GHz	8611	415	16.56	\$519.96*
Intel Xeon Silver 4114 @ 2.20GHz	14304	146	19.79	\$722.89

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Silver 4116 @ 2.10GHz	15320	122	13.67	\$1,121.16*
Intel Xeon Silver 4123 @ 3.00GHz	15185	123	NA	NA
Intel Xeon W3503 @ 2.40GHz	1754	1737	108.17	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1856	1694	NA	NA
Intel Xeon W3520 @ 2.67GHz	5057	783	175.91	\$28.75*
Intel Xeon W3530 @ 2.80GHz	5359	735	18.23	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	713	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5694	686	94.99	\$59.95*
Intel Xeon W3565 @ 3.20GHz	5943	658	84.97	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6076	648	12.66	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6404	615	29.86	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8150	446	16.30	\$499.99*
Intel Xeon W3680 @ 3.33GHz	9039	374	11.89	\$759.95
Intel Xeon W3690 @ 3.47GHz	9140	364	9.14	\$1,000.00*
Intel Xeon W5580 @ 3.20GHz	5836	672	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	633	2.46	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	7030	554	20.09	\$349.99
Intel Xeon W-2104 @ 3.20GHz	7439	513	29.17	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10724	245	31.66	\$338.80
Intel Xeon W-2125 @ 4.00GHz	12377	197	24.60	\$503.10*
Intel Xeon W-2133 @ 3.60GHz	14107	150	22.87	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16326	94	17.57	\$929.42
Intel Xeon W-2140B @ 3.20GHz	18573	66	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19654	56	12.40	\$1,585.59
Intel Xeon W-2150B @ 3.00GHz	21543	34	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21921	29	14.32	\$1,530.39*
Intel Xeon W-2195 @ 2.30GHz	24983	17	8.93	\$2,797.72
Intel Xeon X3210 @ 2.13GHz	2739	1347	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1225	14.71	\$209.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3230 @ 2.66GHz	3398	1132	9.44	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3309	1158	14.42	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3167	1198	163.59	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3379	1140	16.09	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1025	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1015	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3954	998	25.04	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3994	985	117.18	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	933	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	853	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3357	1146	159.49	\$21.05*
Intel Xeon X3440 @ 2.53GHz	4541	882	20.19	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4777	838	59.76	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5068	781	14.20	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5122	767	10.04	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	693	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1440	17.63	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2553	1407	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1465	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3181	1193	77.61	\$41.00*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5365 @ 3.00GHz	3491	1107	35.09	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4115	967	82.33	\$49.99
Intel Xeon X5460 @ 3.16GHz	4330	925	43.40	\$99.78*
Intel Xeon X5470 @ 3.33GHz	4590	873	24.29	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4000	983	17.78	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4539	885	45.39	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	824	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5387	730	311.96	\$17.27*
Intel Xeon X5560 @ 2.80GHz	5399	729	93.17	\$57.95*
Intel Xeon X5570 @ 2.93GHz	5679	689	63.81	\$89.00*
Intel Xeon X5647 @ 2.93GHz	5980	654	29.94	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7401	520	291.07	\$25.43
Intel Xeon X5660 @ 2.80GHz	7610	499	84.28	\$90.30*
Intel Xeon X5667 @ 3.07GHz	6291	625	79.63	\$79.00
Intel Xeon X5670 @ 2.93GHz	7908	469	197.72	\$40.00
Intel Xeon X5672 @ 3.20GHz	6419	613	22.63	\$283.72*
Intel Xeon X5675 @ 3.07GHz	8207	440	102.61	\$79.99
Intel Xeon X5677 @ 3.47GHz	6982	558	66.50	\$105.00*
Intel Xeon X5679 @ 3.20GHz	8845	394	NA	NA
Intel Xeon X5680 @ 3.33GHz	8543	418	85.44	\$100.00
Intel Xeon X5687 @ 3.60GHz	7081	548	64.97	\$109.00
Intel Xeon X5690 @ 3.47GHz	8889	390	63.96	\$139.00
Intel Xeon X5698 @ 4.40GHz	4272	934	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1262	NA	NA
Mobile AMD Athlon 4	314	2619	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2573	NA	NA
Mobile AMD Athlon 64 2700+	398	2525	NA	NA
Mobile AMD Athlon 64 2800+	440	2475	NA	NA
Mobile AMD Athlon 64 3000+	450	2464	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 3200+	448	2468	NA	NA
Mobile AMD Athlon 64 3400+	511	2408	NA	NA
Mobile AMD Athlon 64 3700+	435	2486	NA	NA
Mobile AMD Athlon 64 4000+	576	2368	NA	NA
Mobile AMD Athlon 1400+	266	2694	NA	NA
Mobile AMD Athlon 2500+	370	2558	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2695	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2547	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2649	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2418	NA	NA
Mobile AMD Athlon XP	572	2372	45.81	\$12.49*
Mobile AMD Athlon XP-M	512	2407	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2776	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2698	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2702	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2606	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2644	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2591	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2637	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2569	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 2400+	346	2586	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2584	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2557	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2566	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2565	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2477	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2426	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2411	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2656	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2648	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2596	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2555	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2441	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2412	NA	NA
Mobile AMD Sempron 2100+	252	2709	NA	NA
Mobile AMD Sempron 2600+	394	2532	NA	NA
Mobile AMD Sempron 2800+	361	2571	NA	NA
Mobile AMD Sempron 3000+	389	2541	NA	NA
Mobile AMD Sempron 3100+	416	2499	NA	NA
Mobile AMD Sempron 3200+	354	2577	NA	NA
Mobile AMD Sempron 3300+	445	2471	NA	NA
Mobile AMD Sempron 3400+	440	2476	NA	NA
Mobile AMD Sempron 3500+	408	2510	NA	NA
Mobile AMD Sempron 3600+	427	2494	NA	NA
Mobile AMD Sempron 3800+	485	2431	NA	NA
Mobile Intel Celeron 1.20GHz	170	2787	NA	NA
Mobile Intel Celeron 1.50GHz	188	2771	NA	NA
Mobile Intel Celeron 1.60GHz	188	2772	NA	NA
Mobile Intel Celeron 1.70GHz	181	2780	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Celeron 1.80GHz	186	2774	NA	NA
Mobile Intel Celeron 2.00GHz	204	2756	NA	NA
Mobile Intel Celeron 2.20GHz	226	2736	NA	NA
Mobile Intel Celeron 2.40GHz	239	2725	NA	NA
Mobile Intel Celeron 2.50GHz	281	2674	NA	NA
Mobile Intel Celeron 1200MHz	294	2650	NA	NA
Mobile Intel Celeron 1333MHz	280	2677	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2682	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2697	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2679	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2616	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2594	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2574	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2478	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2439	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2766	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2786	0.55	\$317.59
Mobile Intel Pentium 4 - M 1.80GHz	175	2783	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2731	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2761	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 2.20GHz	198	2763	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2747	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2704	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2620	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2750	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2762	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2713	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2654	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2737	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2655	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1428	NA	NA
Quad-Core AMD Opteron 1385	3442	1122	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3427	1124	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1280	NA	NA
VIA C3 Ezra	100	2815	NA	NA
VIA C7 1500MHz	284	2666	NA	NA
VIA C7-D 1500MHz	287	2662	NA	NA
VIA C7-D 1800MHz	203	2758	NA	NA
VIA C7-D 2000MHz	368	2561	NA	NA
VIA C7-M 1000MHz	164	2789	NA	NA
VIA C7-M 1200MHz	140	2802	NA	NA
VIA C7-M 1600MHz	178	2782	NA	NA
VIA C7-M 6300MHz	222	2739	NA	NA
VIA Eden 800MHz	155	2793	NA	NA
VIA Eden 1000MHz	123	2810	NA	NA
VIA Eden 1200MHz	142	2801	NA	NA
VIA Eden C1050@1.06GHz	352	2580	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2437	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	2063	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Esther 1000MHz	146	2800	NA	NA
VIA Esther 1300MHz	250	2711	NA	NA
VIA Esther 1500MHz	219	2741	NA	NA
VIA Esther 2000MHz	394	2531	NA	NA
VIA Nano L1900@1400MHz	457	2459	NA	NA
VIA Nano L2007@1600MHz	369	2559	NA	NA
VIA Nano L2100@1800MHz	428	2492	NA	NA
VIA Nano L2207@1600MHz	296	2647	NA	NA
VIA Nano L3025@1600MHz	517	2403	NA	NA
VIA Nano L3050@1800MHz	581	2366	NA	NA
VIA Nano L3600@2000MHz	645	2332	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2548	NA	NA
VIA Nano U2250@1300+MHz	274	2686	NA	NA
VIA Nano U2500@1200MHz	306	2629	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2415	NA	NA
VIA Nano U3300@1200MHz	409	2505	NA	NA
VIA Nano U3500@1000MHz	275	2684	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2352	NA	NA
VIA Nehemiah	155	2794	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1673	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA QuadCore L4700 @ 1.2+ GHz	1363	1933	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2045	NA	NA
VIA Samuel 2	79	2817	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	287	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	120	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	390	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	396	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	442	NA	NA
[Dual CPU] AMD EPYC 7281	12720	172	9.35	\$1,359.98
[Dual CPU] AMD EPYC 7371	23933	60	NA	NA
[Dual CPU] AMD EPYC 7401	23518	63	6.16	\$3,820.94
[Dual CPU] AMD EPYC 7451	28957	29	5.55	\$5,217.20
[Dual CPU] AMD EPYC 7501	27504	39	3.15	\$8,730.88*
[Dual CPU] AMD EPYC 7551	30966	21	4.19	\$7,390.38
[Dual CPU] AMD EPYC 7601	33545	15	3.65	\$9,194.78
[Dual CPU] AMD Opteron 246	1130	431	28.26	\$39.98
[Dual CPU] AMD Opteron 248	1053	432	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	428	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1385	429	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	437	NA	NA
[Dual CPU] AMD Opteron 256	1853	425	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	423	6.28	\$319.90*
[Dual CPU] AMD Opteron 270	2226	419	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	422	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	414	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	405	NA	NA
[Dual CPU] AMD Opteron 290	2807	402	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	400	NA	NA
[Dual CPU] AMD Opteron 2212	2203	420	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	415	40.41	\$58.00
[Dual CPU] AMD Opteron 2214 HE	2463	412	NA	NA
[Dual CPU] AMD Opteron 2216	2485	411	54.31	\$45.76
[Dual CPU] AMD Opteron 2216 HE	2593	408	NA	NA
[Dual CPU] AMD Opteron 2218	2719	406	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	409	NA	NA
[Dual CPU] AMD Opteron 2220	2854	399	0.97	\$2,950.32*
[Dual CPU] AMD Opteron 2220 SE	2882	398	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	394	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	388	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	378	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	385	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	379	7.55	\$539.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2354	4554	367	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	370	148.53	\$29.90
[Dual CPU] AMD Opteron 2360 SE	5315	349	98.43	\$54.00
[Dual CPU] AMD Opteron 2373 EE	4164	376	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	363	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	350	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	348	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	336	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	332	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	322	NA	NA
[Dual CPU] AMD Opteron 2389	5677	337	48.11	\$118.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2419	5191	352	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	324	NA	NA
[Dual CPU] AMD Opteron 2427	5907	333	29.83	\$198.00
[Dual CPU] AMD Opteron 2431	6438	316	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7060	302	18.68	\$378.00
[Dual CPU] AMD Opteron 2439 SE	8071	272	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	380	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	339	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	319	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	317	33.18	\$191.88
[Dual CPU] AMD Opteron 4184	7848	278	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	271	80.90	\$99.98
[Dual CPU] AMD Opteron 4228 HE	7986	275	NA	NA
[Dual CPU] AMD Opteron 4234	9361	241	20.35	\$459.98
[Dual CPU] AMD Opteron 4276 HE	9681	234	NA	NA
[Dual CPU] AMD Opteron 4280	4525	368	45.26	\$99.98
[Dual CPU] AMD Opteron 4284	8772	252	73.11	\$119.98
[Dual CPU] AMD Opteron 4334	9456	240	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	213	21.71	\$479.98
[Dual CPU] AMD Opteron 4376 HE	10244	221	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	199	40.57	\$279.98
[Dual CPU] AMD Opteron 6128	6881	307	163.91	\$41.98
[Dual CPU] AMD Opteron 6128 HE	5582	342	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	256	NA	NA
[Dual CPU] AMD Opteron 6134	7586	289	86.22	\$87.98
[Dual CPU] AMD Opteron 6136	7255	296	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	355	NA	NA
[Dual CPU] AMD Opteron 6168	7741	284	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7621	288	38.49	\$198.00
[Dual CPU] AMD Opteron 6174	8056	274	40.69	\$198.00
[Dual CPU] AMD Opteron 6176 SE	8448	261	26.57	\$318.00
[Dual CPU] AMD Opteron 6180 SE	3114	391	NA	NA
[Dual CPU] AMD Opteron 6204	7134	299	50.96	\$139.98
[Dual CPU] AMD Opteron 6212	8955	245	149.30	\$59.98
[Dual CPU] AMD Opteron 6220	10740	208	89.51	\$119.98
[Dual CPU] AMD Opteron 6234	10079	224	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	215	86.26	\$119.98
[Dual CPU] AMD Opteron 6272	10008	228	83.41	\$119.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6274	10536	211	114.55	\$91.98
[Dual CPU] AMD Opteron 6275	10900	207	NA	NA
[Dual CPU] AMD Opteron 6276	10194	223	63.72	\$159.98
[Dual CPU] AMD Opteron 6284 SE	11985	186	17.12	\$699.98
[Dual CPU] AMD Opteron 6308	8351	263	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10716	209	26.79	\$399.98
[Dual CPU] AMD Opteron 6328	11842	189	29.61	\$399.98
[Dual CPU] AMD Opteron 6344	11203	202	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	196	28.53	\$399.98
[Dual CPU] AMD Opteron 6376	10405	214	80.04	\$130.00
[Dual CPU] AMD Opteron 6378	2905	397	7.26	\$399.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6380	14200	156	71.01	\$199.98
[Dual CPU] AMD Opteron 6386 SE	12195	182	40.65	\$299.98
[Dual CPU] AMD Opteron 8218	2831	401	67.40	\$42.00
[Dual CPU] AMD Opteron 8220	2510	410	50.22	\$49.98
[Dual CPU] AMD Opteron 8222 SE	2793	404	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	389	73.25	\$44.00
[Dual CPU] AMD Opteron 8380	5643	340	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	351	NA	NA
[Dual CPU] AMD Opteron 8389	6517	313	41.25	\$158.00
[Dual CPU] AMD Opteron 8431	5813	334	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	310	46.80	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	286	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	430	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	417	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	384	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	277	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	451	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	449	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	445	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	447	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	452	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	453	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	450	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	448	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	443	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	439	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	780	438	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	441	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	436	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	435	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	434	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	424	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	433	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2152	421	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	416	0.70	\$3,279.94
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2617	407	41.59	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	392	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 5140 @ 2.33GHz	2978	395	31.69	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	393	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3439	386	16.54	\$207.98*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3831	382	149.41	\$25.64*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8809	251	19.32	\$455.98
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11024	205	15.84	\$696.00
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	325	9.12	\$679.94
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	321	16.68	\$378.00*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7436	292	11.10	\$670.08
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	244	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11387	198	14.60	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11738	192	28.08	\$418.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	265	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	162	26.23	\$519.98
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	158	68.82	\$200.00
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	197	54.76	\$207.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	177	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	171	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	159	18.59	\$738.00*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	131	20.24	\$818.00
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	193	73.23	\$159.98*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	130	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	114	18.24	\$1,018.00
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	320	14.71	\$431.10*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	312	110.06	\$59.24*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8385	262	20.96	\$399.98
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8910	250	19.37	\$459.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8220	268	59.91	\$137.20
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8937	248	30.39	\$294.06
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9984	229	12.51	\$798.00
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	206	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12338	178	69.30	\$178.04
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13388	168	152.52	\$87.78
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15209	145	20.61	\$738.00
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16480	132	18.63	\$884.46
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14238	154	17.58	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	175	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	150	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13595	166	66.88	\$203.26
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16009	137	121.43	\$131.84
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18495	115	18.17	\$1,018.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18756	113	14.21	\$1,320.00
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	203	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	160	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	146	10.10	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	294	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15903	139	13.08	\$1,215.98*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16437	133	6.34	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16656	129	7.76	\$2,147.56*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14660	149	211.48	\$69.32
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14568	151	50.94	\$286.00
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20181	101	8.49	\$2,377.48*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20765	95	11.11	\$1,869.18*
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13667	161	3.07	\$4,452.00*
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21039	89	63.62	\$330.68
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21034	90	4.19	\$5,019.90
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	82	6.57	\$3,276.70
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	181	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	11808	190	3.99	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	119	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	14948	147	69.20	\$216.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18956	111	38.06	\$498.00
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20362	98	28.28	\$719.98*
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20600	97	8.05	\$2,558.14*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	153	91.04	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14506	152	48.67	\$298.04
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	91	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13634	163	4.66	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	112	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	107	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16327	134	80.03	\$204.00
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18156	118	48.03	\$378.00
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22592	75	8.53	\$2,650.00
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23128	71	6.57	\$3,520.00*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	70	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17156	124	57.83	\$296.68*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	53	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17003	126	130.89	\$129.90
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22409	78	14.67	\$1,527.12
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23109	72	4.36	\$5,298.00
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23927	61	5.42	\$4,411.14
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18172	117	53.17	\$341.74
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20911	92	59.41	\$351.98
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	79	10.58	\$2,114.58
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	65	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	69	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	26	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	102	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	84	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	25	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18209	116	81.41	\$223.68
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21438	85	56.42	\$379.98
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24608	56	17.60	\$1,398.00
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	66	6.63	\$3,525.80*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	127	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21159	88	5.33	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	52	5.99	\$4,174.96*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	80	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	42	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	32	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20905	93	25.19	\$830.00*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23319	68	5.54	\$4,211.18*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24146	58	4.01	\$6,017.90
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	43	5.78	\$4,614.62*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	103	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	46	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19626	104	61.72	\$318.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23615	62	43.35	\$544.80
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25677	49	5.79	\$4,431.72*
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27647	37	5.88	\$4,701.76*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20858	94	5.86	\$3,559.90*
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	54	6.18	\$4,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	50	4.87	\$5,262.70
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23483	64	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	24	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31434	19	5.22	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23334	67	5.91	\$3,949.82
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28246	34	19.21	\$1,470.00
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30631	23	5.01	\$6,110.00
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	35	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29637	27	4.33	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	17	5.00	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	59	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26333	44	2.92	\$9,011.90*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	14	3.78	\$9,009.00
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	96	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	106	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	140	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	109	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	105	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19127	110	100.15	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	148	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	210	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	76	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	40	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	183	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	143	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	77	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	185	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	16047	135	42.45	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	227	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	418	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	381	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3566	383	36.39	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4167	375	53.77	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	358	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4573	366	128.67	\$35.54*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5122	354	64.04	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5165	353	43.77	\$118.00*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6024	329	51.05	\$118.00
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6355	318	12.22	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6849	309	49.63	\$138.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7163	298	189.00	\$37.90
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7536	290	12.60	\$597.88
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7109	300	130.20	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7836	281	130.43	\$60.08
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	413	12.93	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	403	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4891	360	34.96	\$139.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5004	357	164.93	\$30.34*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5434	345	5.95	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7425	293	168.83	\$43.98
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	285	183.52	\$41.98
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	279	87.20	\$90.00
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	377	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5548	343	12.67	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5992	330	13.68	\$438.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8064	273	295.38	\$27.30
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8308	266	23.08	\$359.90*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8748	253	73.52	\$118.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10313	218	19.84	\$519.90*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10310	219	44.83	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	344	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	347	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	81	8.06	\$2,731.06*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	57	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	87	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	21505	83	7.84	\$2,742.10*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	26018	48	8.33	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17491	121	6.73	\$2,599.98
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27262	41	7.15	\$3,812.56
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22869	73	6.21	\$3,684.54*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	22620	74	5.80	\$3,899.98
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	38	6.26	\$4,396.00*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25461	51	5.59	\$4,558.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	28945	30	5.40	\$5,355.64*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	36	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35063	11	6.59	\$5,319.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	33297	16	6.43	\$5,179.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	31	4.70	\$6,137.98*
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28770	33	4.92	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29158	28	3.99	\$7,316.68*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	37650	4	6.41	\$5,870.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	20	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35387	10	4.56	\$7,752.38*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36683	5	4.78	\$7,679.56*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	369	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	373	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	361	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	341	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	326	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	315	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	328	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	359	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	306	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	305	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	276	206.10	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	304	202.14	\$34.66*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	246	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	236	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9668	235	161.29	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	444	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	446	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	440	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	426	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	6	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	35823	8	2.32	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39104	3	3.32	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	9	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	7	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	34585	13	1.73	\$20,030.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15702	142	17.16	\$915.02*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	17084	125	15.73	\$1,085.98
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	165	13.09	\$1,039.92*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19313	108	13.36	\$1,445.78
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	20362	99	9.08	\$2,242.32*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10079	225	47.08	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	216	2.06	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	220	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	364	17.08	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	365	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	362	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5770	335	70.37	\$82.00*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6210	323	31.21	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7449	291	74.50	\$99.98
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7843	280	39.30	\$199.56*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8147	270	21.55	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7776	282	17.28	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8197	269	40.99	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8688	255	3.12	\$2,782.58*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8934	249	258.66	\$34.54*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	242	78.38	\$115.90*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9533	239	53.56	\$178.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	231	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11318	200	222.53	\$50.86
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11646	194	64.49	\$180.60*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10334	217	65.41	\$158.00
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12278	180	153.48	\$80.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	226	17.76	\$567.44*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12580	174	78.63	\$159.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11302	201	53.82	\$210.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	164	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13593	167	67.97	\$200.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11963	187	54.88	\$218.00
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13798	157	49.63	\$278.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	260	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	311	91.61	\$71.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	254	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	230	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11794	191	268.05	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	374	59.59	\$70.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	356	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	372	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	371	199.09	\$21.98*
[Dual CPU] Quad-Core AMD Opteron 8378	5382	346	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	308	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	338	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	331	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	264	NA	NA
[Quad CPU] AMD Opteron 6136	9767	232	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	258	21.70	\$396.00
[Quad CPU] AMD Opteron 6272	12292	179	51.23	\$239.96
[Quad CPU] AMD Opteron 6274	10488	212	57.01	\$183.96
[Quad CPU] AMD Opteron 6276	15342	144	47.95	\$319.96
[Quad CPU] AMD Opteron 6278	12055	184	23.18	\$519.96
[Quad CPU] AMD Opteron 6282 SE	11044	204	21.24	\$519.96
[Quad CPU] AMD Opteron 6376	13257	169	50.99	\$260.00
[Quad CPU] AMD Opteron 6380	12442	176	31.11	\$399.96
[Quad CPU] AMD Opteron 8360 SE	6490	314	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	327	NA	NA
[Quad CPU] AMD Opteron 8382	8553	259	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	295	NA	NA
[Quad CPU] AMD Opteron 8431	8252	267	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	301	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	247	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	427	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	387	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	128	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	138	21.06	\$756.00*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	55	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	86	55.95	\$381.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	45	1.81	\$14,464.00*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	22	1.63	\$18,908.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	100	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	136	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	18	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	123	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	122	131.38	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14223	155	18.81	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	173	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	141	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	303	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	283	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	222	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	237	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	243	14.31	\$631.80*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	47	5.03	\$5,199.96
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	12	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	2	2.63	\$15,504.76*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	233	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	1	1.10	\$40,060.00*
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	238	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	11953	188	4.22	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	257	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	195	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	13145	170	149.38	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	297	163.10	\$43.96*

\* - Last price seen from our affiliates.

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