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CPU Benchmarks

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CPU List

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

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Single CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2725	NA	NA
AMD A4 Micro-6400T APU	1544	1917	NA	NA
AMD A4 PRO-3340B	2402	1523	NA	NA
AMD A4 PRO-7300B APU	2335	1546	NA	NA
AMD A4 PRO-7350B	2227	1599	NA	NA
AMD A4-1200 APU	632	2405	NA	NA
AMD A4-1250 APU	619	2412	NA	NA
AMD A4-3300 APU	1499	1942	115.46	\$12.99
AMD A4-3300M APU	1185	2105	39.52	\$29.99*
AMD A4-3305M APU	1223	2083	39.70	\$30.81
AMD A4-3310MX APU	1287	2045	NA	NA
AMD A4-3320M APU	1253	2067	34.93	\$35.90
AMD A4-3330MX APU	1212	2088	NA	NA
AMD A4-3400 APU	1592	1903	18.11	\$87.95
AMD A4-3420 APU	1666	1860	NA	NA
AMD A4-4000 APU	1831	1775	14.28	\$128.27
AMD A4-4020 APU	1921	1723	20.89	\$92.00
AMD A4-4300M APU	1612	1891	40.44	\$39.86
AMD A4-4355M APU	1177	2107	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5000 APU	1914	1728	NA	NA
AMD A4-5050 APU	2113	1641	NA	NA
AMD A4-5100 APU	2037	1671	NA	NA
AMD A4-5150M APU	1864	1757	NA	NA
AMD A4-5300 APU	2011	1683	22.02	\$91.34
AMD A4-5300B APU	2142	1625	56.38	\$38.00*
AMD A4-6210 APU	2168	1618	NA	NA
AMD A4-6250J APU	2556	1466	NA	NA
AMD A4-6300 APU	2221	1601	37.02	\$59.99*
AMD A4-6300B APU	2129	1632	21.30	\$100.00*
AMD A4-6320 APU	2329	1547	33.29	\$69.99*
AMD A4-7210 APU	2523	1479	NA	NA
AMD A4-7300 APU	2307	1557	19.39	\$119.00
AMD A4-9120	1944	1711	NA	NA
AMD A4-9125	1939	1714	NA	NA
AMD A6 Micro-6500T APU	1834	1772	NA	NA
AMD A6 PRO-7050B APU	1616	1889	NA	NA
AMD A6 PRO-7400B	2608	1445	NA	NA
AMD A6-1450 APU	1532	1923	NA	NA
AMD A6-3400M APU	1883	1749	62.85	\$29.97*
AMD A6-3410MX APU	2057	1667	515.55	\$3.99*
AMD A6-3420M APU	1999	1686	NA	NA
AMD A6-3430MX APU	2200	1608	NA	NA
AMD A6-3500 APU	2012	1682	50.32	\$39.99*
AMD A6-3600 APU	2701	1420	117.50	\$22.99*
AMD A6-3620 APU	2797	1388	46.64	\$59.99*
AMD A6-3650 APU	3148	1272	98.41	\$31.99*
AMD A6-3670 APU	3169	1260	5.20	\$610.00*
AMD A6-4400M APU	1641	1873	205.41	\$7.99*
AMD A6-4455M APU	1286	2047	NA	NA
AMD A6-5200 APU	2432	1510	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	1951	NA	NA
AMD A6-5350M APU	1902	1734	44.13	\$43.12
AMD A6-5357M APU	1941	1713	NA	NA
AMD A6-5400B APU	2238	1594	21.31	\$105.04*
AMD A6-5400K APU	2157	1622	21.79	\$99.00
AMD A6-6310 APU	2453	1506	NA	NA
AMD A6-6400B APU	2281	1571	NA	NA
AMD A6-6400K APU	2308	1556	11.04	\$208.99*
AMD A6-6420B APU	2612	1443	NA	NA
AMD A6-6420K APU	2388	1529	15.92	\$149.99*
AMD A6-7000	1667	1858	NA	NA
AMD A6-7310 APU	2666	1431	NA	NA
AMD A6-7400K APU	2783	1393	43.41	\$64.12

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-7470K	2727	1413	11.22	\$243.00
AMD A6-7480	3159	1268	71.82	\$43.99
AMD A6-8500P	2202	1607	NA	NA
AMD A6-8550	3032	1307	NA	NA
AMD A6-9200	1738	1812	NA	NA
AMD A6-9210	1728	1816	NA	NA
AMD A6-9220	2168	1617	NA	NA
AMD A6-9220C	2071	1659	NA	NA
AMD A6-9220e	1639	1875	NA	NA
AMD A6-9225	2154	1623	NA	NA
AMD A6-9230	2102	1646	NA	NA
AMD A6-9500	3053	1301	65.93	\$46.32
AMD A6-9500E	2889	1363	40.20	\$71.87
AMD A8 PRO-7150B APU	2650	1433	NA	NA
AMD A8 PRO-7600B APU	4740	900	NA	NA
AMD A8-3500M APU	1972	1698	28.20	\$69.95
AMD A8-3510MX APU	2387	1531	NA	NA
AMD A8-3520M APU	2171	1615	NA	NA
AMD A8-3530MX APU	2365	1540	NA	NA
AMD A8-3550MX APU	2610	1444	NA	NA
AMD A8-3800 APU	3014	1311	52.89	\$56.99*
AMD A8-3820 APU	3104	1282	24.84	\$124.99*
AMD A8-3850 APU	3462	1177	32.76	\$105.68*
AMD A8-3870K APU	3539	1156	23.65	\$149.67*
AMD A8-4500M APU	2666	1430	NA	NA
AMD A8-4555M APU	2121	1636	NA	NA
AMD A8-5500 APU	3996	1044	70.74	\$56.50*
AMD A8-5500B APU	3997	1043	NA	NA
AMD A8-5545M APU	2587	1454	NA	NA
AMD A8-5550M APU	3006	1315	NA	NA
AMD A8-5557M APU	2965	1330	NA	NA
AMD A8-5600K APU	4341	981	18.93	\$229.30
AMD A8-6410 APU	2571	1462	NA	NA
AMD A8-6500 APU	4396	969	46.29	\$94.99*
AMD A8-6500B APU	4612	923	NA	NA
AMD A8-6500T APU	3221	1242	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-6600K APU	4589	930	47.32	\$96.99*
AMD A8-7050	1986	1693	NA	NA
AMD A8-7100 APU	2807	1386	NA	NA
AMD A8-7200P	3319	1213	NA	NA
AMD A8-7410 APU	2742	1407	NA	NA
AMD A8-7600 APU	5067	832	63.35	\$79.99*
AMD A8-7650K	4924	867	19.39	\$254.00
AMD A8-7670K	5082	828	31.55	\$161.10*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7680	5185	815	86.45	\$59.99*
AMD A8-8600P	3248	1233	NA	NA
AMD A8-8650	5470	767	NA	NA
AMD A8-9600	4990	853	77.59	\$64.31
AMD A9-9400	2328	1548	NA	NA
AMD A9-9410	2554	1467	NA	NA
AMD A9-9420	2337	1545	NA	NA
AMD A9-9420e	1904	1733	NA	NA
AMD A9-9425	2535	1475	NA	NA
AMD A9-9430	2524	1478	NA	NA
AMD A10 Micro-6700T APU	1970	1699	NA	NA
AMD A10 PRO-7350B APU	3171	1259	NA	NA
AMD A10 PRO-7800B APU	4934	863	NA	NA
AMD A10 PRO-7850B APU	5380	783	NA	NA
AMD A10-4600M APU	3113	1281	NA	NA
AMD A10-4655M APU	2607	1446	NA	NA
AMD A10-4657M APU	2906	1355	NA	NA
AMD A10-5700 APU	4212	1006	65.31	\$64.50*
AMD A10-5745M APU	2763	1401	NA	NA
AMD A10-5750M APU	3344	1210	NA	NA
AMD A10-5757M APU	3084	1288	NA	NA
AMD A10-5800B APU	4568	932	NA	NA
AMD A10-5800K APU	4637	915	7.60	\$610.00*
AMD A10-6700 APU	4606	925	39.37	\$116.99*
AMD A10-6700T APU	3693	1121	25.02	\$147.61*
AMD A10-6790K APU	4685	907	49.32	\$94.99*
AMD A10-6800B APU	4806	886	NA	NA
AMD A10-6800K APU	4861	878	16.95	\$286.85*
AMD A10-7300 APU	2906	1353	NA	NA
AMD A10-7400P	3603	1136	NA	NA
AMD A10-7700K APU	5118	820	14.76	\$346.70*
AMD A10-7800 APU	4982	855	48.19	\$103.39*
AMD A10-7850K APU	5471	766	28.80	\$190.00
AMD A10-7860K	5066	834	28.95	\$175.00*
AMD A10-7870K	5468	768	24.09	\$226.99*
AMD A10-7890K	5701	737	28.51	\$199.99*
AMD A10-8700P	3448	1180	NA	NA
AMD A10-8750	5057	835	NA	NA
AMD A10-8850	5598	752	NA	NA
AMD A10-9600P	3777	1096	NA	NA
AMD A10-9620P	3673	1125	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9630P	4497	950	NA	NA
AMD A10-9700	5381	782	66.43	\$81.02
AMD A10-9700E	4747	899	39.49	\$120.24*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A12-9700P	3728	1111	NA	NA
AMD A12-9720P	3992	1046	NA	NA
AMD A12-9730P	4472	954	NA	NA
AMD A12-9800	5521	761	37.25	\$148.24*
AMD A12-9800E	5083	826	39.11	\$129.99
AMD Athlon64 X2 Dual Core 4600+	1108	2148	NA	NA
AMD Athlon 4	279	2745	11.68	\$23.95
AMD Athlon 64 2000+	116	2879	NA	NA
AMD Athlon 64 2200+	575	2437	NA	NA
AMD Athlon 64 2600+	374	2619	NA	NA
AMD Athlon 64 2800+	438	2548	4.38	\$99.99*
AMD Athlon 64 3000+	464	2517	5.80	\$79.99
AMD Athlon 64 3200+	492	2486	3.29	\$149.95*
AMD Athlon 64 3300+	576	2436	NA	NA
AMD Athlon 64 3400+	545	2448	NA	NA
AMD Athlon 64 3500+	540	2454	4.97	\$108.95*
AMD Athlon 64 3600+	601	2421	NA	NA
AMD Athlon 64 3700+	598	2423	8.67	\$69.00*
AMD Athlon 64 3800+	589	2426	3.28	\$179.95*
AMD Athlon 64 4000+	608	2416	3.32	\$183.27*
AMD Athlon 64 FX-25	794	2331	NA	NA
AMD Athlon 64 FX-34	380	2611	NA	NA
AMD Athlon 64 FX-51	437	2549	NA	NA
AMD Athlon 64 FX-53	646	2397	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2361	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2357	NA	NA
AMD Athlon 64 FX-59	715	2364	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2050	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1908	NA	NA
AMD Athlon 64 FX-72	1794	1787	NA	NA
AMD Athlon 64 FX-74	1495	1946	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2244	NA	NA
AMD Athlon 64 X2 4200+	1285	2048	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2217	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2238	16.05	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	999	2211	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1043	2185	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	2153	6.87	\$159.95
AMD Athlon 64 X2 Dual Core 4400+	1146	2132	19.10	\$60.00
AMD Athlon 64 X2 Dual Core 4600+	1219	2085	3.39	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1253	2066	2.73	\$459.95*
AMD Athlon 64 X2 Dual Core 5000+	1313	2026	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	1991	9.87	\$139.95
AMD Athlon 64 X2 Dual Core 5400+	1448	1962	27.34	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1485	1949	10.62	\$139.95
AMD Athlon 64 X2 Dual Core 5800+	1516	1933	60.68	\$24.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core 6000+	1603	1894	34.89	\$45.95
AMD Athlon 64 X2 Dual Core 6400+	1791	1789	6.89	\$259.95*
AMD Athlon 64 X2 Dual Core BE-230	1095	2157	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2166	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2183	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2309	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2310	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2232	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2288	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2319	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2290	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	925	2264	NA	NA
AMD Athlon 64 X2 QL-60	922	2270	NA	NA
AMD Athlon 64 X2 QL-62	1005	2206	NA	NA
AMD Athlon 64 X2 QL-64	992	2221	NA	NA
AMD Athlon 64 X2 QL-65	1050	2181	NA	NA
AMD Athlon 64 X2 QL-66	947	2252	NA	NA
AMD Athlon 64 X2 QL-67	1006	2205	NA	NA
AMD Athlon 64 X2 TK-55	955	2245	NA	NA
AMD Athlon 64 X2 TK-57	988	2223	NA	NA
AMD Athlon 200GE	4937	862	79.76	\$61.91
AMD Athlon 220GE	5252	801	78.72	\$66.73
AMD Athlon 240GE	5411	775	85.91	\$62.99
AMD Athlon 1500+	294	2718	NA	NA
AMD Athlon 1640B	670	2387	13.42	\$50.00*
AMD Athlon 2000+	390	2607	NA	NA
AMD Athlon 2100+	412	2570	NA	NA
AMD Athlon 2200+	363	2637	4.55	\$79.99*
AMD Athlon 2400+	462	2520	NA	NA
AMD Athlon 2500+	374	2617	2.04	\$183.99*
AMD Athlon 2600+	444	2539	4.23	\$104.95*
AMD Athlon 2650e	409	2574	21.56	\$19.00*
AMD Athlon 2800+	447	2536	3.20	\$139.95*
AMD Athlon 2850e	506	2479	NA	NA
AMD Athlon 3100+	485	2497	NA	NA
AMD Athlon 3200+	458	2524	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	2040	10.78	\$119.95
AMD Athlon 5150 APU	2106	1644	13.17	\$159.95
AMD Athlon 5200 Dual-Core	1266	2061	42.23	\$29.99*
AMD Athlon 5350 APU	2607	1447	13.72	\$190.00
AMD Athlon 5370 APU	2912	1347	45.73	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1963	NA	NA
AMD Athlon 7550 Dual-Core	1470	1953	24.52	\$60.00
AMD Athlon 7750 Dual-Core	1569	1910	8.86	\$177.17

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 7850 Dual-Core	1713	1826	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2728	NA	NA
AMD Athlon Dual Core 4050e	1086	2162	NA	NA
AMD Athlon Dual Core 4450B	1166	2118	37.63	\$31.00*
AMD Athlon Dual Core 4450e	1107	2150	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 4850B	1391	1984	NA	NA
AMD Athlon Dual Core 4850e	1313	2027	33.67	\$39.00*
AMD Athlon Dual Core 5000B	1304	2031	13.74	\$95.00*
AMD Athlon Dual Core 5050e	1343	2012	22.39	\$60.00*
AMD Athlon Dual Core 5200B	1316	2025	NA	NA
AMD Athlon Dual Core 5400B	1420	1976	NA	NA
AMD Athlon Dual Core 5600B	1304	2032	NA	NA
AMD Athlon II 160u	560	2443	18.68	\$29.99*
AMD Athlon II 170u	626	2408	20.91	\$29.95*
AMD Athlon II Dual-Core M300	1112	2143	NA	NA
AMD Athlon II Dual-Core M320	1141	2134	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2179	NA	NA
AMD Athlon II N330 Dual-Core	1154	2125	NA	NA
AMD Athlon II N350 Dual-Core	1249	2072	NA	NA
AMD Athlon II N370 Dual-Core	1559	1913	NA	NA
AMD Athlon II Neo K125	473	2509	NA	NA
AMD Athlon II Neo K145	525	2462	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2337	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2300	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2330	NA	NA
AMD Athlon II P320 Dual-Core	1217	2086	40.66	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2070	27.83	\$44.95*
AMD Athlon II P360 Dual-Core	1318	2024	54.93	\$24.00*
AMD Athlon II X2 210e	1486	1948	NA	NA
AMD Athlon II X2 215	1568	1911	130.82	\$11.99*
AMD Athlon II X2 220	1632	1879	50.73	\$32.19
AMD Athlon II X2 225	1526	1924	NA	NA
AMD Athlon II X2 235e	1656	1866	9.11	\$181.88*
AMD Athlon II X2 240	1642	1871	46.99	\$34.95
AMD Athlon II X2 240e	1695	1842	48.52	\$34.95*
AMD Athlon II X2 245	1661	1864	47.54	\$34.95
AMD Athlon II X2 245e	1709	1831	21.37	\$80.00*
AMD Athlon II X2 250	1742	1809	44.73	\$38.95
AMD Athlon II X2 250e	1939	1715	25.28	\$76.73*
AMD Athlon II X2 250u	1000	2210	28.64	\$34.95
AMD Athlon II X2 255	1841	1768	28.23	\$65.22*
AMD Athlon II X2 260	1874	1751	93.76	\$19.99*
AMD Athlon II X2 260u	1107	2149	13.28	\$83.44*
AMD Athlon II X2 265	1890	1744	22.81	\$82.88*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 270	1978	1697	82.46	\$23.99*
AMD Athlon II X2 270u	1350	2008	19.96	\$67.67*
AMD Athlon II X2 280	2129	1631	21.30	\$99.99*
AMD Athlon II X2 4300e	1350	2007	NA	NA
AMD Athlon II X2 4400e	1632	1881	NA	NA
AMD Athlon II X2 4450e	1504	1939	NA	NA
AMD Athlon II X2 B22	1711	1827	41.05	\$41.69*
AMD Athlon II X2 B24	1777	1793	44.50	\$39.95
AMD Athlon II X2 B26	1904	1732	54.50	\$34.95
AMD Athlon II X2 B28	2085	1653	42.52	\$49.05*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 400e	2009	1684	18.70	\$107.43*
AMD Athlon II X3 405e	2000	1685	25.00	\$79.99*
AMD Athlon II X3 415e	2247	1588	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1567	19.68	\$116.15*
AMD Athlon II X3 425	2318	1552	85.90	\$26.99*
AMD Athlon II X3 425e	2239	1593	NA	NA
AMD Athlon II X3 435	2472	1500	82.44	\$29.99*
AMD Athlon II X3 440	2566	1463	95.10	\$26.99*
AMD Athlon II X3 445	2572	1461	28.26	\$91.00*
AMD Athlon II X3 450	2621	1441	68.98	\$38.01
AMD Athlon II X3 455	2767	1397	70.98	\$38.99*
AMD Athlon II X3 460	2863	1367	73.45	\$38.99*
AMD Athlon II X4 553	3814	1087	NA	NA
AMD Athlon II X4 555	3830	1082	NA	NA
AMD Athlon II X4 559	4135	1021	NA	NA
AMD Athlon II X4 600e	2453	1505	18.84	\$130.23*
AMD Athlon II X4 605e	2738	1410	26.90	\$101.80*
AMD Athlon II X4 610e	2790	1390	39.87	\$69.99*
AMD Athlon II X4 615e	2901	1359	49.17	\$59.00*
AMD Athlon II X4 620	2929	1343	41.86	\$69.99*
AMD Athlon II X4 620e	2906	1356	NA	NA
AMD Athlon II X4 630	3132	1274	49.76	\$62.95
AMD Athlon II X4 631 Quad-Core	3152	1271	39.41	\$80.00*
AMD Athlon II X4 635	3235	1237	46.25	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1247	120.73	\$26.49*
AMD Athlon II X4 640	3314	1216	41.45	\$79.95
AMD Athlon II X4 641 Quad-Core	3345	1208	36.56	\$91.50*
AMD Athlon II X4 645	3469	1174	43.40	\$79.95
AMD Athlon II X4 650	3482	1172	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3576	1146	20.09	\$178.04*
AMD Athlon II X4 655	2998	1319	NA	NA
AMD Athlon II X4 6400e	2594	1450	NA	NA
AMD Athlon L110	303	2698	NA	NA
AMD Athlon LE-1600	557	2444	26.57	\$21.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon LE-1620	578	2434	32.12	\$18.00*
AMD Athlon LE-1640	627	2407	NA	NA
AMD Athlon LE-1660	679	2384	NA	NA
AMD Athlon MP	230	2799	4.20	\$54.95*
AMD Athlon MP 1700+	339	2660	NA	NA
AMD Athlon MP 2400+	436	2550	NA	NA
AMD Athlon MP 2800+	497	2484	NA	NA
AMD Athlon Neo MV-40	410	2572	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2208	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2336	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2314	NA	NA
AMD Athlon PRO 200GE	5204	807	NA	NA
AMD Athlon QI-46	473	2508	NA	NA
AMD Athlon TF-20	413	2569	NA	NA
AMD Athlon TF-36	395	2597	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 215	1543	1918	NA	NA
AMD Athlon X2 235e	1806	1783	NA	NA
AMD Athlon X2 240	1602	1895	NA	NA
AMD Athlon X2 240e	1670	1855	NA	NA
AMD Athlon X2 250	1696	1841	NA	NA
AMD Athlon X2 255	1627	1885	NA	NA
AMD Athlon X2 280	2303	1559	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1910	1731	38.22	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1586	NA	NA
AMD Athlon X2 440	1424	1973	NA	NA
AMD Athlon X2 Dual Core 3250e	783	2335	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2212	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2271	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2146	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2087	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2068	NA	NA
AMD Athlon X2 Dual Core L310	644	2399	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2203	NA	NA
AMD Athlon X3 425	2191	1611	NA	NA
AMD Athlon X3 435	2574	1459	26.96	\$95.49*
AMD Athlon X3 440	2078	1656	23.62	\$87.99*
AMD Athlon X3 445	2314	1554	NA	NA
AMD Athlon X3 450	3064	1297	38.80	\$78.99*
AMD Athlon X3 455	2401	1524	NA	NA
AMD Athlon X4 605e	2505	1488	NA	NA
AMD Athlon X4 620	2861	1368	47.74	\$59.95
AMD Athlon X4 635	2891	1362	23.71	\$121.99*
AMD Athlon X4 640	3172	1258	NA	NA
AMD Athlon X4 740 Quad Core	4017	1039	14.51	\$277.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X4 750 Quad Core	4551	935	NA	NA
AMD Athlon X4 750K Quad Core	4254	997	55.26	\$76.99*
AMD Athlon X4 760K Quad Core	4593	928	109.41	\$41.98*
AMD Athlon X4 830	4701	904	NA	NA
AMD Athlon X4 840	5046	840	64.09	\$78.74*
AMD Athlon X4 845	5399	779	101.63	\$53.13*
AMD Athlon X4 860K	5416	774	40.14	\$134.95
AMD Athlon X4 870K	5296	797	66.22	\$79.99*
AMD Athlon X4 880K	5545	756	55.46	\$99.99*
AMD Athlon X4 950	5249	802	82.55	\$63.59
AMD Athlon XP1600+	281	2740	NA	NA
AMD Athlon XP1900+	353	2646	NA	NA
AMD Athlon XP2100+	287	2730	NA	NA
AMD Athlon XP2200+	401	2588	NA	NA
AMD Athlon XP2400+	374	2618	NA	NA
AMD Athlon XP 1500	282	2739	NA	NA
AMD Athlon XP 1500+	257	2770	NA	NA
AMD Athlon XP 1600+	267	2760	NA	NA
AMD Athlon XP 1700	344	2656	NA	NA
AMD Athlon XP 1700+	271	2756	4.43	\$61.25*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 1800+	300	2705	5.10	\$58.95*
AMD Athlon XP 1900+	312	2689	NA	NA
AMD Athlon XP 2000+	299	2706	12.00	\$24.99*
AMD Athlon XP 2100+	323	2672	NA	NA
AMD Athlon XP 2200+	328	2671	3.87	\$84.95*
AMD Athlon XP 2300+	464	2516	NA	NA
AMD Athlon XP 2400+	360	2639	4.01	\$89.99*
AMD Athlon XP 2500+	355	2643	NA	NA
AMD Athlon XP 2600+	372	2623	16.18	\$23.03*
AMD Athlon XP 2700+	393	2600	4.64	\$84.79*
AMD Athlon XP 2800+	400	2590	NA	NA
AMD Athlon XP 2900+	424	2564	NA	NA
AMD Athlon XP 3000+	402	2586	5.06	\$79.70*
AMD Athlon XP 3100+	433	2554	NA	NA
AMD Athlon XP 3200+	431	2556	NA	NA
AMD Athlon XP 3400+	570	2440	NA	NA
AMD Athlon XP Pro3+	367	2631	NA	NA
AMD Athlon XP-M	541	2453	15.48	\$34.95*
AMD C-30	310	2691	NA	NA
AMD C-50	462	2519	NA	NA
AMD C-60	466	2513	NA	NA
AMD C-60 APU	543	2450	NA	NA
AMD C-70 APU	556	2445	NA	NA
AMD E1 Micro-6200T APU	960	2241	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E1-1200 APU	655	2395	NA	NA
AMD E1-1500 APU	688	2378	NA	NA
AMD E1-2100 APU	641	2402	NA	NA
AMD E1-2200 APU	767	2339	NA	NA
AMD E1-2500 APU	889	2287	NA	NA
AMD E1-6010 APU	864	2294	NA	NA
AMD E1-6015 APU	896	2285	NA	NA
AMD E1-7010 APU	1002	2209	NA	NA
AMD E2-1800 APU	816	2318	NA	NA
AMD E2-2000 APU	825	2315	NA	NA
AMD E2-3000 APU	1105	2152	NA	NA
AMD E2-3000M APU	1096	2155	54.84	\$20.00*
AMD E2-3200 APU	1386	1986	173.59	\$7.99*
AMD E2-3800 APU	1643	1870	NA	NA
AMD E2-6110 APU	1915	1727	NA	NA
AMD E2-7110 APU	2285	1568	NA	NA
AMD E2-9000	1641	1874	NA	NA
AMD E2-9000e	1343	2013	NA	NA
AMD E2-9010	1705	1833	NA	NA
AMD E2-9030	1515	1934	NA	NA
AMD E-240	319	2678	NA	NA
AMD E-300 APU	610	2415	NA	NA
AMD E-350	746	2352	NA	NA
AMD E-350 APU	757	2346	NA	NA
AMD E-350D APU	726	2359	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E-450 APU	766	2340	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1798	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1650	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2508	1486	NA	NA
AMD Embedded R-Series RX-216GD	2409	1520	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	831	NA	NA
AMD Embedded R-Series RX-421BD	4635	917	NA	NA
AMD EPYC 3201	9634	357	NA	NA
AMD EPYC 7251 8-Core	11811	241	23.07	\$512.00
AMD EPYC 7301	14978	150	17.31	\$865.24
AMD EPYC 7351	18081	86	14.80	\$1,221.99
AMD EPYC 7351P	14887	152	17.25	\$862.88
AMD EPYC 7371	22071	35	NA	NA
AMD EPYC 7401P	19555	69	18.19	\$1,075.00
AMD EPYC 7501	18942	76	5.32	\$3,559.56
AMD EPYC 7551	18483	81	5.19	\$3,559.56

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD EPYC 7551P	18406	82	7.94	\$2,317.99
AMD FirePro A320 APU	4540	941	NA	NA
AMD FX-670K Quad-Core	4550	936	NA	NA
AMD FX-770K Quad-Core	4803	887	NA	NA
AMD FX-870K Quad Core	5021	846	NA	NA
AMD FX-4100 Quad-Core	4070	1031	26.53	\$153.45*
AMD FX-4130 Quad-Core	4163	1015	54.79	\$75.99*
AMD FX-4150 Quad-Core	4594	927	NA	NA
AMD FX-4170 Quad-Core	4864	876	48.65	\$99.99*
AMD FX-4200 Quad-Core	4235	1000	18.56	\$228.21*
AMD FX-4300 Quad-Core	4694	906	58.71	\$79.95
AMD FX-4320	5014	849	NA	NA
AMD FX-4330	5321	796	NA	NA
AMD FX-4350 Quad-Core	5340	791	12.42	\$430.00
AMD FX-6100 Six-Core	5389	781	21.30	\$253.00
AMD FX-6120 Six-Core	5733	734	NA	NA
AMD FX-6130 Six-Core	6215	683	NA	NA
AMD FX-6200 Six-Core	6116	695	17.99	\$339.95
AMD FX-6300 Six-Core	6387	667	93.27	\$68.49
AMD FX-6330 Six-Core	6916	616	NA	NA
AMD FX-6350 Six-Core	7001	605	59.08	\$118.51
AMD FX-7500 APU	3212	1244	NA	NA
AMD FX-7600P	4049	1033	NA	NA
AMD FX-7600P APU	4627	919	NA	NA
AMD FX-8100 Eight-Core	6008	705	42.31	\$142.00*
AMD FX-8120 Eight-Core	6600	647	29.64	\$222.73*
AMD FX-8140 Eight-Core	6133	691	NA	NA
AMD FX-8150 Eight-Core	7632	547	76.36	\$99.95
AMD FX-8300 Eight-Core	7718	536	48.24	\$159.98
AMD FX-8310 Eight-Core	7723	534	NA	NA
AMD FX-8320 Eight-Core	8015	509	53.80	\$149.00
AMD FX-8320E Eight-Core	7550	552	76.28	\$98.99
AMD FX-8350 Eight-Core	8951	425	162.78	\$54.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8370 Eight-Core	9036	412	39.38	\$229.48
AMD FX-8370E Eight-Core	7808	526	24.39	\$320.09
AMD FX-8800P	4147	1019	NA	NA
AMD FX-9370 Eight-Core	9443	377	24.75	\$381.47
AMD FX-9590 Eight-Core	10191	303	68.17	\$149.50
AMD FX-9800P	3961	1056	NA	NA
AMD FX-9830P	4772	894	NA	NA
AMD FX-B4150 Quad-Core	4611	924	NA	NA
AMD G-T40E	467	2512	NA	NA
AMD G-T40N	516	2471	NA	NA
AMD G-T40R	203	2826	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T44R	229	2800	NA	NA
AMD G-T48E	667	2389	NA	NA
AMD G-T52R	308	2693	NA	NA
AMD G-T56E	751	2348	NA	NA
AMD G-T56N	794	2332	NA	NA
AMD Geode NX	264	2763	NA	NA
AMD Geode NX 1750	291	2719	NA	NA
AMD GX-210JA SOC	401	2589	NA	NA
AMD GX-212JC SOC	744	2353	NA	NA
AMD GX-217GA SOC	1107	2151	NA	NA
AMD GX-218GL SOC	1115	2141	NA	NA
AMD GX-222GC SOC	1255	2065	NA	NA
AMD GX-412HC	1497	1945	NA	NA
AMD GX-415GA SOC	1944	1712	NA	NA
AMD GX-420CA SOC	2412	1518	NA	NA
AMD GX-424CC SOC	2491	1493	NA	NA
AMD K7	403	2583	NA	NA
AMD Opteron 140	396	2595	0.56	\$710.00*
AMD Opteron 142	428	2560	NA	NA
AMD Opteron 144	486	2494	7.48	\$65.00*
AMD Opteron 146	532	2458	8.87	\$59.99*
AMD Opteron 148	603	2420	NA	NA
AMD Opteron 150	604	2418	NA	NA
AMD Opteron 152	658	2391	NA	NA
AMD Opteron 154	703	2373	NA	NA
AMD Opteron 165	899	2283	1.47	\$610.00*
AMD Opteron 170	1097	2154	NA	NA
AMD Opteron 175	1167	2117	NA	NA
AMD Opteron 180	1233	2078	9.49	\$129.95*
AMD Opteron 185	1342	2014	NA	NA
AMD Opteron 246	632	2406	31.62	\$19.99*
AMD Opteron 248	476	2506	4.77	\$99.95
AMD Opteron 250	649	2396	59.01	\$11.00*
AMD Opteron 252	760	2344	12.00	\$63.36*
AMD Opteron 254	693	2377	NA	NA
AMD Opteron 256	963	2236	50.72	\$19.00*
AMD Opteron 265	963	2237	13.20	\$73.00
AMD Opteron 270	1170	2114	1.93	\$607.47*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 275	1291	2042	19.87	\$64.99
AMD Opteron 280	1176	2108	1.48	\$796.67*
AMD Opteron 285	1470	1954	NA	NA
AMD Opteron 290	1464	1956	10.85	\$135.00*
AMD Opteron 1210	923	2266	NA	NA
AMD Opteron 1210 HE	971	2231	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	2204	3.48	\$290.00*
AMD Opteron 1212 HE	1308	2029	NA	NA
AMD Opteron 1214	1191	2101	4.11	\$290.00*
AMD Opteron 1214 HE	1299	2034	NA	NA
AMD Opteron 1216	1311	2028	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2112	NA	NA
AMD Opteron 1218	1468	1955	NA	NA
AMD Opteron 1218 HE	1444	1964	NA	NA
AMD Opteron 1220	1653	1868	NA	NA
AMD Opteron 1222	1757	1800	NA	NA
AMD Opteron 1352	2316	1553	17.04	\$135.99*
AMD Opteron 1354	2630	1439	19.49	\$135.00*
AMD Opteron 1356	2765	1399	30.73	\$89.99*
AMD Opteron 1381	3065	1296	NA	NA
AMD Opteron 2212	1270	2057	63.53	\$20.00*
AMD Opteron 2214	1358	2005	46.85	\$29.00*
AMD Opteron 2214 HE	1415	1978	NA	NA
AMD Opteron 2216	1518	1932	61.21	\$24.80
AMD Opteron 2218	1594	1901	11.19	\$142.45
AMD Opteron 2220	1701	1837	2.24	\$758.84*
AMD Opteron 2220 SE	1398	1982	55.92	\$25.00*
AMD Opteron 2222	1843	1765	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1725	NA	NA
AMD Opteron 2350	2820	1380	10.45	\$269.99*
AMD Opteron 2356	2814	1382	54.12	\$52.00*
AMD Opteron 2373 EE	2789	1391	NA	NA
AMD Opteron 2374 HE	2951	1332	15.53	\$189.99*
AMD Opteron 2376	2283	1569	13.69	\$166.81*
AMD Opteron 2378	3179	1254	17.76	\$179.00*
AMD Opteron 2380	2640	1436	58.69	\$45.00
AMD Opteron 2384	3538	1157	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1158	NA	NA
AMD Opteron 2393 SE	2246	1589	NA	NA
AMD Opteron 2427	3069	1294	31.00	\$99.00
AMD Opteron 2431	4516	946	112.91	\$40.00
AMD Opteron 2435	4708	903	24.91	\$189.00
AMD Opteron 3250 HE	2942	1336	29.73	\$99.00*
AMD Opteron 3260 HE	3259	1228	NA	NA
AMD Opteron 3280	5403	778	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1427	NA	NA
AMD Opteron 3350 HE	4009	1041	NA	NA
AMD Opteron 3365	5963	708	NA	NA
AMD Opteron 3380	6384	668	7.89	\$809.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4122	2942	1337	23.55	\$124.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4162 EE	3166	1262	NA	NA
AMD Opteron 4170 HE	3664	1126	62.11	\$59.00*
AMD Opteron 4184	4418	966	8.50	\$519.95*
AMD Opteron 4280	6430	659	128.60	\$50.00*
AMD Opteron 4284	6660	642	111.03	\$59.99*
AMD Opteron 4332 HE	5614	749	NA	NA
AMD Opteron 4334	6099	698	28.18	\$216.42*
AMD Opteron 4365 EE	5025	845	NA	NA
AMD Opteron 4386	6761	630	48.30	\$139.99*
AMD Opteron 6128	4505	947	225.37	\$19.99
AMD Opteron 6134	2938	1338	66.81	\$43.99
AMD Opteron 6136	4631	918	42.10	\$110.00*
AMD Opteron 6164 HE	5351	789	NA	NA
AMD Opteron 6172	5261	799	26.57	\$198.00
AMD Opteron 6174	6171	687	62.34	\$99.00
AMD Opteron 6176 SE	5465	770	34.37	\$159.00*
AMD Opteron 6212	5776	729	192.62	\$29.99*
AMD Opteron 6220	6785	627	113.11	\$59.99*
AMD Opteron 6234	5938	712	198.27	\$29.95*
AMD Opteron 6238	7673	543	21.32	\$359.89*
AMD Opteron 6272	6748	632	21.77	\$309.95
AMD Opteron 6274	4865	875	20.36	\$239.00
AMD Opteron 6276	8889	431	52.60	\$169.00
AMD Opteron 6282 SE	9116	404	70.13	\$129.99*
AMD Opteron 6287 SE	9789	342	NA	NA
AMD Opteron 6328	7813	525	21.76	\$359.00
AMD Opteron 6366 HE	7503	556	250.19	\$29.99*
AMD Opteron 6376	9212	395	141.72	\$65.00
AMD Opteron 6378	9094	406	22.79	\$399.00
AMD Opteron 6380	10081	314	170.88	\$59.00
AMD Opteron 6386 SE	10912	267	72.75	\$149.99*
AMD Opteron 8354	2255	1585	93.98	\$24.00
AMD Opteron 8439 SE	3813	1088	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1298	NA	NA
AMD Opteron X3216 APU	2366	1539	NA	NA
AMD Opteron X3418 APU	4659	910	NA	NA
AMD Opteron X3421 APU	4928	866	NA	NA
AMD Phenom 2 X4 12000	3005	1317	NA	NA
AMD Phenom 7950 Quad-Core	2991	1320	NA	NA
AMD Phenom 8250 Triple-Core	1668	1857	NA	NA
AMD Phenom 8250e Triple-Core	1635	1878	34.81	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1880	NA	NA
AMD Phenom 8450 Triple-Core	1889	1747	63.09	\$29.95*
AMD Phenom 8450e Triple-Core	2026	1675	NA	NA
AMD Phenom 8600 Triple-Core	1673	1854	31.57	\$52.99*
AMD Phenom 8600B Triple-Core	1924	1722	36.33	\$52.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8650 Triple-Core	1989	1691	39.80	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1666	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8750B Triple-Core	2034	1672	NA	NA
AMD Phenom 8850 Triple-Core	1968	1701	NA	NA
AMD Phenom 8850B Triple-Core	2080	1655	NA	NA
AMD Phenom 9100e Quad-Core	1831	1773	45.85	\$39.95*
AMD Phenom 9150e Quad-Core	2113	1640	52.91	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1551	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1448	24.76	\$105.00*
AMD Phenom 9500 Quad-Core	2202	1606	75.98	\$28.99*
AMD Phenom 9550 Quad-Core	2543	1473	87.74	\$28.99*
AMD Phenom 9600 Quad-Core	2301	1560	46.08	\$49.95*
AMD Phenom 9600B Quad-Core	2573	1460	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2636	1437	58.65	\$44.95
AMD Phenom 9750 Quad-Core	2810	1385	95.31	\$29.49*
AMD Phenom 9750B Quad-Core	2709	1418	NA	NA
AMD Phenom 9850 Quad-Core	2892	1361	24.11	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1266	NA	NA
AMD Phenom 9950 Quad-Core	3010	1312	22.30	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1483	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1335	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1133	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1169	NA	NA
AMD Phenom II N620 Dual-Core	1683	1846	421.84	\$3.99*
AMD Phenom II N640 Dual-Core	1718	1822	26.46	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1762	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1432	NA	NA
AMD Phenom II N830 Triple-Core	1890	1745	NA	NA
AMD Phenom II N850 Triple-Core	1937	1716	77.51	\$25.00*
AMD Phenom II N870 Triple-Core	1999	1687	NA	NA
AMD Phenom II N930 Quad-Core	2274	1574	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1497	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2521	1481	16.81	\$149.99*
AMD Phenom II P650 Dual-Core	1597	1899	45.66	\$35.00*
AMD Phenom II P820 Triple-Core	1602	1896	NA	NA
AMD Phenom II P840 Triple-Core	1709	1829	NA	NA
AMD Phenom II P860 Triple-Core	1756	1802	NA	NA
AMD Phenom II P920 Quad-Core	1866	1755	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1780	NA	NA
AMD Phenom II P960 Quad-Core	2085	1651	74.48	\$28.00*
AMD Phenom II X2 511	2104	1645	NA	NA
AMD Phenom II X2 521	2071	1658	NA	NA
AMD Phenom II X2 545	1916	1726	43.57	\$43.98*
AMD Phenom II X2 550	2021	1677	40.44	\$49.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X2 555	2045	1669	73.10	\$27.98*
AMD Phenom II X2 560	2061	1663	31.71	\$64.99*
AMD Phenom II X2 565	2222	1600	74.12	\$29.99*
AMD Phenom II X2 570	2068	1661	NA	NA
AMD Phenom II X2 B53	1709	1830	NA	NA
AMD Phenom II X2 B55	1921	1724	40.02	\$48.00*
AMD Phenom II X2 B57	1826	1778	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X2 B59	2118	1637	108.77	\$19.48*
AMD Phenom II X3 700e	2242	1591	NA	NA
AMD Phenom II X3 705e	2227	1598	14.63	\$152.34*
AMD Phenom II X3 710	2446	1507	28.95	\$84.53*
AMD Phenom II X3 715	2649	1435	31.17	\$84.99*
AMD Phenom II X3 720	2668	1428	38.13	\$69.99*
AMD Phenom II X3 740	2985	1321	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1412	36.47	\$75.00*
AMD Phenom II X3 B75	2906	1354	72.69	\$39.99*
AMD Phenom II X3 B77	3067	1295	137.64	\$22.29*
AMD Phenom II X4 805	2998	1318	17.23	\$173.99*
AMD Phenom II X4 810	3122	1278	26.92	\$115.99*
AMD Phenom II X4 820	3396	1192	45.31	\$74.95*
AMD Phenom II X4 830	3434	1183	42.95	\$79.95*
AMD Phenom II X4 840	3507	1166	39.00	\$89.95*
AMD Phenom II X4 840T	3598	1139	51.42	\$69.99*
AMD Phenom II X4 850	3549	1152	54.62	\$64.99*
AMD Phenom II X4 900e	2882	1365	NA	NA
AMD Phenom II X4 905e	3078	1292	57.02	\$53.99*
AMD Phenom II X4 910	3252	1232	32.52	\$100.00*
AMD Phenom II X4 910e	3254	1230	20.73	\$156.99*
AMD Phenom II X4 920	3393	1194	42.42	\$79.99
AMD Phenom II X4 925	3417	1186	77.69	\$43.99*
AMD Phenom II X4 940	3591	1141	60.52	\$59.34*
AMD Phenom II X4 945	3654	1130	56.27	\$64.95
AMD Phenom II X4 955	3924	1064	30.15	\$130.16*
AMD Phenom II X4 960T	3781	1095	59.10	\$63.99*
AMD Phenom II X4 965	4181	1013	49.78	\$84.01
AMD Phenom II X4 970	4320	985	29.17	\$148.11*
AMD Phenom II X4 973	3759	1103	NA	NA
AMD Phenom II X4 975	4453	955	31.88	\$139.69*
AMD Phenom II X4 977	3750	1106	NA	NA
AMD Phenom II X4 980	4490	951	19.52	\$229.99*
AMD Phenom II X4 8700e	2377	1534	NA	NA
AMD Phenom II X4 B05e	2792	1389	NA	NA
AMD Phenom II X4 B15e	2736	1411	NA	NA
AMD Phenom II X4 B25	3297	1221	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B35	3383	1198	NA	NA
AMD Phenom II X4 B40	3361	1203	NA	NA
AMD Phenom II X4 B45	3467	1175	NA	NA
AMD Phenom II X4 B50	3697	1119	NA	NA
AMD Phenom II X4 B55	3855	1074	NA	NA
AMD Phenom II X4 B60	4043	1034	NA	NA
AMD Phenom II X4 B65	4172	1014	NA	NA
AMD Phenom II X4 B70	4261	996	NA	NA
AMD Phenom II X4 B93	3356	1206	NA	NA
AMD Phenom II X4 B95	3684	1124	50.51	\$72.95*
AMD Phenom II X4 B97	3863	1072	67.80	\$56.99*
AMD Phenom II X4 B99	4130	1022	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1035T	4643	913	24.57	\$189.00*
AMD Phenom II X6 1045T	4797	892	44.42	\$108.01*
AMD Phenom II X6 1055T	4958	860	61.80	\$80.24*
AMD Phenom II X6 1065T	5041	842	NA	NA
AMD Phenom II X6 1075T	5328	793	47.16	\$112.99*
AMD Phenom II X6 1090T	5563	754	14.05	\$396.08*
AMD Phenom II X6 1100T	5708	735	32.16	\$177.49*
AMD Phenom II X6 1405T	5042	841	NA	NA
AMD Phenom II X620 Dual-Core	2189	1612	NA	NA
AMD Phenom II X640 Dual-Core	2021	1678	NA	NA
AMD Phenom II X920 Quad-Core	2650	1434	NA	NA
AMD Phenom II X940 Quad-Core	2695	1421	NA	NA
AMD Phenom Ultra X4 24500	3945	1060	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1839	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1605	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1805	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2106	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1967	NA	NA
AMD Phenom X3 8550	1927	1719	11.34	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1799	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1688	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1595	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1360	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1417	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1423	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2089	NA	NA
AMD PRO A4-3350B APU	2274	1575	NA	NA
AMD PRO A4-8350B	2776	1395	NA	NA
AMD PRO A6-7350B	2759	1402	NA	NA
AMD PRO A6-8500B	2516	1484	NA	NA
AMD PRO A6-8530B	2388	1528	NA	NA
AMD PRO A6-8550B	2970	1328	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A6-8570	3049	1305	NA	NA
AMD PRO A6-8570E	2824	1378	NA	NA
AMD PRO A6-9500	2950	1333	39.88	\$74.00*
AMD PRO A6-9500B	2076	1657	NA	NA
AMD PRO A6-9500E	2717	1416	36.73	\$74.00*
AMD PRO A8-8600B	3513	1164	NA	NA
AMD PRO A8-8650B	5245	804	NA	NA
AMD PRO A8-8670E	5015	847	NA	NA
AMD PRO A8-9600	5277	798	44.35	\$119.00*
AMD PRO A8-9600B	3964	1053	NA	NA
AMD PRO A10-8700B	3553	1151	NA	NA
AMD PRO A10-8730B	3971	1050	NA	NA
AMD PRO A10-8750B	5473	764	NA	NA
AMD PRO A10-8770	5707	736	NA	NA
AMD PRO A10-8770E	5035	844	NA	NA
AMD PRO A10-8850B	5852	721	NA	NA
AMD PRO A10-9700	5677	741	33.59	\$169.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A10-9700B	4380	971	NA	NA
AMD PRO A10-9700E	5066	833	36.45	\$139.00*
AMD PRO A12-8800B	4119	1025	NA	NA
AMD PRO A12-8830B	4315	988	NA	NA
AMD PRO A12-8870	6067	701	NA	NA
AMD PRO A12-8870E	5186	814	NA	NA
AMD PRO A12-9800	6132	692	36.29	\$169.00*
AMD PRO A12-9800B	4124	1024	NA	NA
AMD PRO A12-9800E	4769	895	28.22	\$169.00*
AMD QC-4000	1663	1863	NA	NA
AMD R-260H APU	1576	1907	NA	NA
AMD R-460L APU	1954	1706	NA	NA
AMD R-464L APU	3117	1280	NA	NA
AMD RX-427BB	4351	978	NA	NA
AMD Ryzen 3 1200	6731	635	103.57	\$64.99
AMD Ryzen 3 1300X	7505	555	62.55	\$119.99
AMD Ryzen 3 2200G	7305	582	85.96	\$84.99
AMD Ryzen 3 2200GE	6829	622	NA	NA
AMD Ryzen 3 2200U	4579	931	NA	NA
AMD Ryzen 3 2300U	6144	690	NA	NA
AMD Ryzen 3 2300X	8423	465	NA	NA
AMD Ryzen 3 3200U	5088	824	NA	NA
AMD Ryzen 3 PRO 1200	7069	600	NA	NA
AMD Ryzen 3 PRO 1300	8022	507	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	821	NA	NA
AMD Ryzen 3 PRO 2200G	8042	504	NA	NA
AMD Ryzen 3 PRO 2200GE	7630	548	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 3 PRO 2300U	7124	596	NA	NA
AMD Ryzen 3 PRO 3200GE	8147	492	NA	NA
AMD Ryzen 3 PRO 3300U	7398	570	NA	NA
AMD Ryzen 5 1400	8365	473	60.12	\$139.16
AMD Ryzen 5 1500X	10078	315	71.31	\$141.33
AMD Ryzen 5 1600	12284	228	106.91	\$114.90
AMD Ryzen 5 1600X	13206	201	85.76	\$153.99
AMD Ryzen 5 2400G	9315	385	73.94	\$125.99
AMD Ryzen 5 2400GE	8808	437	NA	NA
AMD Ryzen 5 2500U	7357	576	NA	NA
AMD Ryzen 5 2500X	9663	356	NA	NA
AMD Ryzen 5 2600	13509	199	96.50	\$139.99
AMD Ryzen 5 2600H	8366	472	NA	NA
AMD Ryzen 5 2600X	14375	163	89.85	\$159.99
AMD Ryzen 5 3500U	8256	480	NA	NA
AMD Ryzen 5 3550H	8442	464	NA	NA
AMD Ryzen 5 3600	20035	57	64.63	\$309.99
AMD Ryzen 5 3600X	20561	52	82.74	\$248.50
AMD Ryzen 5 PRO 1500	10133	307	NA	NA
AMD Ryzen 5 PRO 1600	12213	230	NA	NA
AMD Ryzen 5 PRO 2400G	9996	322	NA	NA
AMD Ryzen 5 PRO 2400GE	8561	458	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 PRO 2500U	8374	471	NA	NA
AMD Ryzen 5 PRO 2600	14221	168	NA	NA
AMD Ryzen 5 PRO 3600	20850	50	NA	NA
AMD Ryzen 7 1700	13774	187	48.85	\$281.98
AMD Ryzen 7 1700X	14682	154	89.53	\$163.99
AMD Ryzen 7 1800X	15422	140	64.66	\$238.53
AMD Ryzen 7 2700	15007	147	75.04	\$199.99
AMD Ryzen 7 2700U	7395	571	NA	NA
AMD Ryzen 7 2700X	16979	100	65.31	\$259.99
AMD Ryzen 7 2800H	8498	460	NA	NA
AMD Ryzen 7 3700U	8012	510	NA	NA
AMD Ryzen 7 3700X	23882	25	46.83	\$509.99
AMD Ryzen 7 3750H	9011	417	NA	NA
AMD Ryzen 7 PRO 1700	14171	171	NA	NA
AMD Ryzen 7 PRO 1700X	15367	143	NA	NA
AMD Ryzen 7 PRO 2700	15714	136	NA	NA
AMD Ryzen 7 PRO 2700U	8839	436	NA	NA
AMD Ryzen 7 PRO 2700X	17161	97	NA	NA
AMD Ryzen 7 PRO 3700U	7674	542	NA	NA
AMD Ryzen 9 3900X	32312	1	64.76	\$499.00*
AMD Ryzen Embedded R1505G	4733	901	NA	NA
AMD Ryzen Embedded V1202B	4368	974	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Embedded V1605B	7454	561	NA	NA
AMD Ryzen Embedded V1807B	8604	455	NA	NA
AMD Ryzen Threadripper 1900X	16134	122	55.64	\$289.99
AMD Ryzen Threadripper 1920X	19565	68	53.66	\$364.59
AMD Ryzen Threadripper 1950X	21829	39	43.66	\$499.99
AMD Ryzen Threadripper 2920X	22094	34	40.80	\$541.49
AMD Ryzen Threadripper 2950X	25530	16	34.64	\$737.10
AMD Ryzen Threadripper 2970WX	21586	41	17.94	\$1,203.46
AMD Ryzen Threadripper 2990WX	23257	29	14.38	\$1,617.11
AMD Ryzen Threadripper 2990X	19227	73	NA	NA
AMD Sempron 130	656	2394	26.29	\$24.99*
AMD Sempron 140	738	2355	18.64	\$39.59*
AMD Sempron 145	806	2327	8.49	\$94.92
AMD Sempron 150	707	2368	15.74	\$44.95*
AMD Sempron 200U	267	2759	3.08	\$87.00*
AMD Sempron 210U	391	2605	NA	NA
AMD Sempron 240	2110	1642	36.39	\$58.00
AMD Sempron 2100+	392	2603	NA	NA
AMD Sempron 2200+	281	2743	9.38	\$29.99*
AMD Sempron 2300+	318	2680	7.07	\$45.00*
AMD Sempron 2400+	314	2687	12.10	\$26.00*
AMD Sempron 2500+	335	2663	6.11	\$54.95*
AMD Sempron 2600+	373	2621	10.70	\$34.95
AMD Sempron 2650 APU	947	2251	17.66	\$53.68
AMD Sempron 2800+	383	2609	6.40	\$59.95
AMD Sempron 3000+	408	2576	20.41	\$20.00
AMD Sempron 3100+	452	2530	7.53	\$60.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 3200+	406	2577	3.10	\$131.22*
AMD Sempron 3300+	484	2499	8.07	\$60.00
AMD Sempron 3400+	454	2528	3.47	\$131.22*
AMD Sempron 3500+	379	2612	18.98	\$20.00*
AMD Sempron 3600+	483	2501	40.30	\$12.00*
AMD Sempron 3800+	554	2446	3.62	\$152.92*
AMD Sempron 3850 APU	1715	1824	21.10	\$81.33
AMD Sempron Dual Core 2100	936	2258	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2216	NA	NA
AMD Sempron Dual Core 2300	982	2224	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2250	NA	NA
AMD Sempron Dual Core 4900	1081	2167	NA	NA
AMD Sempron LE-250	490	2488	NA	NA
AMD Sempron LE-1100	438	2547	NA	NA
AMD Sempron LE-1150	444	2538	NA	NA
AMD Sempron LE-1200	528	2460	NA	NA
AMD Sempron LE-1250	541	2452	5.41	\$99.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron LE-1300	598	2422	28.51	\$21.00
AMD Sempron LE-1600	535	2457	NA	NA
AMD Sempron LE-1620	635	2404	NA	NA
AMD Sempron LE-1640	759	2345	NA	NA
AMD Sempron M100	563	2442	46.99	\$12.00*
AMD Sempron M120	582	2431	NA	NA
AMD Sempron SI-40	443	2540	36.93	\$12.00*
AMD Sempron SI-42	456	2527	15.22	\$30.01*
AMD Sempron X2 180	1222	2084	17.62	\$69.40*
AMD Sempron X2 190	1512	1937	18.12	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1979	NA	NA
AMD Turion 64 Mobile MK-36	465	2514	NA	NA
AMD Turion 64 Mobile MK-38	513	2472	NA	NA
AMD Turion 64 Mobile ML-28	390	2606	NA	NA
AMD Turion 64 Mobile ML-30	402	2587	NA	NA
AMD Turion 64 Mobile ML-32	402	2585	NA	NA
AMD Turion 64 Mobile ML-34	425	2563	NA	NA
AMD Turion 64 Mobile ML-37	442	2541	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2466	NA	NA
AMD Turion 64 Mobile ML-42	615	2413	NA	NA
AMD Turion 64 Mobile ML-44	591	2424	NA	NA
AMD Turion 64 Mobile MT-28	419	2565	NA	NA
AMD Turion 64 Mobile MT-30	378	2613	NA	NA
AMD Turion 64 Mobile MT-32	426	2562	NA	NA
AMD Turion 64 Mobile MT-34	429	2558	NA	NA
AMD Turion 64 Mobile MT-37	484	2498	NA	NA
AMD Turion 64 Mobile MT-40	536	2455	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2351	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2341	NA	NA
AMD Turion 64 X2 Mobile TL-56	891	2286	63.89	\$13.95*
AMD Turion 64 X2 Mobile TL-58	946	2253	NA	NA
AMD Turion 64 X2 Mobile TL-60	996	2215	62.48	\$15.95*
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-62	1087	2161	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1092	2159	27.72	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2133	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2119	12.92	\$90.00*
AMD Turion Dual-Core RM-70	912	2276	36.49	\$25.00*
AMD Turion Dual-Core RM-72	860	2295	21.52	\$39.99
AMD Turion Dual-Core RM-74	1016	2202	NA	NA
AMD Turion Dual-Core RM-75	977	2226	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1293	2039	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2030	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	2017	NA	NA
AMD Turion II N530 Dual-Core	1583	1905	52.78	\$30.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II N550 Dual-Core	1521	1927	NA	NA
AMD Turion II Neo K625 Dual-Core	975	2228	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2103	NA	NA
AMD Turion II Neo N40L Dual-Core	925	2265	NA	NA
AMD Turion II Neo N54L Dual-Core	1364	1999	NA	NA
AMD Turion II P520 Dual-Core	1359	2004	NA	NA
AMD Turion II P540 Dual-Core	1430	1970	28.65	\$49.95*
AMD Turion II P560 Dual-Core	1514	1936	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	1980	52.55	\$26.76
AMD Turion II Ultra Dual-Core Mobile M620	1435	1968	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1856	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1922	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2323	NA	NA
AMD Turion X2 Dual Core L510	923	2268	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2297	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2177	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	993	2220	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2164	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2176	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1135	2135	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2127	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1017	2201	16.42	\$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2165	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2091	63.72	\$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2076	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	2037	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1232	2080	30.86	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2213	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2193	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1959	NA	NA
AMD V105	299	2707	NA	NA
AMD V120	623	2411	NA	NA
AMD V140	643	2401	12.89	\$49.95*
AMD V160	677	2385	NA	NA
AMD Z-01	523	2465	NA	NA
AMD Z-60 APU	500	2483	NA	NA
AMD-K6 3D	90	2883	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD-K6-III	108	2880	NA	NA
AMD-K7	403	2584	NA	NA
Athlon 64 Dual Core 3800+	1234	2077	NA	NA
Athlon 64 Dual Core 4200+	1156	2123	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	1996	NA	NA
Athlon 64 Dual Core 5000+	1507	1938	NA	NA
Athlon 64 Dual Core 5400+	1614	1890	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Athlon 64 Dual Core 5600+	1548	1916	NA	NA
Athlon Dual Core 4050e	968	2233	NA	NA
Athlon Dual Core 4450e	1204	2093	NA	NA
Athlon Dual Core 4850e	1327	2021	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1372	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1085	2163	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1171	2113	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1201	2096	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	2055	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2092	NA	NA
HP Hexa-Core 2.0GHz	2178	1614	4.32	\$504.27*
Intel 2.80GHz	525	2463	NA	NA
Intel 1300 @ 1.66GHz	857	2299	NA	NA
Intel 1400 @ 1.83GHz	980	2225	NA	NA
Intel 1500 @ 2.00GHz	1024	2195	NA	NA
Intel Atom 230 @ 1.60GHz	307	2694	NA	NA
Intel Atom 330 @ 1.60GHz	587	2428	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2284	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2240	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1652	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1583	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1616	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	1091	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1209	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1264	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1503	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1474	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	880	14.62	\$332.00*
Intel Atom D410 @ 1.66GHz	301	2703	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2655	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2393	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2369	NA	NA
Intel Atom D2500 @ 1.86GHz	403	2582	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2383	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2365	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2308	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2362	NA	NA
Intel Atom E660 @ 1.30GHz	271	2755	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2652	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2668	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2433	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2490	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom E3827 @ 1.74GHz	849	2304	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2120	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom E3845 @ 1.91GHz	1504	1940	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1754	NA	NA
Intel Atom E3950 @ 1.60GHz	1872	1753	NA	NA
Intel Atom K510 @ 1.66GHz	658	2392	NA	NA
Intel Atom N270 @ 1.60GHz	269	2758	NA	NA
Intel Atom N280 @ 1.66GHz	283	2736	NA	NA
Intel Atom N435 @ 1.33GHz	261	2766	NA	NA
Intel Atom N450 @ 1.66GHz	295	2715	NA	NA
Intel Atom N455 @ 1.66GHz	283	2734	NA	NA
Intel Atom N470 @ 1.83GHz	318	2679	NA	NA
Intel Atom N475 @ 1.83GHz	314	2685	NA	NA
Intel Atom N550 @ 1.50GHz	524	2464	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	572	2438	6.66	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2699	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2461	NA	NA
Intel Atom N2800 @ 1.86GHz	624	2410	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2273	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1670	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2324	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1624	1887	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1193	2099	8.98	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1018	2200	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1269	2059	60.44	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1693	1844	27.07	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1831	1776	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1894	1740	25.73	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1889	1746	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2834	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2810	NA	NA
Intel Atom Z520 @ 1.33GHz	217	2811	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2742	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2649	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2610	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2790	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2441	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2274	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2263	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2281	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2282	NA	NA
Intel Atom Z3736F @ 1.33GHz	919	2272	NA	NA
Intel Atom Z3740 @ 1.33GHz	1061	2175	NA	NA
Intel Atom Z3740D @ 1.33GHz	1025	2194	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2170	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1034	2189	NA	NA
Intel Atom Z3770 @ 1.46GHz	1245	2074	8.34	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2328	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3775 @ 1.46GHz	1260	2062	36.00	\$35.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3775D @ 1.49GHz	1278	2052	NA	NA
Intel Atom Z3795 @ 1.60GHz	1772	1795	NA	NA
Intel Celeron 1.70GHz	130	2873	NA	NA
Intel Celeron 1.80GHz	136	2870	NA	NA
Intel Celeron 2.00GHz	182	2846	NA	NA
Intel Celeron 2.10GHz	244	2788	NA	NA
Intel Celeron 2.13GHz	208	2821	NA	NA
Intel Celeron 2.20GHz	213	2816	NA	NA
Intel Celeron 2.26GHz	223	2805	NA	NA
Intel Celeron 2.30GHz	227	2802	NA	NA
Intel Celeron 2.40GHz	217	2812	NA	NA
Intel Celeron 2.50GHz	247	2782	NA	NA
Intel Celeron 2.53GHz	245	2786	NA	NA
Intel Celeron 2.60GHz	238	2793	NA	NA
Intel Celeron 2.66GHz	250	2779	NA	NA
Intel Celeron 2.70GHz	245	2787	NA	NA
Intel Celeron 2.80GHz	254	2772	NA	NA
Intel Celeron 2.93GHz	283	2735	NA	NA
Intel Celeron 3.06GHz	284	2731	NA	NA
Intel Celeron 3.20GHz	288	2724	NA	NA
Intel Celeron 3.33GHz	333	2666	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2674	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2676	NA	NA
Intel Celeron 420 @ 1.60GHz	451	2531	11.29	\$39.99*
Intel Celeron 430 @ 1.80GHz	489	2489	9.11	\$53.75
Intel Celeron 440 @ 2.00GHz	548	2447	9.14	\$59.99
Intel Celeron 450 @ 2.20GHz	625	2409	20.86	\$29.99*
Intel Celeron 530 @ 1.73GHz	470	2510	20.47	\$22.99*
Intel Celeron 540 @ 1.86GHz	521	2467	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2469	7.96	\$64.95
Intel Celeron 560 @ 2.13GHz	535	2456	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2468	NA	NA
Intel Celeron 600MHz	147	2866	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2580	NA	NA
Intel Celeron 743 @ 1.30GHz	429	2557	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2349	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2627	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2414	NA	NA
Intel Celeron 847 @ 1.10GHz	934	2259	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1021	2198	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2131	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2111	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1290	2043	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 887 @ 1.50GHz	1280	2051	NA	NA
Intel Celeron 900 @ 2.20GHz	677	2386	23.38	\$28.99
Intel Celeron 925 @ 2.30GHz	688	2379	NA	NA
Intel Celeron 1000M @ 1.80GHz	1677	1850	NA	NA
Intel Celeron 1000MHz	213	2815	NA	NA
Intel Celeron 1005M @ 1.90GHz	1811	1782	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1007U @ 1.50GHz	1389	1985	7.51	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1521	1926	NA	NA
Intel Celeron 1019Y @ 1.00GHz	946	2254	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1596	NA	NA
Intel Celeron 1037U @ 1.80GHz	1736	1813	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2102	NA	NA
Intel Celeron 1066MHz	259	2768	NA	NA
Intel Celeron 1100MHz	174	2852	NA	NA
Intel Celeron 1133MHz	282	2737	NA	NA
Intel Celeron 1200MHz	244	2789	NA	NA
Intel Celeron 1300MHz	288	2726	NA	NA
Intel Celeron 1333MHz	290	2720	NA	NA
Intel Celeron 1400MHz	302	2700	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1541	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1892	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1984	1694	NA	NA
Intel Celeron 2955U @ 1.40GHz	1422	1975	NA	NA
Intel Celeron 2957U @ 1.40GHz	1435	1969	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2145	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1555	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1902	NA	NA
Intel Celeron 2981U @ 1.60GHz	1522	1925	NA	NA
Intel Celeron 3205U @ 1.50GHz	1499	1943	5.22	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1641	1872	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1836	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1690	NA	NA
Intel Celeron 3855U @ 1.60GHz	1680	1849	NA	NA
Intel Celeron 3865U @ 1.80GHz	1898	1737	NA	NA
Intel Celeron 3867U @ 1.80GHz	1843	1766	17.23	\$107.00*
Intel Celeron 3955U @ 2.00GHz	1913	1729	NA	NA
Intel Celeron 3965U @ 2.20GHz	2346	1544	21.93	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1629	1882	15.23	\$107.00*
Intel Celeron 4205U @ 1.80GHz	1953	1708	18.25	\$107.00*
Intel Celeron @ 1.30GHz	965	2234	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2840	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2321	NA	NA
Intel Celeron B800 @ 1.50GHz	1276	2054	NA	NA
Intel Celeron B810 @ 1.60GHz	1425	1972	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron B815 @ 1.60GHz	1366	1997	NA	NA
Intel Celeron B820 @ 1.70GHz	1428	1971	36.35	\$39.29*
Intel Celeron B830 @ 1.80GHz	1515	1935	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1821	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2757	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2701	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2682	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2662	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2581	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2502	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2429	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron E1200 @ 1.60GHz	858	2298	7.80	\$109.95*
Intel Celeron E1400 @ 2.00GHz	1048	2182	11.65	\$89.95
Intel Celeron E1500 @ 2.20GHz	1169	2115	59.51	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2064	NA	NA
Intel Celeron E3200 @ 2.40GHz	1383	1988	26.62	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1386	1987	21.33	\$64.99
Intel Celeron E3400 @ 2.60GHz	1439	1966	2.36	\$610.00*
Intel Celeron E3500 @ 2.70GHz	1454	1958	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	694	2375	13.90	\$49.99*
Intel Celeron G460 @ 1.80GHz	1035	2188	15.93	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2173	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2036	NA	NA
Intel Celeron G530 @ 2.40GHz	2132	1629	53.32	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1823	NA	NA
Intel Celeron G540 @ 2.50GHz	2195	1610	48.79	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1639	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1564	28.63	\$80.00
Intel Celeron G550T @ 2.20GHz	2063	1662	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1515	60.57	\$40.00*
Intel Celeron G1101 @ 2.27GHz	1667	1859	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2489	1494	52.97	\$47.00
Intel Celeron G1610T @ 2.30GHz	2270	1579	56.72	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2577	1458	16.78	\$153.59*
Intel Celeron G1620T @ 2.40GHz	2353	1543	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1492	35.63	\$69.99
Intel Celeron G1820 @ 2.70GHz	2755	1405	30.62	\$89.99
Intel Celeron G1820T @ 2.40GHz	2496	1491	59.44	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1630	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1472	26.80	\$94.95
Intel Celeron G1840 @ 2.80GHz	2859	1369	48.53	\$58.93
Intel Celeron G1840T @ 2.50GHz	2551	1469	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1349	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3143	1273	55.19	\$56.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3900E @ 2.40GHz	2679	1426	NA	NA
Intel Celeron G3900T @ 2.60GHz	2925	1345	26.01	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1452	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1277	29.19	\$106.99
Intel Celeron G3930 @ 2.90GHz	3034	1306	59.30	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1398	41.96	\$65.93*
Intel Celeron G3950 @ 3.00GHz	3049	1304	42.82	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3270	1225	77.87	\$42.00
Intel Celeron G4900T @ 2.90GHz	3096	1285	NA	NA
Intel Celeron G4920 @ 3.20GHz	3192	1250	47.66	\$66.99
Intel Celeron J1750 @ 2.41GHz	1037	2187	NA	NA
Intel Celeron J1800 @ 2.41GHz	1029	2192	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1888	NA	NA
Intel Celeron J1900 @ 1.99GHz	1839	1771	NA	NA
Intel Celeron J3060 @ 1.60GHz	974	2229	NA	NA
Intel Celeron J3160 @ 1.60GHz	1794	1788	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron J3355 @ 2.00GHz	1194	2098	NA	NA
Intel Celeron J3455 @ 1.50GHz	2118	1638	5.72	\$369.99*
Intel Celeron J4005 @ 2.00GHz	1541	1919	10.97	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2633	1438	24.61	\$107.00*
Intel Celeron M 1.00GHz	207	2822	16.60	\$12.49
Intel Celeron M 1.30GHz	316	2681	NA	NA
Intel Celeron M 1.50GHz	343	2657	NA	NA
Intel Celeron M 1.60GHz	364	2636	NA	NA
Intel Celeron M 1.70GHz	393	2602	NA	NA
Intel Celeron M 360 1.40GHz	328	2670	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2683	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2659	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2629	NA	NA
Intel Celeron M 440 @ 1.86GHz	397	2593	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2774	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2533	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2555	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2518	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2451	NA	NA
Intel Celeron M 600MHz	151	2864	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2526	NA	NA
Intel Celeron M 900MHz	204	2824	NA	NA
Intel Celeron M 1200MHz	275	2752	NA	NA
Intel Celeron M 1300MHz	303	2697	NA	NA
Intel Celeron M 1500MHz	333	2667	NA	NA
Intel Celeron M ULV 800MHz	184	2844	NA	NA
Intel Celeron N2805 @ 1.46GHz	461	2523	NA	NA
Intel Celeron N2806 @ 1.60GHz	791	2333	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	855	2301	NA	NA
Intel Celeron N2808 @ 1.58GHz	908	2280	NA	NA
Intel Celeron N2810 @ 2.00GHz	787	2334	5.62	\$139.99*
Intel Celeron N2815 @ 1.86GHz	852	2303	NA	NA
Intel Celeron N2820 @ 2.13GHz	923	2267	4.40	\$209.99
Intel Celeron N2830 @ 2.16GHz	955	2246	NA	NA
Intel Celeron N2840 @ 2.16GHz	1002	2207	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2094	NA	NA
Intel Celeron N2920 @ 1.86GHz	1500	1941	NA	NA
Intel Celeron N2930 @ 1.83GHz	1627	1884	NA	NA
Intel Celeron N2940 @ 1.83GHz	1730	1815	NA	NA
Intel Celeron N3000 @ 1.04GHz	909	2278	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2235	NA	NA
Intel Celeron N3050 @ 1.60GHz	877	2289	5.24	\$167.40
Intel Celeron N3060 @ 1.60GHz	989	2222	NA	NA
Intel Celeron N3150 @ 1.60GHz	1656	1865	NA	NA
Intel Celeron N3160 @ 1.60GHz	1664	1861	5.38	\$309.19
Intel Celeron N3350 @ 1.10GHz	1111	2144	NA	NA
Intel Celeron N3450 @ 1.10GHz	1842	1767	5.85	\$314.99*
Intel Celeron N4000 @ 1.10GHz	1441	1965	13.48	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2286	1566	21.37	\$107.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron P4500 @ 1.87GHz	1119	2137	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2218	NA	NA
Intel Celeron P4600 @ 2.00GHz	1344	2011	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2338	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2249	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2178	35.29	\$29.99*
Intel Celeron U1900 @ 1.99GHz	1704	1835	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2360	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2380	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2326	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2180	6.57	\$159.95*
Intel Core2 Duo E4400 @ 2.00GHz	1156	2122	23.14	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1271	2056	17.84	\$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1383	1989	8.76	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	1950	54.88	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1109	2147	85.39	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2104	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1289	2044	43.07	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1361	2002	27.24	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	1961	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1944	100.26	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1554	1915	103.68	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1843	56.47	\$29.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6750 @ 2.66GHz	1714	1825	166.48	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1946	1710	38.95	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1629	1883	33.25	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1725	1818	43.26	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1771	1796	61.09	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1874	1750	125.05	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1966	1702	16.40	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1580	1906	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1746	1806	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1884	1748	37.69	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1705	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1542	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1991	1689	99.61	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1763	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1633	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2149	1624	47.24	\$45.50
Intel Core2 Duo E8435 @ 3.06GHz	2127	1634	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2282	1570	57.07	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2399	1525	56.53	\$42.45*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1604	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2343	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2381	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2317	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2305	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	959	2242	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2230	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo L7800 @ 2.00GHz	1116	2138	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1074	2172	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1345	2010	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1291	2041	64.59	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	2035	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1417	1977	35.46	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2256	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1931	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1452	1960	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2197	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1454	1957	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1921	31.24	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1886	42.77	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1810	30.57	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1912	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1753	1803	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1745	1807	17.63	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1864	1758	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P9700 @ 2.80GHz	2015	1680	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2427	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1251	2069	4.95	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1852	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	929	2261	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	832	2312	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	838	2311	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2322	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	932	2260	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2275	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2279	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2269	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1044	2184	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2191	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	993	2219	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1093	2158	109.45	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1115	2140	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1200	2097	75.48	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1148	2129	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2090	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2082	81.80	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1286	2046	85.85	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1258	2063	32.69	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1361	2001	72.05	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1360	2003	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1018	2199	46.32	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	2116	11.69	\$99.95
Intel Core2 Duo T7250 @ 2.00GHz	1115	2139	5.54	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1193	2100	38.51	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1249	2071	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1270	2058	29.55	\$42.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T7600 @ 2.33GHz	1379	1993	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1423	1974	10.17	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1597	1900	2.63	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1296	2038	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1472	1952	13.52	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1673	1853	28.86	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1738	1811	24.86	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1798	1786	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1805	1784	6.04	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1720	21.42	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2020	1679	4.77	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2132	1628	5.35	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	874	2291	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo U7500 @ 1.06GHz	590	2425	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2388	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2374	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2296	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1128	2136	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1845	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1128	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3634	1132	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1178	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1873	1752	7.11	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1785	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2019	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1847	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1896	1739	4.63	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2068	1660	2.43	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4156	1017	4.83	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	948	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	922	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	911	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2948	1334	73.76	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3282	1224	72.97	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2811	1384	122.29	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2980	1322	59.62	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3161	1265	13.18	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2524	1477	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1236	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3159	1267	15.84	\$199.50*
Intel Core2 Quad Q9400 @ 2.66GHz	3340	1212	69.59	\$48.01*
Intel Core2 Quad Q9450 @ 2.66GHz	3758	1104	105.27	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3525	1159	100.74	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3544	1153	18.66	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3963	1054	89.10	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4160	1016	37.84	\$109.95
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1058	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2640	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2690	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Solo U3300 @ 1.20GHz	415	2567	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	464	2515	NA	NA
Intel Core 330 @ 1.60GHz	643	2400	NA	NA
Intel Core 860 @ 2.80GHz	4555	934	26.96	\$169.00
Intel Core Duo L2300 @ 1.50GHz	719	2363	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2371	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2350	NA	NA
Intel Core Duo T2050 @ 1.60GHz	694	2376	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo T2250 @ 1.73GHz	756	2347	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2358	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2342	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2329	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2316	NA	NA
Intel Core Duo T2500 @ 2.00GHz	867	2293	7.23	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2257	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2196	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2449	NA	NA
Intel Core Duo U2500 @ 1.20GHz	511	2475	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1717	NA	NA
Intel Core i3-330M @ 2.13GHz	1787	1791	11.17	\$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2171	NA	NA
Intel Core i3-350M @ 2.27GHz	1891	1742	17.37	\$108.95*
Intel Core i3-370M @ 2.40GHz	2014	1681	50.42	\$39.96*
Intel Core i3-380M @ 2.53GHz	2092	1648	9.97	\$209.95*
Intel Core i3-380UM @ 1.33GHz	1160	2121	NA	NA
Intel Core i3-390M @ 2.67GHz	2183	1613	56.06	\$38.95*
Intel Core i3-530 @ 2.93GHz	2566	1464	13.58	\$189.00*
Intel Core i3-540 @ 3.07GHz	2688	1424	23.68	\$113.55
Intel Core i3-550 @ 3.20GHz	2829	1375	16.10	\$175.74
Intel Core i3-560 @ 3.33GHz	2934	1339	16.31	\$179.95*
Intel Core i3-2100 @ 3.10GHz	3689	1123	67.09	\$54.99
Intel Core i3-2100T @ 2.50GHz	2962	1331	49.39	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1110	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3710	1116	32.27	\$114.99*
Intel Core i3-2120 @ 3.30GHz	3929	1063	56.14	\$69.99
Intel Core i3-2120T @ 2.60GHz	3164	1263	19.78	\$160.00*
Intel Core i3-2125 @ 3.30GHz	4005	1042	19.35	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4071	1030	35.40	\$114.99
Intel Core i3-2140 @ 3.50GHz	4325	984	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1371	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2432	1512	54.06	\$44.99
Intel Core i3-2312M @ 2.10GHz	2374	1535	NA	NA
Intel Core i3-2328M @ 2.20GHz	2545	1470	27.38	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1293	NA	NA
Intel Core i3-2330M @ 2.20GHz	2524	1476	50.55	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1532	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1820	NA	NA
Intel Core i3-2348M @ 2.30GHz	2620	1442	NA	NA
Intel Core i3-2350M @ 2.30GHz	2627	1440	18.77	\$139.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2357M @ 1.30GHz	1556	1914	NA	NA
Intel Core i3-2365M @ 1.40GHz	1676	1851	NA	NA
Intel Core i3-2367M @ 1.40GHz	1707	1832	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2370M @ 2.40GHz	2777	1394	69.77	\$39.81
Intel Core i3-2375M @ 1.50GHz	1776	1794	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1777	NA	NA
Intel Core i3-3110M @ 2.40GHz	3083	1290	38.56	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3223	1241	29.31	\$110.00*
Intel Core i3-3130M @ 2.60GHz	3390	1195	NA	NA
Intel Core i3-3210 @ 3.20GHz	4040	1035	13.79	\$293.00
Intel Core i3-3217U @ 1.80GHz	2301	1561	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1620	NA	NA
Intel Core i3-3220 @ 3.30GHz	4244	999	53.73	\$79.00
Intel Core i3-3220T @ 2.80GHz	3693	1120	27.36	\$135.00
Intel Core i3-3225 @ 3.30GHz	4343	980	13.37	\$324.99
Intel Core i3-3227U @ 1.90GHz	2467	1501	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1838	NA	NA
Intel Core i3-3240 @ 3.40GHz	4316	987	86.34	\$50.00
Intel Core i3-3240T @ 2.90GHz	3655	1129	NA	NA
Intel Core i3-3245 @ 3.40GHz	4444	959	24.83	\$179.01
Intel Core i3-3250 @ 3.50GHz	4447	956	46.82	\$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1134	NA	NA
Intel Core i3-4000M @ 2.40GHz	3255	1229	16.28	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2444	1508	NA	NA
Intel Core i3-4010U @ 1.70GHz	2439	1509	8.44	\$289.00
Intel Core i3-4010Y @ 1.30GHz	1900	1736	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2164	1619	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2213	1603	NA	NA
Intel Core i3-4025U @ 1.90GHz	2787	1392	NA	NA
Intel Core i3-4030U @ 1.90GHz	2719	1415	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1487	NA	NA
Intel Core i3-4100M @ 2.50GHz	3428	1184	15.69	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	1069	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1358	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1303	NA	NA
Intel Core i3-4130 @ 3.40GHz	4803	888	53.38	\$90.00
Intel Core i3-4130T @ 2.90GHz	4144	1020	46.57	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4898	871	49.48	\$99.00
Intel Core i3-4150T @ 3.00GHz	4229	1001	18.39	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1346	NA	NA
Intel Core i3-4160 @ 3.60GHz	5053	838	46.36	\$109.00
Intel Core i3-4160T @ 3.10GHz	4445	957	29.64	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5192	811	19.97	\$259.95
Intel Core i3-4170T @ 3.20GHz	4545	940	21.65	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5085	825	32.45	\$156.70
Intel Core i3-4330T @ 3.00GHz	4485	952	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1246	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	805	27.60	\$189.99
Intel Core i3-4350 @ 3.60GHz	4990	852	29.36	\$169.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4350T @ 3.10GHz	4302	991	NA	NA
Intel Core i3-4360 @ 3.70GHz	5461	771	21.09	\$259.00
Intel Core i3-4360T @ 3.20GHz	4636	916	NA	NA
Intel Core i3-4370 @ 3.80GHz	5613	751	18.17	\$309.00*
Intel Core i3-4370T @ 3.30GHz	4870	873	35.29	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	864	NA	NA
Intel Core i3-5005U @ 2.00GHz	2907	1352	NA	NA
Intel Core i3-5010U @ 2.10GHz	3055	1299	9.05	\$337.76*
Intel Core i3-5015U @ 2.10GHz	3006	1316	NA	NA
Intel Core i3-5020U @ 2.20GHz	3197	1248	6.97	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3663	1127	NA	NA
Intel Core i3-6006U @ 2.00GHz	3083	1289	NA	NA
Intel Core i3-6098P @ 3.60GHz	5408	776	40.44	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5482	763	44.23	\$123.96
Intel Core i3-6100E @ 2.70GHz	3769	1097	NA	NA
Intel Core i3-6100H @ 2.70GHz	4222	1004	NA	NA
Intel Core i3-6100T @ 3.20GHz	4850	881	35.94	\$134.99*
Intel Core i3-6100TE @ 2.70GHz	4304	989	NA	NA
Intel Core i3-6100U @ 2.30GHz	3603	1137	7.00	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	1081	NA	NA
Intel Core i3-6300 @ 3.80GHz	5844	724	33.05	\$176.84
Intel Core i3-6300T @ 3.30GHz	5247	803	33.86	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6047	703	14.79	\$408.99
Intel Core i3-7020U @ 2.30GHz	3518	1162	12.52	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5785	728	38.98	\$148.41
Intel Core i3-7100H @ 3.00GHz	4627	920	20.57	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5054	837	34.67	\$145.79
Intel Core i3-7100U @ 2.40GHz	3767	1098	9.90	\$380.64*
Intel Core i3-7101TE @ 3.40GHz	5189	812	44.36	\$117.00*
Intel Core i3-7102E @ 2.10GHz	3266	1226	14.52	\$225.00*
Intel Core i3-7130U @ 2.70GHz	4055	1032	14.43	\$281.00*
Intel Core i3-7167U @ 2.80GHz	4757	896	NA	NA
Intel Core i3-7300 @ 4.00GHz	6356	672	36.99	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	784	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6417	664	35.12	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6600	648	40.79	\$161.81
Intel Core i3-8100 @ 3.60GHz	8030	506	66.93	\$119.99
Intel Core i3-8100B @ 3.60GHz	8473	461	63.71	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7382	574	51.00	\$144.76
Intel Core i3-8109U @ 3.00GHz	6183	686	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	891	NA	NA
Intel Core i3-8130U @ 2.20GHz	5041	843	17.94	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5438	772	19.35	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8690	448	45.64	\$190.43

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8300T @ 3.20GHz	8032	505	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9218	393	49.83	\$184.99
Intel Core i3-9100 @ 3.60GHz	9158	398	74.47	\$122.99
Intel Core i3-9100F @ 3.60GHz	8996	418	85.69	\$104.99
Intel Core i3-9100T @ 3.10GHz	7689	537	63.03	\$122.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-9350KF @ 4.00GHz	10458	289	46.86	\$223.19
Intel Core i3-21050 @ 3.10GHz	3862	1073	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1609	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1496	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3599	1138	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3810	1090	NA	NA
Intel Core i5-430M @ 2.27GHz	2095	1647	14.97	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	2015	NA	NA
Intel Core i5-450M @ 2.40GHz	2125	1635	66.53	\$31.95*
Intel Core i5-460M @ 2.53GHz	2323	1549	31.00	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	2168	NA	NA
Intel Core i5-480M @ 2.67GHz	2403	1522	29.82	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1590	NA	NA
Intel Core i5-520M @ 2.40GHz	2368	1537	33.84	\$69.99*
Intel Core i5-520UM @ 1.07GHz	1351	2006	NA	NA
Intel Core i5-540M @ 2.53GHz	2454	1504	12.92	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	1995	NA	NA
Intel Core i5-560M @ 2.67GHz	2578	1456	42.98	\$60.00*
Intel Core i5-560UM @ 1.33GHz	1664	1862	NA	NA
Intel Core i5-580M @ 2.67GHz	2595	1449	23.61	\$109.95
Intel Core i5-650 @ 3.20GHz	3098	1284	36.45	\$84.99
Intel Core i5-655K @ 3.20GHz	3386	1196	56.45	\$59.99*
Intel Core i5-660 @ 3.33GHz	3253	1231	9.30	\$349.95*
Intel Core i5-661 @ 3.33GHz	3186	1252	31.86	\$99.99*
Intel Core i5-670 @ 3.47GHz	3313	1217	36.83	\$89.99*
Intel Core i5-680 @ 3.60GHz	3514	1163	39.05	\$89.99*
Intel Core i5-750 @ 2.67GHz	3691	1122	39.89	\$92.55*
Intel Core i5-760 @ 2.80GHz	3886	1068	43.19	\$89.99*
Intel Core i5-2300 @ 2.80GHz	5361	787	67.03	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5534	758	29.70	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5767	731	36.05	\$160.00*
Intel Core i5-2380P @ 3.10GHz	5749	733	31.94	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4227	1002	42.32	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5968	707	86.49	\$69.00
Intel Core i5-2400S @ 2.50GHz	4985	854	14.66	\$339.95*
Intel Core i5-2405S @ 2.50GHz	5082	827	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3167	1261	40.57	\$78.07
Intel Core i5-2415M @ 2.30GHz	3299	1220	NA	NA
Intel Core i5-2430M @ 2.40GHz	3286	1223	36.88	\$89.11*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2435M @ 2.40GHz	3227	1239	NA	NA
Intel Core i5-2450M @ 2.50GHz	3401	1189	38.64	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6132	693	68.14	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2321	1550	NA	NA
Intel Core i5-2500 @ 3.30GHz	6342	673	108.51	\$58.45
Intel Core i5-2500K @ 3.30GHz	6478	657	14.92	\$434.26*
Intel Core i5-2500S @ 2.70GHz	5368	785	71.59	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4639	914	NA	NA
Intel Core i5-2510E @ 2.50GHz	3483	1171	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1218	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2520M @ 2.50GHz	3592	1140	21.18	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2081	1654	NA	NA
Intel Core i5-2540M @ 2.60GHz	3785	1094	65.25	\$58.02*
Intel Core i5-2550K @ 3.40GHz	6668	640	35.10	\$190.00*
Intel Core i5-2557M @ 1.70GHz	2693	1422	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1105	NA	NA
Intel Core i5-3210M @ 2.50GHz	3828	1083	51.72	\$74.02*
Intel Core i5-3230M @ 2.60GHz	3940	1062	17.38	\$226.77*
Intel Core i5-3317U @ 1.70GHz	3091	1286	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4128	1023	39.66	\$104.10*
Intel Core i5-3330 @ 3.00GHz	5945	710	29.29	\$202.99
Intel Core i5-3330S @ 2.70GHz	5683	739	59.83	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	727	NA	NA
Intel Core i5-3337U @ 1.80GHz	3229	1238	14.35	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1602	NA	NA
Intel Core i5-3340 @ 3.10GHz	6099	697	20.82	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4246	998	53.12	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	722	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6149	689	41.00	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4437	961	47.82	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4438	960	NA	NA
Intel Core i5-3427U @ 1.80GHz	3544	1154	8.44	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3640	1131	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1342	NA	NA
Intel Core i5-3450 @ 3.10GHz	6538	653	25.78	\$253.59*
Intel Core i5-3450S @ 2.80GHz	6223	680	41.77	\$149.00*
Intel Core i5-3470 @ 3.20GHz	6717	637	75.48	\$89.00
Intel Core i5-3470S @ 2.90GHz	6373	670	71.62	\$89.00
Intel Core i5-3470T @ 2.90GHz	4483	953	14.51	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6609	646	46.06	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6958	609	20.47	\$339.95
Intel Core i5-3550S @ 3.00GHz	6910	617	20.95	\$329.95*
Intel Core i5-3570 @ 3.40GHz	7131	594	75.08	\$94.99
Intel Core i5-3570K @ 3.40GHz	7176	591	21.11	\$339.99

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	6746	633	23.67	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5914	714	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3898	1067	NA	NA
Intel Core i5-4200H @ 2.80GHz	4445	958	NA	NA
Intel Core i5-4200M @ 2.50GHz	4035	1036	49.75	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3294	1222	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1521	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2265	1581	NA	NA
Intel Core i5-4210H @ 2.90GHz	4530	943	NA	NA
Intel Core i5-4210M @ 2.60GHz	4199	1008	13.55	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3405	1188	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2378	1533	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1558	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1357	NA	NA
Intel Core i5-4250U @ 1.30GHz	3452	1179	9.62	\$359.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4258U @ 2.40GHz	4082	1029	NA	NA
Intel Core i5-4260U @ 1.40GHz	3571	1147	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	975	NA	NA
Intel Core i5-4288U @ 2.60GHz	4304	990	NA	NA
Intel Core i5-4300M @ 2.60GHz	4426	964	NA	NA
Intel Core i5-4300U @ 1.90GHz	3743	1108	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2502	1489	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1326	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	1005	NA	NA
Intel Core i5-4310M @ 2.70GHz	4644	912	NA	NA
Intel Core i5-4310U @ 2.00GHz	3761	1102	NA	NA
Intel Core i5-4330M @ 2.80GHz	4547	938	16.54	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4853	879	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1135	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	937	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1059	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1387	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6338	674	39.62	\$159.99
Intel Core i5-4430S @ 2.70GHz	5958	709	37.24	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6513	655	13.11	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6245	679	13.49	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6718	636	35.36	\$189.99
Intel Core i5-4460S @ 2.90GHz	6418	663	9.73	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4960	859	NA	NA
Intel Core i5-4570 @ 3.20GHz	7147	593	61.76	\$115.72
Intel Core i5-4570R @ 2.70GHz	6756	631	NA	NA
Intel Core i5-4570S @ 2.90GHz	6827	623	35.64	\$191.56
Intel Core i5-4570T @ 2.90GHz	4816	883	32.11	\$149.99*
Intel Core i5-4570TE @ 2.70GHz	3827	1085	19.14	\$199.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4590 @ 3.30GHz	7332	578	59.62	\$122.99
Intel Core i5-4590S @ 3.00GHz	7066	601	47.43	\$149.00
Intel Core i5-4590T @ 2.00GHz	5618	747	26.76	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7459	559	31.87	\$234.06
Intel Core i5-4670K @ 3.40GHz	7634	545	22.20	\$343.81
Intel Core i5-4670K CPT @ 3.40GHz	7411	569	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	568	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7387	572	34.68	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6168	688	23.81	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7682	539	32.45	\$236.73
Intel Core i5-4690K @ 3.50GHz	7795	527	50.62	\$154.00
Intel Core i5-4690S @ 3.20GHz	7426	565	26.42	\$281.06*
Intel Core i5-4690T @ 2.50GHz	6544	652	NA	NA
Intel Core i5-5200U @ 2.20GHz	3488	1170	NA	NA
Intel Core i5-5250U @ 1.60GHz	3588	1142	8.12	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4410	967	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	905	NA	NA
Intel Core i5-5300U @ 2.30GHz	3827	1084	7.42	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3512	1165	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	557	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-5675C @ 3.10GHz	8191	488	26.43	\$309.95*
Intel Core i5-5675R @ 3.10GHz	8054	503	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4147	1018	NA	NA
Intel Core i5-6200U @ 2.30GHz	4022	1038	NA	NA
Intel Core i5-6260U @ 1.80GHz	4362	976	8.41	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4962	858	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	898	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6089	699	NA	NA
Intel Core i5-6300U @ 2.40GHz	4369	972	NA	NA
Intel Core i5-6360U @ 2.00GHz	4880	872	NA	NA
Intel Core i5-6400 @ 2.70GHz	6766	628	19.90	\$340.03*
Intel Core i5-6400T @ 2.20GHz	5614	750	21.60	\$259.95*
Intel Core i5-6402P @ 2.80GHz	7117	597	37.46	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	681	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6804	625	NA	NA
Intel Core i5-6500 @ 3.20GHz	7247	585	40.27	\$179.99
Intel Core i5-6500T @ 2.50GHz	6288	676	41.93	\$149.99
Intel Core i5-6500TE @ 2.30GHz	6579	649	31.33	\$209.99*
Intel Core i5-6600 @ 3.30GHz	7777	531	29.92	\$259.94*
Intel Core i5-6600K @ 3.50GHz	8065	501	30.66	\$263.11*
Intel Core i5-6600T @ 2.70GHz	7342	577	24.48	\$299.95
Intel Core i5-7200U @ 2.50GHz	4603	926	NA	NA
Intel Core i5-7260U @ 2.20GHz	5673	742	9.63	\$589.00
Intel Core i5-7267U @ 3.10GHz	4976	856	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7287U @ 3.30GHz	5656	746	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6787	626	NA	NA
Intel Core i5-7300U @ 2.60GHz	5188	813	10.24	\$506.90
Intel Core i5-7360U @ 2.30GHz	5865	719	NA	NA
Intel Core i5-7400 @ 3.00GHz	7326	579	33.92	\$215.98
Intel Core i5-7400T @ 2.40GHz	6394	666	28.82	\$221.88
Intel Core i5-7440HQ @ 2.80GHz	7659	544	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	6262	678	25.05	\$250.00*
Intel Core i5-7500 @ 3.40GHz	8020	508	40.15	\$199.79
Intel Core i5-7500T @ 2.70GHz	7017	604	31.33	\$223.99
Intel Core i5-7600 @ 3.50GHz	8724	444	35.76	\$243.99
Intel Core i5-7600K @ 3.80GHz	9115	405	33.04	\$275.93
Intel Core i5-7600T @ 2.80GHz	8111	499	32.25	\$251.56
Intel Core i5-7640X @ 4.00GHz	9545	363	41.77	\$228.50
Intel Core i5-8200Y @ 1.30GHz	4206	1007	14.46	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4284	993	NA	NA
Intel Core i5-8250U @ 1.60GHz	7676	541	NA	NA
Intel Core i5-8259U @ 2.30GHz	11015	263	15.74	\$699.99
Intel Core i5-8265U @ 1.60GHz	7963	514	26.81	\$297.00*
Intel Core i5-8300H @ 2.30GHz	9495	366	37.98	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8947	427	NA	NA
Intel Core i5-8350U @ 1.70GHz	8241	481	27.75	\$297.00*
Intel Core i5-8365U @ 1.60GHz	8399	469	28.28	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11644	244	59.14	\$196.89
Intel Core i5-8400H @ 2.50GHz	10082	313	40.33	\$250.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8400T @ 1.70GHz	9555	362	48.02	\$199.00
Intel Core i5-8500 @ 3.00GHz	11920	237	57.03	\$209.00
Intel Core i5-8500B @ 3.00GHz	12756	212	66.44	\$192.00*
Intel Core i5-8500T @ 2.10GHz	9986	325	46.72	\$213.73
Intel Core i5-8600 @ 3.10GHz	12632	218	45.57	\$277.21*
Intel Core i5-8600K @ 3.60GHz	12762	211	40.79	\$312.92*
Intel Core i5-8600T @ 2.30GHz	10830	273	30.93	\$350.12*
Intel Core i5-9300H @ 2.40GHz	9456	373	37.83	\$250.00*
Intel Core i5-9400 @ 2.90GHz	11826	239	60.65	\$194.99
Intel Core i5-9400F @ 2.90GHz	12154	232	81.04	\$149.99
Intel Core i5-9500 @ 3.00GHz	12673	217	62.74	\$202.00*
Intel Core i5-9500T @ 2.20GHz	11211	253	58.39	\$192.00*
Intel Core i5-9600K @ 3.70GHz	13518	195	58.79	\$229.95
Intel Core i5-9600KF @ 3.70GHz	13991	176	55.97	\$249.99
Intel Core i5-24050S @ 2.50GHz	4928	865	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3736	1109	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1700	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1471	NA	NA
Intel Core i7-620LM @ 2.00GHz	1949	1709	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-620M @ 2.67GHz	2722	1414	24.74	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	2023	NA	NA
Intel Core i7-640LM @ 2.13GHz	2249	1587	NA	NA
Intel Core i7-640M @ 2.80GHz	2828	1376	14.15	\$199.95*
Intel Core i7-640UM @ 1.20GHz	1638	1876	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1808	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1828	NA	NA
Intel Core i7-720QM @ 1.60GHz	3010	1313	27.38	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3191	1251	19.96	\$159.95*
Intel Core i7-820QM @ 1.73GHz	3224	1240	13.44	\$239.95*
Intel Core i7-840QM @ 1.87GHz	3411	1187	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	4998	851	17.24	\$289.95
Intel Core i7-860S @ 2.53GHz	4711	902	23.56	\$199.99*
Intel Core i7-870 @ 2.93GHz	5324	794	60.52	\$87.99
Intel Core i7-870S @ 2.67GHz	4849	882	NA	NA
Intel Core i7-875K @ 2.93GHz	5405	777	15.59	\$346.78
Intel Core i7-880 @ 3.07GHz	5505	762	9.44	\$583.00*
Intel Core i7-920 @ 2.67GHz	4914	868	126.02	\$39.00
Intel Core i7-920XM @ 2.00GHz	3727	1112	9.32	\$399.95
Intel Core i7-930 @ 2.80GHz	5134	819	42.18	\$121.71
Intel Core i7-940 @ 2.93GHz	5336	792	51.32	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3966	1052	NA	NA
Intel Core i7-950 @ 3.07GHz	5541	757	26.51	\$209.00*
Intel Core i7-960 @ 3.20GHz	5801	726	22.08	\$262.73
Intel Core i7-965 @ 3.20GHz	5854	720	5.80	\$1,008.95
Intel Core i7-970 @ 3.20GHz	8351	475	16.71	\$499.95*
Intel Core i7-975 @ 3.33GHz	6121	694	14.76	\$414.90*
Intel Core i7-980 @ 3.33GHz	8643	453	43.22	\$199.98*
Intel Core i7-980X @ 3.33GHz	8743	442	9.61	\$909.99*
Intel Core i7-985 @ 3.47GHz	6641	644	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-990X @ 3.47GHz	9053	410	25.87	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	341	NA	NA
Intel Core i7-2600 @ 3.40GHz	8186	489	58.52	\$139.90
Intel Core i7-2600K @ 3.40GHz	8422	466	47.05	\$179.00
Intel Core i7-2600S @ 2.80GHz	7091	598	53.30	\$133.04*
Intel Core i7-2610UE @ 1.50GHz	2481	1499	NA	NA
Intel Core i7-2617M @ 1.50GHz	2824	1379	NA	NA
Intel Core i7-2620M @ 2.70GHz	3842	1078	22.63	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5524	760	24.03	\$229.95*
Intel Core i7-2630UM @ 1.60GHz	2584	1455	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5468	769	NA	NA
Intel Core i7-2637M @ 1.70GHz	2910	1348	NA	NA
Intel Core i7-2640M @ 2.80GHz	3920	1066	26.00	\$150.78*
Intel Core i7-2655LE @ 2.20GHz	3196	1249	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2670QM @ 2.20GHz	5881	718	42.31	\$139.00
Intel Core i7-2675QM @ 2.20GHz	5531	759	NA	NA
Intel Core i7-2677M @ 1.80GHz	2826	1377	NA	NA
Intel Core i7-2700K @ 3.50GHz	8684	450	26.65	\$325.90
Intel Core i7-2710QE @ 2.10GHz	5768	730	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	786	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6115	696	19.79	\$309.00*
Intel Core i7-2760QM @ 2.40GHz	6563	650	31.26	\$209.95*
Intel Core i7-2820QM @ 2.30GHz	6642	643	34.77	\$191.02
Intel Core i7-2840QM @ 2.40GHz	6766	629	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6966	608	12.88	\$541.00*
Intel Core i7-2920XM @ 2.50GHz	7050	602	16.01	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7224	588	17.62	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3581	1144	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3350	1207	NA	NA
Intel Core i7-3520M @ 2.90GHz	4545	939	19.34	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3844	1077	NA	NA
Intel Core i7-3540M @ 3.00GHz	4661	909	10.84	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1051	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	651	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7460	558	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	638	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6817	624	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	560	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7382	573	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7581	549	31.72	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6932	615	29.12	\$238.05*
Intel Core i7-3635QM @ 2.40GHz	6664	641	NA	NA
Intel Core i7-3667U @ 2.00GHz	3996	1045	NA	NA
Intel Core i7-3687U @ 2.10GHz	4185	1011	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1243	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8119	498	22.37	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	8316	477	34.66	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9280	387	46.84	\$198.13
Intel Core i7-3770K @ 3.50GHz	9507	365	18.64	\$509.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3770S @ 3.10GHz	8892	430	21.69	\$409.99
Intel Core i7-3770T @ 2.50GHz	8208	486	24.87	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8989	420	21.41	\$419.97
Intel Core i7-3820QM @ 2.70GHz	8409	467	29.51	\$285.00*
Intel Core i7-3840QM @ 2.80GHz	8772	440	30.26	\$289.95
Intel Core i7-3920XM @ 2.90GHz	9169	397	8.37	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11978	235	23.73	\$504.85*
Intel Core i7-3940XM @ 3.00GHz	9225	392	17.12	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12584	219	13.11	\$959.78*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3970X @ 3.50GHz	12679	216	30.93	\$409.94
Intel Core i7-4500U @ 1.80GHz	3790	1093	NA	NA
Intel Core i7-4510U @ 2.00GHz	3923	1065	NA	NA
Intel Core i7-4550U @ 1.50GHz	3717	1114	NA	NA
Intel Core i7-4558U @ 2.80GHz	4397	968	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	982	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	893	NA	NA
Intel Core i7-4600M @ 2.90GHz	4900	870	NA	NA
Intel Core i7-4600U @ 2.10GHz	4094	1027	NA	NA
Intel Core i7-4610M @ 3.00GHz	4906	869	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1107	NA	NA
Intel Core i7-4650U @ 1.70GHz	3960	1057	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	590	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7725	533	20.17	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7684	538	40.66	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7422	567	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7129	595	21.15	\$337.04*
Intel Core i7-4710HQ @ 2.50GHz	7721	535	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7981	513	29.39	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7523	553	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7210	589	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7996	512	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8067	500	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8194	487	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8735	443	NA	NA
Intel Core i7-4765T @ 2.00GHz	7307	581	18.27	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9779	345	108.67	\$89.99
Intel Core i7-4770HQ @ 2.20GHz	8948	426	NA	NA
Intel Core i7-4770K @ 3.50GHz	10075	316	28.79	\$350.00
Intel Core i7-4770R @ 3.20GHz	9822	338	NA	NA
Intel Core i7-4770S @ 3.10GHz	9348	381	37.39	\$249.99*
Intel Core i7-4770T @ 2.50GHz	8587	456	21.47	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	634	NA	NA
Intel Core i7-4771 @ 3.50GHz	9866	334	16.17	\$609.99
Intel Core i7-4785T @ 2.20GHz	7633	546	NA	NA
Intel Core i7-4790 @ 3.60GHz	9987	323	47.82	\$208.84
Intel Core i7-4790K @ 4.00GHz	11171	255	36.15	\$309.00
Intel Core i7-4790S @ 3.20GHz	9585	359	21.00	\$456.53
Intel Core i7-4790T @ 2.70GHz	9075	408	25.28	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8445	463	16.56	\$509.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4810MQ @ 2.80GHz	8653	452	45.55	\$189.95*
Intel Core i7-4820K @ 3.70GHz	9713	353	44.15	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9051	411	20.86	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7847	521	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4860HQ @ 2.40GHz	9271	389	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9355	380	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8975	423	15.30	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9332	383	20.29	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13010	206	25.98	\$500.73*
Intel Core i7-4930MX @ 3.00GHz	9476	370	8.65	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9921	329	13.97	\$709.95
Intel Core i7-4960HQ @ 2.60GHz	9828	337	15.78	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13796	185	17.92	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10278	298	NA	NA
Intel Core i7-5500U @ 2.40GHz	3976	1049	NA	NA
Intel Core i7-5550U @ 2.00GHz	3851	1076	NA	NA
Intel Core i7-5557U @ 3.10GHz	4948	861	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4317	986	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	1003	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	490	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	482	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8354	474	NA	NA
Intel Core i7-5775C @ 3.30GHz	10976	264	15.99	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10868	270	NA	NA
Intel Core i7-5820K @ 3.30GHz	12979	207	44.91	\$289.00
Intel Core i7-5850EQ @ 2.70GHz	9817	339	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	372	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13623	192	15.45	\$881.89*
Intel Core i7-5950HQ @ 2.90GHz	10850	271	NA	NA
Intel Core i7-5960X @ 3.00GHz	15942	128	16.61	\$959.99*
Intel Core i7-6498DU @ 2.50GHz	4538	942	NA	NA
Intel Core i7-6500U @ 2.50GHz	4430	963	11.27	\$393.00*
Intel Core i7-6560U @ 2.20GHz	4811	884	NA	NA
Intel Core i7-6567U @ 3.30GHz	5615	748	NA	NA
Intel Core i7-6600U @ 2.60GHz	4803	889	NA	NA
Intel Core i7-6650U @ 2.20GHz	4969	857	NA	NA
Intel Core i7-6700 @ 3.40GHz	10003	321	29.86	\$334.99
Intel Core i7-6700HQ @ 2.60GHz	8132	495	21.51	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11108	256	27.87	\$398.62
Intel Core i7-6700T @ 2.80GHz	9018	416	30.06	\$300.00*
Intel Core i7-6700TE @ 2.40GHz	8674	451	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9728	350	9.71	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13570	194	41.70	\$325.41
Intel Core i7-6820EQ @ 2.80GHz	8563	457	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9119	403	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8767	441	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	660	NA	NA
Intel Core i7-6850K @ 3.60GHz	14370	164	24.03	\$598.00
Intel Core i7-6900K @ 3.20GHz	17651	89	22.29	\$792.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6920HQ @ 2.90GHz	9564	361	16.84	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19940	58	14.22	\$1,402.00
Intel Core i7-7500U @ 2.70GHz	5154	817	NA	NA
Intel Core i7-7560U @ 2.40GHz	5846	723	NA	NA
Intel Core i7-7567U @ 3.50GHz	6492	656	NA	NA
Intel Core i7-7600U @ 2.80GHz	5093	823	NA	NA
Intel Core i7-7660U @ 2.50GHz	6008	706	NA	NA
Intel Core i7-7700 @ 3.60GHz	10727	275	32.82	\$326.89
Intel Core i7-7700HQ @ 2.80GHz	8799	438	NA	NA
Intel Core i7-7700K @ 4.20GHz	12033	234	33.99	\$354.00
Intel Core i7-7700T @ 2.90GHz	9280	388	25.43	\$365.00
Intel Core i7-7740X @ 4.30GHz	12293	226	32.96	\$373.00
Intel Core i7-7800X @ 3.50GHz	14633	158	36.58	\$399.99
Intel Core i7-7820HK @ 2.90GHz	9981	327	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9247	390	24.47	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18492	80	30.40	\$608.31
Intel Core i7-7900X @ 3.30GHz	20406	54	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9986	324	NA	NA
Intel Core i7-8086K @ 4.00GHz	16691	104	30.19	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	4030	1037	10.26	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8291	478	NA	NA
Intel Core i7-8559U @ 2.70GHz	12373	222	NA	NA
Intel Core i7-8565U @ 1.80GHz	8988	422	NA	NA
Intel Core i7-8650U @ 1.90GHz	8788	439	NA	NA
Intel Core i7-8665U @ 1.90GHz	9143	399	22.36	\$409.00*
Intel Core i7-8700 @ 3.20GHz	15154	145	50.52	\$299.99
Intel Core i7-8700B @ 3.20GHz	14633	157	48.30	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15961	127	45.61	\$349.99
Intel Core i7-8700T @ 2.40GHz	12707	214	37.93	\$334.99*
Intel Core i7-8705G @ 3.10GHz	9895	333	7.02	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10494	287	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	344	NA	NA
Intel Core i7-8750H @ 2.20GHz	12460	221	31.55	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11025	260	NA	NA
Intel Core i7-8850H @ 2.60GHz	13063	205	33.07	\$395.00*
Intel Core i7-9700 @ 3.00GHz	15815	135	47.93	\$329.99
Intel Core i7-9700F @ 3.00GHz	16811	102	43.33	\$387.95
Intel Core i7-9700K @ 3.60GHz	17186	96	47.10	\$364.89
Intel Core i7-9700KF @ 3.60GHz	17126	98	45.07	\$379.99
Intel Core i7-9750H @ 2.60GHz	13793	186	NA	NA
Intel Core i7-9800X @ 3.80GHz	19757	62	32.98	\$599.00
Intel Core i7-9850H @ 2.60GHz	13866	181	35.10	\$395.00*
Intel Core i9-7900X @ 3.30GHz	21897	36	23.05	\$949.99
Intel Core i9-7920X @ 2.90GHz	23400	28	24.12	\$969.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-7940X @ 3.10GHz	25381	17	19.52	\$1,299.99
Intel Core i9-7960X @ 2.80GHz	25998	13	18.57	\$1,399.99*
Intel Core i9-7980XE @ 2.60GHz	27855	8	15.39	\$1,809.95
Intel Core i9-8950HK @ 2.90GHz	14306	166	24.54	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21674	40	28.15	\$769.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-9880H @ 2.30GHz	17191	95	30.92	\$556.00*
Intel Core i9-9900 @ 3.10GHz	19308	70	43.88	\$439.99
Intel Core i9-9900K @ 3.60GHz	20212	56	41.68	\$484.99
Intel Core i9-9900KF @ 3.60GHz	20723	51	44.09	\$469.99
Intel Core i9-9900X @ 3.50GHz	22998	30	23.71	\$969.99
Intel Core i9-9920X @ 3.50GHz	25781	14	21.49	\$1,199.99
Intel Core i9-9940X @ 3.30GHz	27285	10	19.64	\$1,389.00
Intel Core i9-9960X @ 3.10GHz	28132	6	16.56	\$1,699.00
Intel Core i9-9980HK @ 2.40GHz	17305	92	29.68	\$583.00*
Intel Core i9-9980XE @ 3.00GHz	29652	3	14.83	\$1,999.99
Intel Core m3-6Y30 @ 0.90GHz	3051	1302	10.86	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3553	1150	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1214	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3562	1149	12.68	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3372	1201	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3243	1235	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3466	1176	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2702	1419	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1530	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2818	1381	10.03	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1373	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2483	1498	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3018	1308	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2975	1324	10.59	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2601	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2594	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2511	NA	NA
Intel Core Solo U1300 @ 1.06GHz	273	2754	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2748	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2669	NA	NA
Intel E3000 @ 3.40GHz	2767	1396	NA	NA
Intel Pentium 4 1.40GHz	164	2855	NA	NA
Intel Pentium 4 1.50GHz	131	2872	NA	NA
Intel Pentium 4 1.60GHz	129	2874	NA	NA
Intel Pentium 4 1.70GHz	132	2871	NA	NA
Intel Pentium 4 1.80GHz	161	2858	NA	NA
Intel Pentium 4 1.90GHz	159	2859	NA	NA
Intel Pentium 4 2.00GHz	189	2837	NA	NA
Intel Pentium 4 2.20GHz	209	2819	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.26GHz	221	2807	NA	NA
Intel Pentium 4 2.40GHz	228	2801	NA	NA
Intel Pentium 4 2.50GHz	245	2785	NA	NA
Intel Pentium 4 2.53GHz	248	2781	NA	NA
Intel Pentium 4 2.60GHz	288	2727	NA	NA
Intel Pentium 4 2.66GHz	254	2773	NA	NA
Intel Pentium 4 2.80GHz	322	2675	NA	NA
Intel Pentium 4 2.93GHz	299	2709	NA	NA
Intel Pentium 4 3.00GHz	353	2647	NA	NA
Intel Pentium 4 3.06GHz	346	2651	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 3.20GHz	373	2620	NA	NA
Intel Pentium 4 3.40GHz	395	2596	NA	NA
Intel Pentium 4 3.46GHz	454	2529	NA	NA
Intel Pentium 4 3.60GHz	487	2492	NA	NA
Intel Pentium 4 3.73GHz	486	2493	NA	NA
Intel Pentium 4 3.80GHz	485	2495	NA	NA
Intel Pentium 4 3.83GHz	195	2832	NA	NA
Intel Pentium 4 4.00GHz	184	2842	NA	NA
Intel Pentium 4 1300MHz	119	2878	NA	NA
Intel Pentium 4 1400MHz	127	2875	NA	NA
Intel Pentium 4 1500MHz	125	2876	NA	NA
Intel Pentium 4 1600MHz	193	2836	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2862	NA	NA
Intel Pentium 4 1800MHz	162	2857	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2865	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2831	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2848	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2820	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2851	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2818	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2827	NA	NA
Intel Pentium 5 2.66GHz	705	2370	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2156	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1156	2124	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2128	NA	NA
Intel Pentium 987 @ 1.50GHz	1230	2081	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	1983	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1406	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1309	NA	NA
Intel Pentium 2020M @ 2.40GHz	2273	1577	16.97	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2411	1519	18.00	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1654	1867	12.35	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1820	1781	13.58	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1062	2174	7.93	\$134.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 3550M @ 2.30GHz	2275	1572	NA	NA
Intel Pentium 3556U @ 1.70GHz	1696	1840	NA	NA
Intel Pentium 3558U @ 1.70GHz	1681	1848	NA	NA
Intel Pentium 3560M @ 2.40GHz	2270	1580	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2060	NA	NA
Intel Pentium 3805U @ 1.90GHz	1982	1695	NA	NA
Intel Pentium 3825U @ 1.90GHz	2519	1482	NA	NA
Intel Pentium 4405U @ 2.10GHz	2931	1340	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1664	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2047	1668	12.72	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3152	1270	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2230	1597	13.85	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3359	1205	20.87	\$161.00*
Intel Pentium 5405U @ 2.30GHz	3177	1255	19.74	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1893	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium B940 @ 2.00GHz	1727	1817	57.69	\$29.94*
Intel Pentium B950 @ 2.10GHz	1719	1819	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1761	37.82	\$48.99*
Intel Pentium B970 @ 2.30GHz	1953	1707	38.32	\$50.99*
Intel Pentium B980 @ 2.40GHz	2025	1676	28.96	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1089	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	529	2459	NA	NA
Intel Pentium D 830 @ 3.00GHz	641	2403	NA	NA
Intel Pentium D 915 @ 2.80GHz	583	2430	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2366	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2354	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2325	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2292	5.51	\$157.95*
Intel Pentium E2160 @ 1.80GHz	997	2214	8.49	\$117.50
Intel Pentium E2180 @ 2.00GHz	1088	2160	36.29	\$29.99
Intel Pentium E2200 @ 2.20GHz	1203	2095	16.04	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2109	NA	NA
Intel Pentium E2220 @ 2.40GHz	1329	2020	8.42	\$157.95*
Intel Pentium E5200 @ 2.50GHz	1486	1947	16.53	\$89.95*
Intel Pentium E5300 @ 2.60GHz	1537	1920	66.90	\$22.99*
Intel Pentium E5400 @ 2.70GHz	1599	1897	80.01	\$19.99*
Intel Pentium E5500 @ 2.80GHz	1636	1877	82.03	\$19.95*
Intel Pentium E5700 @ 3.00GHz	1735	1814	115.78	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1891	1743	63.07	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1705	1834	165.54	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1764	1797	11.17	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1861	1759	18.61	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1933	1718	113.82	\$16.99*
Intel Pentium E6800 @ 3.33GHz	1988	1692	22.34	\$89.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2277	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2239	NA	NA
Intel Pentium G620 @ 2.60GHz	2293	1562	91.76	\$24.99*
Intel Pentium G620T @ 2.20GHz	2033	1673	25.42	\$79.99*
Intel Pentium G630 @ 2.70GHz	2370	1536	23.71	\$100.00
Intel Pentium G630T @ 2.30GHz	2089	1649	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2522	1480	16.82	\$150.00
Intel Pentium G640T @ 2.40GHz	1979	1696	NA	NA
Intel Pentium G645 @ 2.90GHz	2590	1453	16.19	\$160.00*
Intel Pentium G645T @ 2.50GHz	2293	1563	NA	NA
Intel Pentium G840 @ 2.80GHz	2561	1465	73.21	\$34.99*
Intel Pentium G850 @ 2.90GHz	2667	1429	22.46	\$118.77
Intel Pentium G860 @ 3.00GHz	2741	1408	33.03	\$82.99
Intel Pentium G870 @ 3.10GHz	2814	1383	29.01	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2594	1451	74.36	\$34.89*
Intel Pentium G2020 @ 2.90GHz	2756	1403	45.98	\$59.95
Intel Pentium G2020T @ 2.50GHz	2418	1516	50.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2869	1366	71.76	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2487	1495	38.86	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1400	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2120 @ 3.10GHz	3080	1291	19.31	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3204	1245	64.11	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3384	1197	41.28	\$82.00
Intel Pentium G3220 @ 3.00GHz	3127	1275	27.51	\$113.66
Intel Pentium G3220T @ 2.60GHz	2577	1457	36.83	\$69.99*
Intel Pentium G3240 @ 3.10GHz	3157	1269	28.83	\$109.55*
Intel Pentium G3240T @ 2.70GHz	2840	1370	NA	NA
Intel Pentium G3250 @ 3.20GHz	3243	1234	29.49	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2971	1327	33.02	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3871	1071	25.30	\$152.98
Intel Pentium G3260 @ 3.30GHz	3359	1204	24.00	\$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1341	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1527	NA	NA
Intel Pentium G3420 @ 3.20GHz	3397	1191	27.49	\$123.60
Intel Pentium G3420T @ 2.70GHz	3008	1314	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1193	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3314	1215	20.72	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1283	NA	NA
Intel Pentium G3450 @ 3.40GHz	3700	1118	37.01	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1329	NA	NA
Intel Pentium G3460 @ 3.50GHz	3582	1143	12.43	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3704	1117	35.53	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3541	1155	32.20	\$109.99
Intel Pentium G4400T @ 2.90GHz	3176	1256	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	1364	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3799	1092	40.62	\$93.54
Intel Pentium G4500T @ 3.00GHz	3471	1173	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1012	40.24	\$103.99*
Intel Pentium G4560 @ 3.50GHz	4863	877	52.50	\$92.64
Intel Pentium G4560T @ 2.90GHz	3990	1047	36.28	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5076	830	21.16	\$239.95
Intel Pentium G4600T @ 3.00GHz	4266	995	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5210	806	45.84	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1859	1760	46.49	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1627	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2059	1665	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5199	809	69.33	\$74.99
Intel Pentium Gold G5400T @ 3.10GHz	5048	839	78.89	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5195	810	41.56	\$125.02
Intel Pentium Gold G5500T @ 3.20GHz	4346	979	57.95	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5660	744	52.05	\$108.75*
Intel Pentium III 933S @ 933MHz	238	2794	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2732	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2747	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2692	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2712	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2708	NA	NA
Intel Pentium III Mobile 750MHz	103	2881	NA	NA
Intel Pentium III Mobile 800MHz	182	2845	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III Mobile 866MHz	152	2863	NA	NA
Intel Pentium III Mobile 933MHz	218	2809	7.55	\$28.99*
Intel Pentium III Mobile 1000MHz	245	2784	NA	NA
Intel Pentium III Mobile 1066MHz	246	2783	NA	NA
Intel Pentium III Mobile 1133MHz	251	2777	NA	NA
Intel Pentium III Mobile 1200MHz	240	2791	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1770	NA	NA
Intel Pentium J2900 @ 2.41GHz	1956	1704	NA	NA
Intel Pentium J3710 @ 1.60GHz	1912	1730	NA	NA
Intel Pentium J4205 @ 1.50GHz	2257	1584	NA	NA
Intel Pentium M 1.10GHz	282	2738	NA	NA
Intel Pentium M 1.20GHz	298	2710	NA	NA
Intel Pentium M 1.30GHz	301	2702	NA	NA
Intel Pentium M 1.40GHz	345	2654	NA	NA
Intel Pentium M 1.50GHz	367	2630	NA	NA
Intel Pentium M 1.60GHz	364	2634	NA	NA
Intel Pentium M 1.70GHz	406	2578	NA	NA
Intel Pentium M 1.73GHz	413	2568	NA	NA
Intel Pentium M 1.80GHz	411	2571	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1.86GHz	439	2546	NA	NA
Intel Pentium M 2.00GHz	461	2521	NA	NA
Intel Pentium M 2.10GHz	448	2534	NA	NA
Intel Pentium M 2.13GHz	502	2481	NA	NA
Intel Pentium M 2.26GHz	509	2477	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2500	NA	NA
Intel Pentium M 900MHz	217	2813	NA	NA
Intel Pentium M 1000MHz	233	2797	NA	NA
Intel Pentium M 1100MHz	259	2769	NA	NA
Intel Pentium M 1200MHz	237	2795	NA	NA
Intel Pentium M 1300MHz	303	2696	NA	NA
Intel Pentium M 1400MHz	320	2677	NA	NA
Intel Pentium M 1500MHz	354	2644	NA	NA
Intel Pentium M 1600MHz	335	2665	NA	NA
Intel Pentium M 1700MHz	376	2616	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1929	NA	NA
Intel Pentium N3520 @ 2.16GHz	1789	1790	NA	NA
Intel Pentium N3530 @ 2.16GHz	1894	1741	NA	NA
Intel Pentium N3540 @ 2.16GHz	1925	1721	7.67	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1831	1774	4.12	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1865	1756	NA	NA
Intel Pentium N4200 @ 1.10GHz	2029	1674	9.26	\$219.02
Intel Pentium P6000 @ 1.87GHz	1243	2075	NA	NA
Intel Pentium P6100 @ 2.00GHz	1325	2022	46.62	\$28.44
Intel Pentium P6200 @ 2.13GHz	1349	2009	30.03	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1992	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2907	1351	13.22	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2432	1511	15.11	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2579	NA	NA
Intel Pentium SU4100 @ 1.30GHz	853	2302	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T1080 @ 1.73GHz	842	2307	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2390	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2372	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2367	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2356	NA	NA
Intel Pentium T2330 @ 1.60GHz	830	2313	NA	NA
Intel Pentium T2370 @ 1.73GHz	846	2306	24.19	\$35.00*
Intel Pentium T2390 @ 1.86GHz	946	2255	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2227	NA	NA
Intel Pentium T3200 @ 2.00GHz	1033	2190	86.14	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1113	2142	12.38	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1151	2126	95.94	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1232	2079	NA	NA
Intel Pentium T4400 @ 2.20GHz	1283	2049	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T4500 @ 2.30GHz	1334	2018	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2320	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2248	NA	NA
Intel T1200 @ 1.50GHz	435	2552	NA	NA
Intel T1400 @ 1.73GHz	929	2262	NA	NA
Intel T1500 @ 1.86GHz	953	2247	NA	NA
Intel T2050 @ 2.00GHz	959	2243	NA	NA
Intel Xeon 2.00GHz	233	2796	NA	NA
Intel XEON 2.20GHz	252	2775	NA	NA
Intel Xeon 2.40GHz	276	2750	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2551	NA	NA
Intel Xeon 2.80GHz	400	2591	NA	NA
Intel Xeon 3.00GHz	391	2604	NA	NA
Intel Xeon 3.06GHz	491	2487	NA	NA
Intel Xeon 3.20GHz	461	2522	NA	NA
Intel Xeon 3.40GHz	478	2504	NA	NA
Intel Xeon 3.60GHz	509	2476	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2186	NA	NA
Intel Xeon 3.80GHz	604	2419	0.71	\$851.00*
Intel Xeon 1500MHz	193	2835	NA	NA
Intel Xeon 3040 @ 1.86GHz	1278	2053	51.05	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2033	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1930	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1928	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1792	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1769	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1909	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2169	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	2073	0.77	\$1,619.99
Intel Xeon 5130 @ 2.00GHz	1366	1998	43.44	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1898	NA	NA
Intel Xeon 5140 @ 2.33GHz	1644	1869	35.00	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1904	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1752	1804	12.52	\$139.95*
Intel Xeon 5160 @ 3.00GHz	1963	1703	52.37	\$37.49*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon @ 2.00GHz	11327	250	NA	NA
Intel Xeon @ 2.20GHz	1902	1735	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5664	743	23.80	\$237.99
Intel Xeon Bronze 3106 @ 1.70GHz	6890	619	20.88	\$329.99
Intel Xeon D-1518 @ 2.20GHz	5322	795	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	732	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	606	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	485	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	349	27.96	\$348.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1537 @ 1.70GHz	7731	532	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	282	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11064	258	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	278	19.24	\$555.00*
Intel Xeon D-1559 @ 1.50GHz	8055	502	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	162	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	173	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	494	38.22	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	209	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	183	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18627	77	10.56	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6088	700	110.71	\$54.99
Intel Xeon E3-1220 V2 @ 3.10GHz	6706	639	91.88	\$72.99
Intel Xeon E3-1220 v3 @ 3.10GHz	7163	592	33.32	\$214.99
Intel Xeon E3-1220 v5 @ 3.00GHz	7787	530	29.23	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7790	529	39.15	\$199.00
Intel Xeon E3-1220L @ 2.20GHz	3563	1148	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	965	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1643	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5889	716	81.81	\$71.99
Intel Xeon E3-1225 V2 @ 3.20GHz	6936	613	79.74	\$86.99
Intel Xeon E3-1225 v3 @ 3.20GHz	7243	586	24.98	\$289.99
Intel Xeon E3-1225 v5 @ 3.30GHz	7820	524	29.18	\$268.04*
Intel Xeon E3-1225 v6 @ 3.30GHz	8156	491	34.71	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7559	551	12.70	\$595.00*
Intel Xeon E3-1230 @ 3.20GHz	7829	522	57.58	\$135.99
Intel Xeon E3-1230 V2 @ 3.30GHz	8855	434	152.68	\$58.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9324	384	29.05	\$320.99
Intel Xeon E3-1230 v5 @ 3.40GHz	9786	343	34.95	\$279.99
Intel Xeon E3-1230 v6 @ 3.50GHz	9847	336	36.47	\$269.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	587	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9624	358	18.87	\$509.95
Intel Xeon E3-1235 @ 3.20GHz	7680	540	31.48	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	658	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7962	515	61.25	\$129.99
Intel Xeon E3-1240 V2 @ 3.40GHz	9139	400	56.42	\$161.99
Intel Xeon E3-1240 v3 @ 3.40GHz	9666	355	25.15	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10371	294	30.36	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10458	290	36.30	\$288.14
Intel Xeon E3-1240L v3 @ 2.00GHz	7513	554	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	528	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10021	318	27.09	\$369.99
Intel Xeon E3-1245 @ 3.30GHz	7997	511	76.17	\$104.99
Intel Xeon E3-1245 V2 @ 3.40GHz	9119	402	51.53	\$176.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1245 v3 @ 3.40GHz	9570	360	30.97	\$309.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10181	304	29.48	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10543	283	34.01	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9856	335	24.10	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6534	654	76.32	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	300	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	6038	704	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7428	564	24.36	\$305.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9216	394	12.98	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	409	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	520	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	446	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8238	483	25.99	\$317.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9462	371	33.53	\$282.22
Intel Xeon E3-1270 v3 @ 3.50GHz	9919	330	26.81	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10309	296	20.83	\$494.99
Intel Xeon E3-1270 v6 @ 3.80GHz	11184	254	33.03	\$338.61
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	277	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10091	312	11.36	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8215	484	27.03	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9447	376	23.93	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	9915	331	24.73	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10366	295	18.75	\$553.00*
Intel Xeon E3-1275 v6 @ 3.80GHz	11016	262	30.28	\$363.87
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	429	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10204	302	9.51	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8465	462	23.01	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9447	374	11.00	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9769	346	14.01	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	279	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11463	247	26.11	\$438.99
Intel Xeon E3-1281 v3 @ 3.70GHz	10276	299	11.71	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	288	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	285	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	236	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	326	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	265	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	332	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	367	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	445	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	354	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	669	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8934	428	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9720	352	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10093	311	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1535M v5 @ 2.90GHz	9347	382	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10576	281	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10443	291	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10625	280	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	274	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	306	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	580	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	563	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5582	753	21.26	\$262.59*
Intel Xeon E5-1603 v3 @ 2.80GHz	6186	684	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6424	661	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5886	717	210.60	\$27.95
Intel Xeon E5-1607 v2 @ 3.00GHz	6217	682	177.91	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	6978	607	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7256	584	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9032	413	27.38	\$329.93*
Intel Xeon E5-1620 v2 @ 3.70GHz	9487	368	163.61	\$57.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9759	347	61.00	\$159.99
Intel Xeon E5-1620 v4 @ 3.50GHz	9925	328	31.31	\$316.99
Intel Xeon E5-1630 v3 @ 3.70GHz	10214	301	17.09	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10296	297	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11720	242	23.68	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12720	213	106.05	\$119.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13620	193	72.07	\$189.00
Intel Xeon E5-1650 v4 @ 3.60GHz	14218	169	22.43	\$633.99
Intel Xeon E5-1660 @ 3.30GHz	12361	223	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13800	184	7.63	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14613	159	9.04	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16172	121	13.15	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16222	118	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16389	112	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	99	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	83	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1161	23.65	\$149.00
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1185	94.99	\$35.99*
Intel Xeon E5-2407 @ 2.20GHz	4188	1009	12.50	\$335.00*
Intel Xeon E5-2407 v2 @ 2.40GHz	4498	949	9.44	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	808	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	603	18.06	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8694	447	51.53	\$168.74*
Intel Xeon E5-2430 @ 2.20GHz	6878	620	181.01	\$38.00
Intel Xeon E5-2430 v2 @ 2.50GHz	8991	419	89.91	\$100.00*
Intel Xeon E5-2430L @ 2.00GHz	7269	583	225.19	\$32.28*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	645	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2440 @ 2.40GHz	9178	396	70.61	\$130.00*
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	386	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	424	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10108	310	97.20	\$103.99
Intel Xeon E5-2450L @ 1.80GHz	8261	479	63.55	\$130.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2470 @ 2.30GHz	10061	317	110.05	\$91.43
Intel Xeon E5-2470 v2 @ 2.40GHz	11268	252	66.67	\$169.03
Intel Xeon E5-2603 @ 1.80GHz	3580	1145	143.58	\$24.94
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1099	94.18	\$39.99
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	816	60.94	\$85.00
Intel Xeon E5-2603 v4 @ 1.70GHz	5431	773	23.62	\$229.99
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	518	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4616	921	104.94	\$43.99
Intel Xeon E5-2609 v2 @ 2.50GHz	5149	818	103.01	\$49.99
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	715	14.79	\$399.00*
Intel Xeon E5-2609 v4 @ 1.70GHz	6905	618	21.58	\$319.99
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	231	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	160	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7900	516	494.69	\$15.97
Intel Xeon E5-2620 v2 @ 2.10GHz	8687	449	217.25	\$39.99
Intel Xeon E5-2620 v3 @ 2.40GHz	10011	319	62.97	\$159.00
Intel Xeon E5-2620 v4 @ 2.10GHz	11354	249	31.54	\$359.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	421	33.29	\$269.99
Intel Xeon E5-2623 v4 @ 2.60GHz	8506	459	15.50	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	378	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	225	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	204	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	261	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8860	433	92.30	\$95.99
Intel Xeon E5-2630 v2 @ 2.60GHz	10382	292	256.60	\$40.46
Intel Xeon E5-2630 v3 @ 2.40GHz	12794	210	94.77	\$135.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13908	178	21.07	\$659.99
Intel Xeon E5-2630L @ 2.00GHz	7865	517	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	407	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	351	28.62	\$339.95*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	208	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9447	375	52.41	\$180.24*
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	308	7.81	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10497	286	9.84	\$1,066.99
Intel Xeon E5-2640 @ 2.50GHz	9356	379	98.50	\$94.99
Intel Xeon E5-2640 v2 @ 2.00GHz	10143	305	206.67	\$49.08
Intel Xeon E5-2640 v3 @ 2.60GHz	13885	179	47.67	\$291.29*
Intel Xeon E5-2640 v4 @ 2.40GHz	15380	142	15.58	\$986.99
Intel Xeon E5-2643 @ 3.30GHz	8401	468	47.57	\$176.61

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2643 v2 @ 3.50GHz	13107	203	119.16	\$110.00
Intel Xeon E5-2643 v3 @ 3.40GHz	13844	182	44.80	\$309.00
Intel Xeon E5-2643 v4 @ 3.40GHz	13655	188	8.22	\$1,660.61*
Intel Xeon E5-2648L @ 1.80GHz	7426	566	NA	NA
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	248	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	189	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	155	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10110	309	96.88	\$104.37*
Intel Xeon E5-2650 v2 @ 2.60GHz	13206	200	176.14	\$74.98
Intel Xeon E5-2650 v3 @ 2.30GHz	14844	153	82.48	\$179.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	133	13.22	\$1,199.99
Intel Xeon E5-2650L @ 1.80GHz	8332	476	105.47	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9732	348	129.77	\$75.00
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	198	11.37	\$1,188.14*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	172	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	251	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	369	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	180	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	117	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	103	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11060	259	159.17	\$69.49
Intel Xeon E5-2660 v2 @ 2.20GHz	13186	202	70.10	\$188.10
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	119	21.05	\$768.99
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	101	11.25	\$1,499.99*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	175	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11525	245	126.67	\$90.99
Intel Xeon E5-2667 @ 2.90GHz	10372	293	197.57	\$52.50*
Intel Xeon E5-2667 v2 @ 3.30GHz	16177	120	52.19	\$309.99
Intel Xeon E5-2667 v3 @ 3.20GHz	16134	123	18.86	\$855.30*
Intel Xeon E5-2667 v4 @ 3.20GHz	16684	105	8.56	\$1,949.03
Intel Xeon E5-2670 @ 2.60GHz	12114	233	157.51	\$76.91
Intel Xeon E5-2670 v2 @ 2.50GHz	14988	149	71.71	\$209.00
Intel Xeon E5-2670 v3 @ 2.30GHz	16494	108	54.98	\$300.00
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	115	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16383	113	23.41	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	44	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15073	146	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	88	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17290	93	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	18	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12558	220	169.11	\$74.26
Intel Xeon E5-2680 v2 @ 2.80GHz	15895	132	65.99	\$240.86
Intel Xeon E5-2680 v3 @ 2.50GHz	18561	79	53.04	\$349.99
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	59	13.18	\$1,509.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	53	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17369	91	34.06	\$509.99
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	75	8.62	\$2,208.93*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	148	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	72	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	61	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14347	165	65.82	\$217.99
Intel Xeon E5-2687W v2 @ 3.40GHz	16477	109	40.29	\$409.00
Intel Xeon E5-2687W v3 @ 3.10GHz	17752	87	30.09	\$589.99
Intel Xeon E5-2687W v4 @ 3.00GHz	19855	60	9.13	\$2,174.99
Intel Xeon E5-2689 @ 2.60GHz	13516	196	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	63	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13515	197	140.76	\$96.02
Intel Xeon E5-2690 v2 @ 3.00GHz	16445	110	27.92	\$588.99
Intel Xeon E5-2690 v3 @ 2.60GHz	19214	74	49.49	\$388.28
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	46	9.83	\$2,169.99
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	125	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15993	126	61.52	\$259.99
Intel Xeon E5-2695 v3 @ 2.30GHz	19673	66	19.48	\$1,009.99
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	55	7.70	\$2,629.42*
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	107	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	31	9.00	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	47	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17224	94	37.53	\$459.00
Intel Xeon E5-2697 v3 @ 2.60GHz	21430	45	42.02	\$509.99
Intel Xeon E5-2697 v4 @ 2.30GHz	21506	43	7.75	\$2,775.99
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	32	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	49	6.15	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	37	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	33	8.92	\$2,509.00*
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	27	3.94	\$5,954.79*
Intel Xeon E5-4603 @ 2.00GHz	5014	850	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	391	NA	NA
Intel Xeon E5-4617 @ 2.90GHz	9029	414	100.44	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	496	60.56	\$134.21*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	161	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	138	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	284	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	215	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	257	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11860	238	124.21	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	240	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	227	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	130	11.36	\$1,399.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	134	3.30	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	191	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1279	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2157	1621	93.86	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1513	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1592	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1981	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1514	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1582	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1565	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1485	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2907	1350	72.72	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2831	1374	57.79	\$49.00
Intel Xeon E5410 @ 2.33GHz	3261	1227	15.61	\$208.95*
Intel Xeon E5420 @ 2.50GHz	3492	1168	13.43	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3762	1101	54.53	\$69.00*
Intel Xeon E5440 @ 2.83GHz	3963	1055	209.17	\$18.95*
Intel Xeon E5450 @ 3.00GHz	4187	1010	14.01	\$298.94*
Intel Xeon E5462 @ 2.80GHz	3871	1070	141.82	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4088	1028	136.11	\$30.04*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5502 @ 1.87GHz	1378	1994	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1381	1990	4.81	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2686	1425	38.41	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2975	1325	47.22	\$63.01*
Intel Xeon E5507 @ 2.27GHz	3125	1276	6.84	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4435	962	109.95	\$40.34
Intel Xeon E5530 @ 2.40GHz	4564	933	18.55	\$246.00*
Intel Xeon E5540 @ 2.53GHz	4807	885	81.49	\$59.00*
Intel Xeon E5603 @ 1.60GHz	2366	1538	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1300	13.95	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3380	1199	15.44	\$219.00*
Intel Xeon E5620 @ 2.40GHz	4802	890	81.42	\$58.99
Intel Xeon E5630 @ 2.53GHz	5081	829	145.17	\$35.00*
Intel Xeon E5640 @ 2.67GHz	5256	800	88.36	\$59.49*
Intel Xeon E5645 @ 2.40GHz	6424	662	59.49	\$107.98*
Intel Xeon E5649 @ 2.53GHz	6936	614	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1517	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	523	40.54	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9544	364	43.39	\$219.99
Intel Xeon E-2124G @ 3.40GHz	9816	340	38.65	\$254.00
Intel Xeon E-2126G @ 3.30GHz	13995	174	46.65	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10909	268	38.96	\$279.99
Intel Xeon E-2136 @ 3.30GHz	15899	129	50.32	\$315.99
Intel Xeon E-2144G @ 3.60GHz	11466	246	35.61	\$321.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2146G @ 3.50GHz	15896	131	44.78	\$354.99
Intel Xeon E-2174G @ 3.80GHz	12262	229	33.35	\$367.65
Intel Xeon E-2176G @ 3.70GHz	15594	137	37.13	\$419.99
Intel Xeon E-2176M @ 2.70GHz	13641	190	30.31	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	16057	124	30.59	\$524.99
Intel Xeon E-2186M @ 2.90GHz	14637	156	23.50	\$623.00*
Intel Xeon E-2224G @ 3.50GHz	10008	320	45.91	\$218.00*
Intel Xeon E-2276M @ 2.80GHz	13967	177	31.04	\$450.00*
Intel Xeon E-2286M @ 2.40GHz	17576	90	28.21	\$623.00*
Intel Xeon Gold 5117 @ 2.00GHz	16672	106	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16389	111	13.28	\$1,234.51
Intel Xeon Gold 5120 @ 2.20GHz	16308	116	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	84	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10894	269	8.58	\$1,269.99
Intel Xeon Gold 6126 @ 2.60GHz	19711	64	11.92	\$1,654.24
Intel Xeon Gold 6128 @ 3.40GHz	14941	151	8.13	\$1,837.99*
Intel Xeon Gold 6130 @ 2.10GHz	19277	71	9.89	\$1,949.99
Intel Xeon Gold 6132 @ 2.60GHz	23907	24	10.84	\$2,205.00*
Intel Xeon Gold 6134 @ 3.20GHz	18083	85	7.94	\$2,279.00
Intel Xeon Gold 6136 @ 3.00GHz	21061	48	8.06	\$2,613.59
Intel Xeon Gold 6138 @ 2.00GHz	25774	15	9.62	\$2,679.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	23	9.82	\$2,439.99
Intel Xeon Gold 6144 @ 3.50GHz	19654	67	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	19	6.31	\$3,982.51*
Intel Xeon Gold 6148 @ 2.40GHz	26660	12	8.19	\$3,253.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 6152 @ 2.10GHz	23498	26	6.18	\$3,799.99
Intel Xeon Gold 6154 @ 3.00GHz	27722	9	8.02	\$3,458.83
Intel Xeon Gold 6230 @ 2.10GHz	24600	20	12.21	\$2,013.99
Intel Xeon L3110 @ 3.00GHz	2273	1576	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1100	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2016	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	1079	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1779	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1578	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1573	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1626	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1404	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3014	1310	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1202	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3503	1167	127.39	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3723	1113	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1115	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	970	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	977	225.95	\$19.26*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5630 @ 2.13GHz	4369	973	67.22	\$65.00*
Intel Xeon L5638 @ 2.00GHz	5556	755	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	621	NA	NA
Intel Xeon L5640 @ 2.27GHz	6278	677	209.50	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1080	NA	NA
Intel Xeon MV 3.20GHz	683	2382	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26835	11	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	612	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	4	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	5	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	7	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	30583	2	3.51	\$8,725.00*
Intel Xeon Silver 4108 @ 1.80GHz	10838	272	24.09	\$449.99
Intel Xeon Silver 4109T @ 2.00GHz	10946	266	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11670	243	25.71	\$453.99
Intel Xeon Silver 4112 @ 2.60GHz	8611	454	16.75	\$513.99
Intel Xeon Silver 4114 @ 2.20GHz	14282	167	21.14	\$675.76
Intel Xeon Silver 4116 @ 2.10GHz	15397	141	14.66	\$1,049.99
Intel Xeon Silver 4123 @ 3.00GHz	15185	144	NA	NA
Intel Xeon Silver 4215 @ 2.50GHz	15440	139	20.61	\$749.00*
Intel Xeon W3503 @ 2.40GHz	1756	1801	108.30	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1844	1764	74.18	\$24.86*
Intel Xeon W3520 @ 2.67GHz	5057	836	105.36	\$48.00*
Intel Xeon W3530 @ 2.80GHz	5346	790	18.19	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	765	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5694	738	189.88	\$29.99*
Intel Xeon W3565 @ 3.20GHz	5939	711	84.91	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6062	702	12.63	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6366	671	29.68	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8121	497	16.24	\$499.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W3680 @ 3.33GHz	9026	415	11.88	\$759.95*
Intel Xeon W3690 @ 3.47GHz	9129	401	86.95	\$105.00
Intel Xeon W5580 @ 3.20GHz	5836	725	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	685	2.46	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	6954	610	29.59	\$235.05
Intel Xeon W-2104 @ 3.20GHz	7439	562	29.17	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10696	276	29.16	\$366.79
Intel Xeon W-2125 @ 4.00GHz	12345	224	25.21	\$489.63*
Intel Xeon W-2133 @ 3.60GHz	14207	170	23.03	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16322	114	18.01	\$906.28*
Intel Xeon W-2140B @ 3.20GHz	18610	78	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19689	65	16.50	\$1,192.99
Intel Xeon W-2150B @ 3.00GHz	21543	42	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21832	38	14.27	\$1,530.39*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2175 @ 2.50GHz	24454	21	12.56	\$1,947.00*
Intel Xeon W-2195 @ 2.30GHz	24081	22	8.67	\$2,777.20*
Intel Xeon X3210 @ 2.13GHz	2739	1409	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1287	51.35	\$60.15*
Intel Xeon X3230 @ 2.66GHz	3398	1190	9.44	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3306	1219	14.41	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3174	1257	163.95	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3379	1200	16.09	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1086	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1075	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3942	1061	24.96	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3985	1048	116.91	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	992	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	908	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3342	1211	202.18	\$16.53*
Intel Xeon X3440 @ 2.53GHz	4521	945	31.85	\$141.96*
Intel Xeon X3450 @ 2.67GHz	4751	897	59.43	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5014	848	14.05	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5100	822	46.65	\$109.34*
Intel Xeon X3480 @ 3.07GHz	5657	745	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1502	45.47	\$54.00*
Intel Xeon X5270 @ 3.50GHz	2553	1468	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1526	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3181	1253	10.27	\$309.95*
Intel Xeon X5365 @ 3.00GHz	3524	1160	35.42	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4112	1026	68.59	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4326	983	94.08	\$45.99*
Intel Xeon X5470 @ 3.33GHz	4590	929	24.29	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4014	1040	17.84	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4529	944	45.30	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	874	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5353	788	17.56	\$304.85*
Intel Xeon X5560 @ 2.80GHz	5399	780	158.85	\$33.99
Intel Xeon X5570 @ 2.93GHz	5679	740	283.97	\$20.00*
Intel Xeon X5647 @ 2.93GHz	5920	713	29.64	\$199.75*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5650 @ 2.67GHz	7368	575	344.94	\$21.36
Intel Xeon X5660 @ 2.80GHz	7569	550	312.28	\$24.24*
Intel Xeon X5667 @ 3.07GHz	6291	675	269.66	\$23.33*
Intel Xeon X5670 @ 2.93GHz	7856	519	224.54	\$34.99
Intel Xeon X5672 @ 3.20GHz	6397	665	1.49	\$4,280.00*
Intel Xeon X5675 @ 3.07GHz	8147	493	91.54	\$89.00
Intel Xeon X5677 @ 3.47GHz	6951	611	182.55	\$38.08*
Intel Xeon X5679 @ 3.20GHz	8845	435	NA	NA
Intel Xeon X5680 @ 3.33GHz	8395	470	111.94	\$75.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5687 @ 3.60GHz	7076	599	119.96	\$58.99
Intel Xeon X5690 @ 3.47GHz	8878	432	51.62	\$171.99
Intel Xeon X5698 @ 4.40GHz	4272	994	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1323	NA	NA
Mobile AMD Athlon 4	314	2686	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2641	NA	NA
Mobile AMD Athlon 64 2700+	398	2592	NA	NA
Mobile AMD Athlon 64 2800+	440	2543	NA	NA
Mobile AMD Athlon 64 3000+	450	2532	NA	NA
Mobile AMD Athlon 64 3200+	448	2535	NA	NA
Mobile AMD Athlon 64 3400+	511	2474	NA	NA
Mobile AMD Athlon 64 3700+	435	2553	NA	NA
Mobile AMD Athlon 64 4000+	576	2435	NA	NA
Mobile AMD Athlon 1400+	266	2761	NA	NA
Mobile AMD Athlon 2500+	370	2625	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2762	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2614	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2716	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2485	NA	NA
Mobile AMD Athlon XP	572	2439	45.81	\$12.49
Mobile AMD Athlon XP-M	512	2473	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2843	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2765	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2767	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2673	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2711	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2658	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2704	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2635	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2653	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2650	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2624	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2633	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2632	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2544	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2491	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2478	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2723	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2714	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2664	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M (LV) 2200+	373	2622	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2507	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2480	NA	NA
Mobile AMD Sempron 2100+	252	2776	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Sempron 2600+	394	2599	NA	NA
Mobile AMD Sempron 2800+	361	2638	NA	NA
Mobile AMD Sempron 3000+	389	2608	NA	NA
Mobile AMD Sempron 3100+	416	2566	NA	NA
Mobile AMD Sempron 3200+	354	2645	NA	NA
Mobile AMD Sempron 3300+	446	2537	NA	NA
Mobile AMD Sempron 3400+	441	2542	NA	NA
Mobile AMD Sempron 3500+	408	2575	NA	NA
Mobile AMD Sempron 3600+	427	2561	NA	NA
Mobile AMD Sempron 3800+	485	2496	NA	NA
Mobile Intel Celeron 1.20GHz	170	2854	NA	NA
Mobile Intel Celeron 1.50GHz	188	2838	NA	NA
Mobile Intel Celeron 1.60GHz	188	2839	NA	NA
Mobile Intel Celeron 1.70GHz	181	2847	NA	NA
Mobile Intel Celeron 1.80GHz	186	2841	NA	NA
Mobile Intel Celeron 2.00GHz	204	2823	NA	NA
Mobile Intel Celeron 2.20GHz	226	2803	NA	NA
Mobile Intel Celeron 2.40GHz	239	2792	NA	NA
Mobile Intel Celeron 2.50GHz	281	2741	NA	NA
Mobile Intel Celeron 1200MHz	294	2717	NA	NA
Mobile Intel Celeron 1333MHz	280	2744	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2749	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2764	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2746	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2684	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2661	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2642	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2545	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2505	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2833	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2853	0.97	\$178.99
Mobile Intel Pentium 4 - M 1.80GHz	175	2850	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2798	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2828	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2830	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2814	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2771	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2688	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2817	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2829	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2780	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2721	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2804	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2722	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1490	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Quad-Core AMD Opteron 1385	3442	1182	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3446	1181	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1344	NA	NA
VIA C3 Ezra	100	2882	NA	NA
VIA C7 1500MHz	284	2733	NA	NA
VIA C7-D 1500MHz	287	2729	NA	NA
VIA C7-D 1800MHz	203	2825	NA	NA
VIA C7-D 2000MHz	368	2628	NA	NA
VIA C7-M 1000MHz	164	2856	NA	NA
VIA C7-M 1200MHz	140	2869	NA	NA
VIA C7-M 1600MHz	178	2849	NA	NA
VIA C7-M 6300MHz	222	2806	NA	NA
VIA Eden 800MHz	155	2860	NA	NA
VIA Eden 1000MHz	123	2877	NA	NA
VIA Eden 1200MHz	142	2868	NA	NA
VIA Eden C1050@1.06GHz	352	2648	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2503	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	2130	NA	NA
VIA Esther 1000MHz	146	2867	NA	NA
VIA Esther 1300MHz	250	2778	NA	NA
VIA Esther 1500MHz	219	2808	NA	NA
VIA Esther 2000MHz	394	2598	NA	NA
VIA Nano L1900@1400MHz	457	2525	NA	NA
VIA Nano L2007@1600MHz	369	2626	NA	NA
VIA Nano L2100@1800MHz	428	2559	NA	NA
VIA Nano L2207@1600MHz	296	2713	NA	NA
VIA Nano L3025@1600MHz	517	2470	NA	NA
VIA Nano L3050@1800MHz	581	2432	NA	NA
VIA Nano L3600@2000MHz	645	2398	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2615	NA	NA
VIA Nano U2250@1300+MHz	274	2753	NA	NA
VIA Nano U2500@1200MHz	306	2695	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2482	NA	NA
VIA Nano U3300@1200MHz	409	2573	NA	NA
VIA Nano U3500@1000MHz	275	2751	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2417	NA	NA
VIA Nehemiah	155	2861	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1738	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	2000	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2110	NA	NA
VIA Samuel 2	79	2884	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	300	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	131	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	404	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	410	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	455	NA	NA
[Dual CPU] AMD EPYC 7281	13293	182	9.31	\$1,427.98
[Dual CPU] AMD EPYC 7371	19370	117	NA	NA
[Dual CPU] AMD EPYC 7401	23518	69	6.15	\$3,821.64
[Dual CPU] AMD EPYC 7451	28957	36	5.77	\$5,022.16
[Dual CPU] AMD EPYC 7501	29003	35	4.07	\$7,119.12
[Dual CPU] AMD EPYC 7551	30966	25	4.35	\$7,119.12
[Dual CPU] AMD EPYC 7601	33545	18	3.89	\$8,625.02
[Dual CPU] AMD Opteron 246	1130	444	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	445	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	441	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	442	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	450	NA	NA
[Dual CPU] AMD Opteron 256	1853	438	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	436	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	432	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	435	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	427	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2769	417	NA	NA
[Dual CPU] AMD Opteron 290	2716	419	10.06	\$270.00*
[Dual CPU] AMD Opteron 885	2851	413	NA	NA
[Dual CPU] AMD Opteron 2212	2203	433	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	428	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	425	NA	NA
[Dual CPU] AMD Opteron 2216	2485	424	50.10	\$49.60
[Dual CPU] AMD Opteron 2216 HE	2593	421	NA	NA
[Dual CPU] AMD Opteron 2218	2719	418	9.54	\$284.90
[Dual CPU] AMD Opteron 2218 HE	2514	422	NA	NA
[Dual CPU] AMD Opteron 2220	2854	412	1.88	\$1,517.68*
[Dual CPU] AMD Opteron 2220 SE	2882	411	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	408	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	402	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	392	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	399	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	393	7.55	\$539.98*
[Dual CPU] AMD Opteron 2354	4554	380	6.86	\$664.06*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2356	4441	383	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	362	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	390	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	376	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	363	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	361	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	348	63.93	\$90.00
[Dual CPU] AMD Opteron 2384	5914	345	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	335	NA	NA
[Dual CPU] AMD Opteron 2389	5677	350	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	365	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	336	NA	NA
[Dual CPU] AMD Opteron 2427	5907	346	29.83	\$198.00
[Dual CPU] AMD Opteron 2431	6438	329	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7068	315	18.70	\$378.00
[Dual CPU] AMD Opteron 2439 SE	8071	285	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	394	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	352	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	332	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	330	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7813	293	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	284	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	288	NA	NA
[Dual CPU] AMD Opteron 4234	9361	253	20.35	\$459.98*
[Dual CPU] AMD Opteron 4274 HE	4214	387	52.69	\$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	246	NA	NA
[Dual CPU] AMD Opteron 4280	4525	381	45.25	\$100.00*
[Dual CPU] AMD Opteron 4284	9151	254	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9456	252	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	225	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	233	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	211	40.57	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	322	169.13	\$39.98
[Dual CPU] AMD Opteron 6128 HE	5582	355	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	269	NA	NA
[Dual CPU] AMD Opteron 6134	7586	302	86.22	\$87.98
[Dual CPU] AMD Opteron 6136	7255	309	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	368	NA	NA
[Dual CPU] AMD Opteron 6168	7741	297	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7621	301	19.24	\$396.00
[Dual CPU] AMD Opteron 6174	8056	287	40.69	\$198.00
[Dual CPU] AMD Opteron 6176 SE	8448	274	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	405	10.05	\$309.98*
[Dual CPU] AMD Opteron 6204	7134	311	50.96	\$139.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6212	8927	263	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	220	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	236	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	227	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	10008	241	16.14	\$619.90
[Dual CPU] AMD Opteron 6274	10536	223	22.04	\$478.00
[Dual CPU] AMD Opteron 6275	10900	219	NA	NA
[Dual CPU] AMD Opteron 6276	10194	235	30.16	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	200	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	276	13.47	\$619.96*
[Dual CPU] AMD Opteron 6320	10716	221	20.69	\$518.02
[Dual CPU] AMD Opteron 6328	11842	203	16.49	\$718.00
[Dual CPU] AMD Opteron 6344	11203	214	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	208	28.53	\$399.98*
[Dual CPU] AMD Opteron 6376	10405	226	80.04	\$130.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6378	9145	255	11.46	\$798.00
[Dual CPU] AMD Opteron 6380	14200	168	120.34	\$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	195	40.65	\$299.98*
[Dual CPU] AMD Opteron 8218	2831	414	64.34	\$44.00
[Dual CPU] AMD Opteron 8220	2510	423	50.22	\$49.98
[Dual CPU] AMD Opteron 8222 SE	2793	416	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	403	67.15	\$48.00
[Dual CPU] AMD Opteron 8380	5643	353	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	364	NA	NA
[Dual CPU] AMD Opteron 8389	6517	326	41.25	\$158.00
[Dual CPU] AMD Opteron 8431	5813	347	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	323	46.80	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	299	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	443	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	430	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	398	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	290	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	464	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	462	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	459	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	541	458	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	465	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	466	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	463	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	461	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	456	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	452	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	451	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 3.06GHz	604	454	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	449	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	448	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	447	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	437	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	446	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	434	6.68	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	429	0.71	\$3,239.98
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	420	41.62	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	406	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2978	409	31.69	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	407	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3412	400	12.19	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3827	396	51.04	\$74.98*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8809	265	18.51	\$475.98
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11024	217	16.70	\$659.98
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	337	20.82	\$298.00
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	334	87.58	\$71.98*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	308	10.90	\$670.00*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	258	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11387	210	14.60	\$780.04*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	202	35.29	\$337.48*
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	278	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	174	179.43	\$76.00
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	170	68.82	\$200.00*
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	209	176.43	\$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	190	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	185	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15063	158	72.43	\$207.98
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	141	20.24	\$818.00*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	205	45.06	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	140	90.85	\$182.86
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	125	54.94	\$338.06
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	333	127.11	\$49.88
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	325	81.52	\$79.98
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	275	49.23	\$170.00
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8910	264	19.37	\$459.98
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8162	282	92.77	\$87.98
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8987	259	89.89	\$99.98
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	240	12.57	\$798.00*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	218	17.18	\$639.98
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12332	191	386.10	\$31.94
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13308	181	166.39	\$79.98
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15196	156	47.79	\$318.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16442	143	22.84	\$719.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14313	167	26.51	\$539.98
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	187	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	162	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13584	179	70.76	\$191.98
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15962	149	197.26	\$80.92
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18464	126	68.39	\$270.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18742	123	14.20	\$1,319.98
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	215	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	172	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	157	22.33	\$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	306	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15888	152	44.07	\$360.48*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16408	144	6.33	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16704	139	7.83	\$2,133.98
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14657	161	77.15	\$189.98
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14505	164	147.77	\$98.16
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19892	112	34.14	\$582.58*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20753	102	10.51	\$1,973.98
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13644	173	38.63	\$353.22
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20733	103	94.24	\$220.00
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21023	97	34.02	\$618.00
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	90	6.48	\$3,321.22*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	193	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	169	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	129	5.79	\$3,121.72*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	14948	159	71.61	\$208.74*
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18977	121	126.55	\$149.96
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20250	107	56.25	\$359.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20576	106	8.57	\$2,399.98
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	165	91.04	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14506	163	96.71	\$150.00
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	98	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13634	175	4.66	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	122	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	116	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16327	145	117.48	\$138.98
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17809	130	47.34	\$376.20
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22577	82	14.68	\$1,537.98
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23225	76	7.74	\$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	78	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17131	135	94.14	\$181.98
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	61	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16940	136	161.33	\$105.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22568	83	36.40	\$619.98
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22713	80	13.28	\$1,710.60*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23172	77	5.94	\$3,898.06
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18160	128	118.06	\$153.82
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20622	105	49.33	\$418.00
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	86	37.29	\$600.00
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	72	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	75	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	51	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	110	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21063	96	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	30	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18186	127	122.45	\$148.52
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21500	91	44.63	\$481.72
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24442	65	34.92	\$699.98
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22584	81	7.48	\$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	137	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21159	95	20.74	\$1,019.98
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	60	5.66	\$4,417.86*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	87	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	49	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	38	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20869	99	47.87	\$435.98
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23305	74	28.49	\$818.00
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24157	67	20.47	\$1,179.98
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	50	6.13	\$4,349.98
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	111	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	54	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19309	118	100.55	\$192.04
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23491	70	19.94	\$1,177.98
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25396	57	32.70	\$776.56
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27291	48	6.29	\$4,339.98
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20858	101	40.11	\$519.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	62	12.30	\$2,019.98
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	64	4.69	\$5,258.84*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23483	71	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	28	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31807	23	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23330	73	25.41	\$918.00
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27639	44	27.10	\$1,019.98
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30182	29	5.44	\$5,551.98
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	41	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29093	34	4.25	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	27	4.78	\$6,452.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	21	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	68	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26496	52	5.28	\$5,018.00*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	17	2.86	\$11,909.58*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	104	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	114	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	151	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	119	35.31	\$544.08
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	113	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18712	124	97.98	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	160	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	222	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	84	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	46	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	196	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	154	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	85	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	199	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	16047	146	42.45	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	239	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	431	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	395	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3532	397	36.04	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4166	389	53.75	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	371	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	379	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5122	367	64.04	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5149	366	52.54	\$98.00
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6010	342	14.38	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6350	331	12.21	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6846	321	49.61	\$138.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7132	312	188.18	\$37.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7511	303	12.56	\$597.88*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7099	314	130.02	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7796	294	129.76	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	426	12.93	\$190.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	415	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4878	375	34.87	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4999	370	39.67	\$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	358	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7418	305	91.94	\$80.68
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	298	15.66	\$492.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	291	66.51	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	391	16.04	\$258.08*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5507	356	12.57	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5956	344	13.60	\$438.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8059	286	68.31	\$117.98
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8280	279	118.29	\$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8668	268	72.85	\$118.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10321	230	47.79	\$215.96*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10327	229	44.90	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	357	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	360	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	89	8.41	\$2,618.10*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	66	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	93	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22049	88	8.93	\$2,469.02
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	59	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17463	132	6.88	\$2,539.98
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	47	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	120	7.83	\$2,442.00*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27819	43	8.41	\$3,308.48
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22869	79	6.22	\$3,675.98*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	25702	56	6.59	\$3,899.98
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	45	6.24	\$4,410.00*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25308	58	5.55	\$4,558.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29596	32	5.66	\$5,227.18
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	42	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34192	16	6.38	\$5,359.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	20	6.68	\$4,879.98
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	37	4.70	\$6,139.98
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28594	39	4.89	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29885	31	3.75	\$7,965.02*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36813	9	5.66	\$6,507.98
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	24	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33530	19	4.41	\$7,599.98
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37159	8	5.37	\$6,917.66
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41095	4	5.40	\$7,606.00*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	382	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	386	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	373	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	354	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	339	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	328	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	341	19.22	\$315.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	372	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	319	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	318	268.73	\$25.84*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	289	206.10	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7000	317	53.85	\$130.00*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	260	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	248	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9658	247	161.13	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	457	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	460	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	453	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	439	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	10	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	35823	12	2.32	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	33	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	6	3.33	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	13	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	11	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	7	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	3	3.26	\$12,604.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	148	17.75	\$899.98
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16452	142	18.12	\$907.98
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	178	13.24	\$1,027.98
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19397	115	14.35	\$1,351.52
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21232	94	10.11	\$2,099.98
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	109	19.96	\$1,002.00*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10079	237	47.08	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	228	2.06	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	232	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	377	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	378	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	374	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5748	349	9.27	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6203	338	31.17	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7445	304	62.08	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7829	292	85.12	\$91.98*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	283	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7776	295	17.28	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8193	281	40.97	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8682	267	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8934	262	14.65	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	256	133.63	\$67.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9535	251	238.38	\$40.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	243	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11287	213	264.21	\$42.72
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11598	206	239.23	\$48.48*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10279	231	220.30	\$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12250	194	175.05	\$69.98
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	238	1.18	\$8,560.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12461	188	70.01	\$178.00
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11305	212	148.44	\$76.16*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	177	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13555	180	90.37	\$150.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11940	201	101.20	\$117.98
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13754	171	39.98	\$343.98
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	273	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	324	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	266	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	242	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11794	204	268.05	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	388	46.34	\$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	369	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	385	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	384	36.47	\$120.00*
[Dual CPU] Quad-Core AMD Opteron 8378	5382	359	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	320	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	351	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	343	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	277	NA	NA
[Quad CPU] AMD Opteron 6136	9767	244	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	271	21.70	\$396.00
[Quad CPU] AMD Opteron 6272	12292	192	9.91	\$1,239.80
[Quad CPU] AMD Opteron 6274	10488	224	10.97	\$956.00
[Quad CPU] AMD Opteron 6276	15342	155	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	197	9.75	\$1,236.00
[Quad CPU] AMD Opteron 6282 SE	11044	216	21.24	\$519.96*
[Quad CPU] AMD Opteron 6376	13257	183	50.99	\$260.00
[Quad CPU] AMD Opteron 6378	20859	100	13.07	\$1,596.00
[Quad CPU] AMD Opteron 6380	12442	189	52.72	\$236.00
[Quad CPU] AMD Opteron 8360 SE	6490	327	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	340	NA	NA
[Quad CPU] AMD Opteron 8382	8553	272	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	307	NA	NA
[Quad CPU] AMD Opteron 8431	8252	280	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	313	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	261	29.81	\$300.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon 3.00GHz	1472	440	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	401	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	138	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	150	29.66	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	176	42.59	\$319.96
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	63	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	92	55.95	\$381.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	53	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	26	2.14	\$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	108	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	147	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	15	1.39	\$24,800.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	40	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	22	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	134	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17287	133	131.00	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14316	166	18.94	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	186	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	153	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	316	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	296	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	234	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	249	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	257	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	55	5.15	\$5,079.96
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	14	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	5	2.68	\$15,199.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	245	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	2	1.10	\$40,060.00*
[Quad CPU] Intel Xeon Platinum 8180M @ 2.50GHz	48904	1	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	250	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	198	4.24	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	270	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	207	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	13145	184	149.38	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	310	29.88	\$240.00*

* - Last price seen from our affiliates.

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