



Home Software Hardware Benchmarks Services Store Support Forums About Us

Home » CPU Benchmarks » CPU List

[CPU Benchmarks](#) [Video Card Benchmarks](#) [Hard Drive Benchmarks](#) [RAM](#) [PC Systems](#) [Android](#) [iOS / iPhone](#)

CPU Benchmarks

Over 1,000,000 CPUs
Benchmarked




----Select A Page ----



CPU List

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

How does your CPU compare?
Add your CPU to our benchmark chart
with **PerformanceTest V9!**



Cloud-based RADIUS
No hassle RADIUS integration
with WAPs, directory services

Single CPU Systems

Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2687	NA	NA
AMD A4 Micro-6400T APU	1544	1880	NA	NA
AMD A4 PRO-3340B	2402	1489	NA	NA
AMD A4 PRO-7300B APU	2372	1501	NA	NA
AMD A4 PRO-7350B	2227	1562	NA	NA
AMD A4-1200 APU	632	2368	NA	NA
AMD A4-1250 APU	618	2375	NA	NA
AMD A4-3300 APU	1499	1904	115.45	\$12.99
AMD A4-3300M APU	1185	2067	39.54	\$29.99*
AMD A4-3305M APU	1220	2047	39.61	\$30.81
AMD A4-3310MX APU	1287	2008	NA	NA
AMD A4-3320M APU	1253	2031	34.93	\$35.90
AMD A4-3330MX APU	1212	2051	NA	NA
AMD A4-3400 APU	1591	1866	18.10	\$87.95
AMD A4-3420 APU	1670	1819	NA	NA
AMD A4-4000 APU	1830	1739	26.15	\$69.99*
AMD A4-4020 APU	1921	1687	22.35	\$86.00
AMD A4-4300M APU	1611	1854	40.42	\$39.86
AMD A4-4355M APU	1175	2072	NA	NA
AMD A4-5000 APU	1915	1692	NA	NA
AMD A4-5050 APU	2113	1605	NA	NA
AMD A4-5100 APU	2037	1637	NA	NA
AMD A4-5150M APU	1844	1728	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5300 APU	2012	1649	12.20	\$164.89*
AMD A4-5300B APU	2139	1590	56.29	\$38.00*
AMD A4-6210 APU	2165	1581	NA	NA
AMD A4-6250J APU	2556	1431	NA	NA
AMD A4-6300 APU	2219	1565	37.00	\$59.99
AMD A4-6300B APU	2129	1598	21.30	\$100.00*
AMD A4-6320 APU	2329	1511	33.29	\$69.99*
AMD A4-7210 APU	2511	1449	NA	NA
AMD A4-7300 APU	2302	1526	19.35	\$119.00
AMD A4-9120	1945	1677	NA	NA
AMD A4-9125	2075	1623	NA	NA
AMD A6 Micro-6500T APU	1834	1737	NA	NA
AMD A6 PRO-7050B APU	1616	1851	NA	NA
AMD A6 PRO-7400B	2608	1410	NA	NA
AMD A6-1450 APU	1532	1885	NA	NA
AMD A6-3400M APU	1883	1712	62.86	\$29.97*
AMD A6-3410MX APU	2057	1631	515.55	\$3.99*
AMD A6-3420M APU	2001	1652	NA	NA
AMD A6-3430MX APU	2200	1572	NA	NA
AMD A6-3500 APU	2013	1648	50.35	\$39.99*
AMD A6-3600 APU	2701	1384	117.50	\$22.99*
AMD A6-3620 APU	2797	1352	46.63	\$59.99*
AMD A6-3650 APU	3151	1237	98.52	\$31.99*
AMD A6-3670 APU	3170	1224	23.96	\$132.31*
AMD A6-4400M APU	1639	1836	205.21	\$7.99*
AMD A6-4455M APU	1286	2009	NA	NA
AMD A6-5200 APU	2431	1476	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	1914	NA	NA
AMD A6-5350M APU	1913	1693	44.37	\$43.12
AMD A6-5357M APU	1941	1678	NA	NA
AMD A6-5400B APU	2232	1559	21.26	\$105.04*
AMD A6-5400K APU	2156	1586	21.79	\$99.00
AMD A6-6310 APU	2456	1466	NA	NA
AMD A6-6400B APU	2281	1537	NA	NA
AMD A6-6400K APU	2308	1521	22.17	\$104.13
AMD A6-6420B APU	2612	1408	NA	NA
AMD A6-6420K APU	2388	1494	15.92	\$149.99*
AMD A6-7000	1667	1822	NA	NA
AMD A6-7310 APU	2663	1395	NA	NA
AMD A6-7400K APU	2782	1357	46.61	\$59.70
AMD A6-7470K	2727	1378	11.22	\$243.00
AMD A6-7480	3168	1225	72.04	\$43.99
AMD A6-8500P	2202	1571	NA	NA
AMD A6-8550	3104	1248	NA	NA
AMD A6-9200	1718	1785	NA	NA
AMD A6-9210	1769	1760	NA	NA
AMD A6-9220	2163	1582	NA	NA
AMD A6-9220e	1624	1846	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-9225	2142	1589	NA	NA
AMD A6-9230	2102	1611	NA	NA
AMD A6-9500	3040	1270	63.33	\$48.02
AMD A6-9500E	2889	1327	40.17	\$71.93
AMD A8 PRO-7150B APU	2649	1399	NA	NA
AMD A8 PRO-7600B APU	4740	867	NA	NA
AMD A8-3500M APU	1972	1664	28.20	\$69.95
AMD A8-3510MX APU	2370	1502	NA	NA
AMD A8-3520M APU	2171	1579	NA	NA
AMD A8-3530MX APU	2365	1506	NA	NA
AMD A8-3550MX APU	2610	1409	NA	NA
AMD A8-3800 APU	3016	1276	52.93	\$56.99*
AMD A8-3820 APU	3104	1249	24.84	\$124.99*
AMD A8-3850 APU	3466	1143	32.80	\$105.68*
AMD A8-3870K APU	3544	1121	70.90	\$49.99*
AMD A8-4500M APU	2666	1393	NA	NA
AMD A8-4555M APU	2118	1603	NA	NA
AMD A8-5500 APU	3993	1011	70.67	\$56.50*
AMD A8-5500B APU	3993	1010	NA	NA
AMD A8-5545M APU	2587	1419	NA	NA
AMD A8-5550M APU	3006	1281	NA	NA
AMD A8-5557M APU	2968	1295	NA	NA
AMD A8-5600K APU	4343	945	18.94	\$229.30
AMD A8-6410 APU	2572	1427	NA	NA
AMD A8-6500 APU	4395	935	46.27	\$94.99*
AMD A8-6500B APU	4612	891	NA	NA
AMD A8-6500T APU	3221	1206	NA	NA
AMD A8-6600K APU	4586	897	47.29	\$96.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7050	1986	1659	NA	NA
AMD A8-7100 APU	2807	1350	NA	NA
AMD A8-7200P	3319	1178	NA	NA
AMD A8-7410 APU	2738	1375	NA	NA
AMD A8-7600 APU	5070	797	63.39	\$79.99*
AMD A8-7650K	4919	834	19.37	\$254.00
AMD A8-7670K	5089	791	31.59	\$161.10*
AMD A8-7680	5335	760	88.94	\$59.99*
AMD A8-8600P	3248	1198	NA	NA
AMD A8-8650	5470	736	NA	NA
AMD A8-9600	4985	818	80.39	\$62.02
AMD A9-9400	2323	1513	NA	NA
AMD A9-9410	2553	1432	NA	NA
AMD A9-9420	2347	1510	NA	NA
AMD A9-9420e	1883	1713	NA	NA
AMD A9-9425	2550	1434	NA	NA
AMD A9-9430	2524	1441	NA	NA
AMD A10 Micro-6700T APU	1970	1665	NA	NA
AMD A10 PRO-7350B APU	3171	1223	NA	NA
AMD A10 PRO-7800B APU	4973	822	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10 PRO-7850B APU	5380	751	NA	NA
AMD A10-4600M APU	3112	1247	NA	NA
AMD A10-4655M APU	2605	1412	NA	NA
AMD A10-4657M APU	2906	1314	NA	NA
AMD A10-5700 APU	4210	971	65.29	\$64.50*
AMD A10-5745M APU	2765	1364	NA	NA
AMD A10-5750M APU	3344	1176	NA	NA
AMD A10-5757M APU	3082	1256	NA	NA
AMD A10-5800B APU	4625	888	NA	NA
AMD A10-5800K APU	4636	883	13.95	\$332.32
AMD A10-6700 APU	4607	894	39.38	\$116.99*
AMD A10-6700T APU	3693	1084	25.02	\$147.61*
AMD A10-6790K APU	4717	869	49.67	\$94.99*
AMD A10-6800B APU	4806	854	NA	NA
AMD A10-6800K APU	4861	846	16.95	\$286.85*
AMD A10-7300 APU	2906	1317	NA	NA
AMD A10-7400P	3603	1102	NA	NA
AMD A10-7700K APU	5122	787	14.77	\$346.70*
AMD A10-7800 APU	4983	819	48.20	\$103.39*
AMD A10-7850K APU	5471	735	25.10	\$217.98
AMD A10-7860K	5066	801	28.95	\$175.00*
AMD A10-7870K	5471	734	24.11	\$226.99*
AMD A10-7890K	5704	705	28.52	\$199.99*
AMD A10-8700P	3445	1147	NA	NA
AMD A10-8750	5076	796	NA	NA
AMD A10-8850	5598	720	NA	NA
AMD A10-9600P	3781	1061	NA	NA
AMD A10-9620P	3689	1088	NA	NA
AMD A10-9630P	4497	917	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9700	5415	746	65.63	\$82.51
AMD A10-9700E	4747	866	52.18	\$90.99*
AMD A12-9700P	3730	1075	NA	NA
AMD A12-9720P	4003	1007	NA	NA
AMD A12-9730P	4472	921	NA	NA
AMD A12-9800	5519	730	39.16	\$140.93
AMD A12-9800E	5104	789	42.54	\$119.99*
AMD Athlon64 X2 Dual Core 4600+	1108	2110	NA	NA
AMD Athlon 4	279	2707	4.00	\$69.99*
AMD Athlon 64 2000+	116	2841	NA	NA
AMD Athlon 64 2200+	575	2399	NA	NA
AMD Athlon 64 2600+	374	2581	NA	NA
AMD Athlon 64 2800+	438	2510	4.38	\$99.99*
AMD Athlon 64 3000+	463	2479	6.19	\$74.95
AMD Athlon 64 3200+	492	2448	3.28	\$149.95*
AMD Athlon 64 3300+	576	2398	NA	NA
AMD Athlon 64 3400+	545	2411	NA	NA
AMD Athlon 64 3500+	540	2417	4.97	\$108.95*
AMD Athlon 64 3600+	601	2384	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 3700+	598	2386	8.67	\$69.00*
AMD Athlon 64 3800+	589	2389	3.28	\$179.95*
AMD Athlon 64 4000+	608	2379	3.07	\$197.95
AMD Athlon 64 FX-25	794	2293	NA	NA
AMD Athlon 64 FX-34	380	2573	NA	NA
AMD Athlon 64 FX-51	437	2511	NA	NA
AMD Athlon 64 FX-53	646	2360	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2324	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2320	NA	NA
AMD Athlon 64 FX-59	715	2327	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2014	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1870	NA	NA
AMD Athlon 64 FX-72	1794	1750	NA	NA
AMD Athlon 64 FX-74	1495	1908	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2207	NA	NA
AMD Athlon 64 X2 4200+	1285	2011	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2180	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2201	16.05	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1000	2174	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1043	2147	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1097	2116	6.86	\$159.95
AMD Athlon 64 X2 Dual Core 4400+	1145	2095	19.09	\$60.00
AMD Athlon 64 X2 Dual Core 4600+	1220	2048	3.39	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1254	2030	7.84	\$159.95
AMD Athlon 64 X2 Dual Core 5000+	1313	1989	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	1953	9.87	\$139.95
AMD Athlon 64 X2 Dual Core 5400+	1448	1924	27.34	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1485	1912	10.61	\$139.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1886	61.17	\$24.99*
AMD Athlon 64 X2 Dual Core 6000+	1603	1858	34.89	\$45.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core 6400+	1791	1752	6.89	\$259.95*
AMD Athlon 64 X2 Dual Core BE-230	1095	2120	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2129	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2146	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2272	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2273	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2195	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2252	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2282	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2253	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	925	2229	NA	NA
AMD Athlon 64 X2 QL-60	921	2233	NA	NA
AMD Athlon 64 X2 QL-62	1008	2168	NA	NA
AMD Athlon 64 X2 QL-64	992	2184	NA	NA
AMD Athlon 64 X2 QL-65	1050	2144	NA	NA
AMD Athlon 64 X2 QL-66	947	2214	NA	NA
AMD Athlon 64 X2 QL-67	1006	2169	NA	NA
AMD Athlon 64 X2 TK-55	955	2208	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 TK-57	988	2186	NA	NA
AMD Athlon 200GE	4937	830	77.23	\$63.93
AMD Athlon 220GE	5252	771	75.05	\$69.99
AMD Athlon 240GE	5428	741	83.53	\$64.99
AMD Athlon 1500+	294	2680	NA	NA
AMD Athlon 1640B	670	2350	13.42	\$50.00*
AMD Athlon 2000+	390	2569	NA	NA
AMD Athlon 2100+	412	2532	NA	NA
AMD Athlon 2200+	363	2599	4.55	\$79.99*
AMD Athlon 2400+	462	2482	NA	NA
AMD Athlon 2500+	374	2579	2.04	\$183.99*
AMD Athlon 2600+	444	2501	4.23	\$104.95*
AMD Athlon 2650e	409	2537	21.56	\$19.00*
AMD Athlon 2800+	447	2498	3.20	\$139.95*
AMD Athlon 2850e	506	2441	NA	NA
AMD Athlon 3100+	485	2459	NA	NA
AMD Athlon 3200+	458	2486	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	2003	76.13	\$16.98*
AMD Athlon 5150 APU	2106	1609	13.17	\$159.95
AMD Athlon 5200 Dual-Core	1266	2023	42.23	\$29.99*
AMD Athlon 5350 APU	2606	1411	7.70	\$338.46*
AMD Athlon 5370 APU	2902	1322	45.56	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1925	NA	NA
AMD Athlon 7550 Dual-Core	1464	1919	24.41	\$60.00*
AMD Athlon 7750 Dual-Core	1571	1872	19.89	\$79.00*
AMD Athlon 7850 Dual-Core	1713	1790	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2690	NA	NA
AMD Athlon Dual Core 4050e	1086	2125	NA	NA
AMD Athlon Dual Core 4450B	1166	2081	37.63	\$31.00*
AMD Athlon Dual Core 4450e	1105	2113	NA	NA
AMD Athlon Dual Core 4850B	1391	1948	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 4850e	1311	1991	33.63	\$39.00*
AMD Athlon Dual Core 5000B	1300	1996	13.69	\$95.00*
AMD Athlon Dual Core 5050e	1343	1975	22.39	\$60.00*
AMD Athlon Dual Core 5200B	1316	1988	NA	NA
AMD Athlon Dual Core 5400B	1411	1942	NA	NA
AMD Athlon Dual Core 5600B	1304	1994	NA	NA
AMD Athlon II 160u	560	2407	18.68	\$29.99*
AMD Athlon II 170u	625	2371	20.89	\$29.95*
AMD Athlon II Dual-Core M300	1113	2105	NA	NA
AMD Athlon II Dual-Core M320	1141	2097	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2142	NA	NA
AMD Athlon II N330 Dual-Core	1154	2088	NA	NA
AMD Athlon II N350 Dual-Core	1249	2034	NA	NA
AMD Athlon II N370 Dual-Core	1559	1876	NA	NA
AMD Athlon II Neo K125	473	2471	NA	NA
AMD Athlon II Neo K145	525	2425	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2300	29.84	\$25.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II Neo K345 Dual-Core	856	2263	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2296	NA	NA
AMD Athlon II P320 Dual-Core	1217	2049	40.65	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2033	27.82	\$44.95*
AMD Athlon II P360 Dual-Core	1318	1987	54.93	\$24.00*
AMD Athlon II X2 210e	1486	1911	NA	NA
AMD Athlon II X2 215	1571	1871	131.08	\$11.99*
AMD Athlon II X2 220	1631	1840	50.70	\$32.19
AMD Athlon II X2 225	1526	1887	NA	NA
AMD Athlon II X2 235e	1658	1829	9.12	\$181.88*
AMD Athlon II X2 240	1643	1835	47.02	\$34.95
AMD Athlon II X2 240e	1695	1807	48.52	\$34.95*
AMD Athlon II X2 245	1661	1828	47.54	\$34.95*
AMD Athlon II X2 245e	1709	1795	21.37	\$80.00*
AMD Athlon II X2 250	1741	1774	44.72	\$38.95
AMD Athlon II X2 250e	1939	1679	25.28	\$76.73*
AMD Athlon II X2 250u	1000	2173	28.64	\$34.95*
AMD Athlon II X2 255	1840	1732	28.22	\$65.22*
AMD Athlon II X2 260	1873	1715	93.70	\$19.99*
AMD Athlon II X2 260u	1107	2111	13.28	\$83.44*
AMD Athlon II X2 265	1890	1708	22.81	\$82.88*
AMD Athlon II X2 270	1978	1662	82.48	\$23.99*
AMD Athlon II X2 270u	1350	1972	19.96	\$67.67*
AMD Athlon II X2 280	2129	1597	21.30	\$99.99*
AMD Athlon II X2 4300e	1350	1971	NA	NA
AMD Athlon II X2 4400e	1616	1850	NA	NA
AMD Athlon II X2 4450e	1504	1902	NA	NA
AMD Athlon II X2 B22	1711	1792	41.05	\$41.69*
AMD Athlon II X2 B24	1775	1756	52.06	\$34.10
AMD Athlon II X2 B26	1897	1702	54.28	\$34.95*
AMD Athlon II X2 B28	2085	1619	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1651	18.70	\$107.43*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 405e	2025	1642	25.32	\$79.99*
AMD Athlon II X3 415e	2247	1552	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1532	19.68	\$116.15*
AMD Athlon II X3 425	2317	1517	85.86	\$26.99*
AMD Athlon II X3 425e	2239	1557	NA	NA
AMD Athlon II X3 435	2475	1464	82.54	\$29.99*
AMD Athlon II X3 440	2565	1429	95.07	\$26.99*
AMD Athlon II X3 445	2574	1423	28.29	\$91.00*
AMD Athlon II X3 450	2621	1405	68.96	\$38.01
AMD Athlon II X3 455	2765	1362	70.93	\$38.99*
AMD Athlon II X3 460	2863	1331	73.45	\$38.99*
AMD Athlon II X4 553	3814	1052	NA	NA
AMD Athlon II X4 555	3830	1047	NA	NA
AMD Athlon II X4 559	4141	986	NA	NA
AMD Athlon II X4 600e	2453	1470	18.84	\$130.23*
AMD Athlon II X4 605e	2738	1374	26.90	\$101.80*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 610e	2790	1354	39.87	\$69.99*
AMD Athlon II X4 615e	2901	1323	49.17	\$59.00*
AMD Athlon II X4 620	2933	1304	41.91	\$69.99*
AMD Athlon II X4 620e	2906	1316	NA	NA
AMD Athlon II X4 630	3135	1239	72.94	\$42.99*
AMD Athlon II X4 631 Quad-Core	3153	1235	39.42	\$80.00*
AMD Athlon II X4 635	3235	1202	46.25	\$69.95
AMD Athlon II X4 638 Quad-Core	3198	1213	120.73	\$26.49*
AMD Athlon II X4 640	3313	1182	41.45	\$79.95
AMD Athlon II X4 641 Quad-Core	3346	1174	36.57	\$91.50*
AMD Athlon II X4 645	3473	1140	43.44	\$79.95
AMD Athlon II X4 650	3482	1138	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3576	1112	20.09	\$178.04*
AMD Athlon II X4 655	2998	1285	NA	NA
AMD Athlon II X4 6400e	2594	1416	NA	NA
AMD Athlon L110	303	2660	NA	NA
AMD Athlon LE-1600	567	2405	27.04	\$21.00*
AMD Athlon LE-1620	572	2400	31.80	\$18.00*
AMD Athlon LE-1640	627	2370	NA	NA
AMD Athlon LE-1660	679	2347	NA	NA
AMD Athlon MP	230	2761	4.20	\$54.95*
AMD Athlon MP 1700+	339	2622	NA	NA
AMD Athlon MP 2400+	436	2512	NA	NA
AMD Athlon MP 2800+	497	2446	NA	NA
AMD Athlon Neo MV-40	410	2535	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2171	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2299	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2277	NA	NA
AMD Athlon PRO 200GE	5204	776	NA	NA
AMD Athlon QI-46	473	2470	NA	NA
AMD Athlon TF-20	413	2530	NA	NA
AMD Athlon TF-36	395	2559	NA	NA
AMD Athlon X2 215	1543	1881	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 235e	1806	1746	NA	NA
AMD Athlon X2 240	1602	1859	NA	NA
AMD Athlon X2 240e	1670	1820	NA	NA
AMD Athlon X2 250	1696	1806	NA	NA
AMD Athlon X2 255	1627	1845	NA	NA
AMD Athlon X2 280	2303	1525	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1911	1696	38.23	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1551	NA	NA
AMD Athlon X2 440	1424	1936	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2298	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2175	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2234	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2109	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2050	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2032	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 Dual Core L310	644	2362	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2166	NA	NA
AMD Athlon X3 425	2191	1575	NA	NA
AMD Athlon X3 435	2574	1424	26.96	\$95.49*
AMD Athlon X3 440	2078	1621	23.62	\$87.99*
AMD Athlon X3 445	2314	1519	NA	NA
AMD Athlon X3 450	3064	1263	38.80	\$78.99*
AMD Athlon X3 455	2401	1490	NA	NA
AMD Athlon X4 605e	2505	1452	NA	NA
AMD Athlon X4 620	2861	1333	47.74	\$59.95
AMD Athlon X4 635	2891	1326	23.71	\$121.99*
AMD Athlon X4 640	3172	1222	NA	NA
AMD Athlon X4 740 Quad Core	4013	1005	14.49	\$277.00*
AMD Athlon X4 750 Quad Core	4551	901	NA	NA
AMD Athlon X4 750K Quad Core	4253	962	55.24	\$76.99*
AMD Athlon X4 760K Quad Core	4594	895	109.44	\$41.98*
AMD Athlon X4 830	4701	872	NA	NA
AMD Athlon X4 840	5042	807	64.04	\$78.74*
AMD Athlon X4 845	5418	744	101.99	\$53.13*
AMD Athlon X4 860K	5417	745	99.41	\$54.50*
AMD Athlon X4 870K	5288	765	66.12	\$79.99*
AMD Athlon X4 880K	5544	725	55.45	\$99.99*
AMD Athlon X4 950	5249	772	73.78	\$71.15
AMD Athlon XP1600+	281	2702	NA	NA
AMD Athlon XP1900+	353	2608	NA	NA
AMD Athlon XP2100+	287	2692	NA	NA
AMD Athlon XP2200+	401	2550	NA	NA
AMD Athlon XP2400+	374	2580	NA	NA
AMD Athlon XP 1500	282	2701	NA	NA
AMD Athlon XP 1500+	257	2732	NA	NA
AMD Athlon XP 1600+	267	2722	NA	NA
AMD Athlon XP 1700	344	2618	NA	NA
AMD Athlon XP 1700+	271	2718	4.43	\$61.25
AMD Athlon XP 1800+	300	2667	5.10	\$58.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 1900+	312	2651	NA	NA
AMD Athlon XP 2000+	299	2668	12.00	\$24.99*
AMD Athlon XP 2100+	323	2634	NA	NA
AMD Athlon XP 2200+	328	2633	3.87	\$84.95*
AMD Athlon XP 2300+	464	2478	NA	NA
AMD Athlon XP 2400+	360	2601	4.01	\$89.99*
AMD Athlon XP 2500+	355	2605	NA	NA
AMD Athlon XP 2600+	372	2585	16.18	\$23.03*
AMD Athlon XP 2700+	393	2562	4.64	\$84.79*
AMD Athlon XP 2800+	400	2552	NA	NA
AMD Athlon XP 2900+	424	2526	NA	NA
AMD Athlon XP 3000+	402	2548	5.06	\$79.70*
AMD Athlon XP 3100+	433	2516	NA	NA
AMD Athlon XP 3200+	431	2518	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 3400+	570	2403	NA	NA
AMD Athlon XP Pro3+	367	2592	NA	NA
AMD Athlon XP-M	541	2416	15.48	\$34.95*
AMD C-30	310	2653	NA	NA
AMD C-50	462	2481	NA	NA
AMD C-60	466	2475	NA	NA
AMD C-60 APU	543	2413	NA	NA
AMD C-70 APU	558	2408	NA	NA
AMD E1 Micro-6200T APU	960	2204	NA	NA
AMD E1-1200 APU	655	2358	NA	NA
AMD E1-1500 APU	688	2342	NA	NA
AMD E1-2100 APU	639	2366	NA	NA
AMD E1-2200 APU	767	2302	NA	NA
AMD E1-2500 APU	888	2250	NA	NA
AMD E1-6010 APU	862	2257	NA	NA
AMD E1-6015 APU	899	2246	NA	NA
AMD E1-7010 APU	1002	2172	NA	NA
AMD E2-1800 APU	816	2281	NA	NA
AMD E2-2000 APU	825	2278	NA	NA
AMD E2-3000 APU	1105	2114	NA	NA
AMD E2-3000M APU	1096	2118	54.84	\$20.00*
AMD E2-3200 APU	1386	1950	173.59	\$7.99*
AMD E2-3800 APU	1639	1837	NA	NA
AMD E2-6110 APU	1909	1697	NA	NA
AMD E2-7110 APU	2283	1534	NA	NA
AMD E2-9000	1673	1817	NA	NA
AMD E2-9000e	1345	1974	NA	NA
AMD E2-9010	1745	1771	NA	NA
AMD E2-9030	1515	1897	NA	NA
AMD E-240	317	2642	NA	NA
AMD E-300 APU	610	2378	NA	NA
AMD E-350	746	2315	NA	NA
AMD E-350 APU	753	2310	NA	NA
AMD E-350D APU	726	2322	NA	NA
AMD E-450 APU	766	2303	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1762	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1616	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2483	1461	NA	NA
AMD Embedded R-Series RX-216GD	2409	1484	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	799	NA	NA
AMD Embedded R-Series RX-421BD	4635	884	NA	NA
AMD EPYC 7251 8-Core	11811	224	21.83	\$541.00
AMD EPYC 7301	18564	72	21.42	\$866.51
AMD EPYC 7351	18061	79	15.54	\$1,162.23

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD EPYC 7351P	15820	124	19.93	\$793.63
AMD EPYC 7371	22071	31	NA	NA
AMD EPYC 7401P	19555	62	18.19	\$1,075.00
AMD EPYC 7501	18942	68	5.41	\$3,498.72
AMD EPYC 7551	18483	73	5.44	\$3,400.00
AMD EPYC 7551P	18406	75	8.37	\$2,199.81
AMD FirePro A320 APU	4540	907	NA	NA
AMD FX-670K Quad-Core	4550	902	NA	NA
AMD FX-770K Quad-Core	4803	856	NA	NA
AMD FX-870K Quad Core	5021	812	NA	NA
AMD FX-4100 Quad-Core	4069	996	31.31	\$129.99*
AMD FX-4130 Quad-Core	4164	979	54.80	\$75.99*
AMD FX-4150 Quad-Core	4594	896	NA	NA
AMD FX-4170 Quad-Core	4867	842	48.68	\$99.99*
AMD FX-4200 Quad-Core	4235	966	18.56	\$228.21*
AMD FX-4300 Quad-Core	4692	875	73.69	\$63.68
AMD FX-4320	5005	816	NA	NA
AMD FX-4330	5321	764	NA	NA
AMD FX-4350 Quad-Core	5343	758	12.43	\$430.00
AMD FX-6100 Six-Core	5388	749	21.30	\$253.00
AMD FX-6120 Six-Core	5732	702	NA	NA
AMD FX-6130 Six-Core	6215	649	NA	NA
AMD FX-6200 Six-Core	6119	662	18.00	\$339.95
AMD FX-6300 Six-Core	6389	634	93.98	\$67.99
AMD FX-6330 Six-Core	6916	582	NA	NA
AMD FX-6350 Six-Core	6999	573	50.02	\$139.94
AMD FX-7500 APU	3211	1209	NA	NA
AMD FX-7600P	4049	999	NA	NA
AMD FX-7600P APU	4627	887	NA	NA
AMD FX-8100 Eight-Core	5996	674	42.23	\$142.00*
AMD FX-8120 Eight-Core	6598	615	65.99	\$99.99*
AMD FX-8140 Eight-Core	6133	659	NA	NA
AMD FX-8150 Eight-Core	7631	515	5.28	\$1,445.01*
AMD FX-8300 Eight-Core	7721	506	85.80	\$89.99
AMD FX-8310 Eight-Core	7723	505	NA	NA
AMD FX-8320 Eight-Core	8017	479	53.81	\$149.00
AMD FX-8320E Eight-Core	7548	520	76.26	\$98.99
AMD FX-8350 Eight-Core	8950	399	123.46	\$72.50
AMD FX-8370 Eight-Core	9038	390	73.13	\$123.59
AMD FX-8370E Eight-Core	7804	497	37.34	\$209.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8800P	4143	984	NA	NA
AMD FX-9370 Eight-Core	9445	354	16.15	\$585.00
AMD FX-9590 Eight-Core	10192	282	57.93	\$175.95
AMD FX-9800P	3975	1014	NA	NA
AMD FX-9830P	4775	861	NA	NA
AMD FX-B4150 Quad-Core	4611	892	NA	NA
AMD G-T40E	467	2474	NA	NA
AMD G-T40N	516	2433	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T40R	203	2788	NA	NA
AMD G-T44R	227	2763	NA	NA
AMD G-T48E	667	2352	NA	NA
AMD G-T52R	308	2655	NA	NA
AMD G-T56E	751	2311	NA	NA
AMD G-T56N	793	2295	NA	NA
AMD Geode NX	264	2725	NA	NA
AMD Geode NX 1750	291	2681	NA	NA
AMD GX-210JA SOC	401	2551	NA	NA
AMD GX-212JC SOC	744	2316	NA	NA
AMD GX-217GA SOC	1103	2115	NA	NA
AMD GX-218GL SOC	1115	2102	NA	NA
AMD GX-222GC SOC	1255	2029	NA	NA
AMD GX-412HC	1497	1907	NA	NA
AMD GX-415GA SOC	1946	1676	NA	NA
AMD GX-420CA SOC	2412	1482	NA	NA
AMD GX-424CC SOC	2491	1456	NA	NA
AMD K7	403	2546	NA	NA
AMD Opteron 140	396	2557	0.56	\$710.00*
AMD Opteron 142	428	2522	NA	NA
AMD Opteron 144	486	2456	7.48	\$65.00*
AMD Opteron 146	532	2422	8.87	\$59.99*
AMD Opteron 148	603	2383	NA	NA
AMD Opteron 150	604	2381	NA	NA
AMD Opteron 152	658	2354	NA	NA
AMD Opteron 154	703	2336	NA	NA
AMD Opteron 165	899	2247	1.47	\$610.00*
AMD Opteron 170	1097	2117	NA	NA
AMD Opteron 175	1167	2079	NA	NA
AMD Opteron 180	1233	2041	9.49	\$129.95*
AMD Opteron 185	1360	1966	NA	NA
AMD Opteron 246	632	2369	31.62	\$19.99*
AMD Opteron 248	476	2468	4.77	\$99.95
AMD Opteron 250	649	2359	59.01	\$11.00*
AMD Opteron 252	760	2307	12.00	\$63.36*
AMD Opteron 254	693	2340	NA	NA
AMD Opteron 256	963	2199	50.72	\$19.00*
AMD Opteron 265	963	2200	13.20	\$73.00
AMD Opteron 270	1170	2078	1.93	\$607.47*
AMD Opteron 275	1291	2005	19.87	\$64.99
AMD Opteron 280	1176	2071	1.48	\$796.67*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 285	1470	1916	NA	NA
AMD Opteron 290	1464	1918	10.85	\$135.00*
AMD Opteron 1210	923	2230	NA	NA
AMD Opteron 1210 HE	971	2194	NA	NA
AMD Opteron 1212	1009	2167	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1992	NA	NA
AMD Opteron 1214	1191	2064	4.11	\$290.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1214 HE	1299	1997	NA	NA
AMD Opteron 1216	1311	1990	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2076	NA	NA
AMD Opteron 1218	1468	1917	NA	NA
AMD Opteron 1218 HE	1444	1928	NA	NA
AMD Opteron 1220	1653	1832	NA	NA
AMD Opteron 1222	1757	1764	NA	NA
AMD Opteron 1352	2316	1518	17.04	\$135.99*
AMD Opteron 1354	2630	1403	19.49	\$135.00
AMD Opteron 1356	2765	1363	30.73	\$89.99*
AMD Opteron 1381	3065	1262	NA	NA
AMD Opteron 2212	1270	2020	63.53	\$20.00*
AMD Opteron 2214	1358	1969	46.85	\$29.00*
AMD Opteron 2214 HE	1415	1940	NA	NA
AMD Opteron 2216	1518	1896	61.21	\$24.80
AMD Opteron 2218	1594	1864	49.18	\$32.42*
AMD Opteron 2220	1701	1801	1.15	\$1,475.16*
AMD Opteron 2220 SE	1398	1945	55.92	\$25.00*
AMD Opteron 2222	1843	1730	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1689	NA	NA
AMD Opteron 2350	2820	1344	10.45	\$269.99*
AMD Opteron 2356	2814	1346	15.49	\$181.65*
AMD Opteron 2373 EE	2789	1355	NA	NA
AMD Opteron 2374 HE	2951	1298	15.53	\$189.99*
AMD Opteron 2376	2283	1535	13.69	\$166.81*
AMD Opteron 2378	3179	1221	17.76	\$179.00*
AMD Opteron 2380	2640	1401	58.69	\$45.00
AMD Opteron 2384	3538	1122	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1123	NA	NA
AMD Opteron 2393 SE	2246	1553	NA	NA
AMD Opteron 2427	3069	1260	31.00	\$99.00
AMD Opteron 2431	4516	913	112.91	\$40.00
AMD Opteron 2435	4708	871	24.91	\$189.00
AMD Opteron 3260 HE	3259	1191	NA	NA
AMD Opteron 3280	5403	747	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1391	NA	NA
AMD Opteron 3350 HE	4009	1006	NA	NA
AMD Opteron 3365	5963	676	NA	NA
AMD Opteron 3380	6384	635	7.89	\$809.00*
AMD Opteron 4122	2942	1301	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1227	NA	NA
AMD Opteron 4170 HE	3664	1092	62.11	\$59.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4184	4418	933	8.50	\$519.95*
AMD Opteron 4280	6430	627	128.60	\$50.00
AMD Opteron 4284	6660	609	111.03	\$59.99*
AMD Opteron 4332 HE	5614	717	NA	NA
AMD Opteron 4334	6099	664	28.18	\$216.42*
AMD Opteron 4365 EE	5025	811	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4386	6761	596	48.30	\$139.99*
AMD Opteron 6128	4505	914	225.37	\$19.99
AMD Opteron 6134	2938	1302	66.81	\$43.99
AMD Opteron 6136	4631	886	42.10	\$110.00*
AMD Opteron 6164 HE	5351	757	NA	NA
AMD Opteron 6172	5261	768	26.57	\$198.00
AMD Opteron 6174	6171	655	62.34	\$99.00
AMD Opteron 6176 SE	5465	737	34.37	\$159.00*
AMD Opteron 6212	5776	697	192.62	\$29.99*
AMD Opteron 6220	6785	592	113.11	\$59.99*
AMD Opteron 6234	5938	680	198.27	\$29.95*
AMD Opteron 6238	7673	512	127.92	\$59.99*
AMD Opteron 6272	6748	599	10.24	\$658.89
AMD Opteron 6274	4865	845	105.80	\$45.99
AMD Opteron 6276	8889	406	52.60	\$169.00
AMD Opteron 6282 SE	9116	381	70.13	\$129.99*
AMD Opteron 6287 SE	9789	322	NA	NA
AMD Opteron 6328	7813	496	21.76	\$359.00
AMD Opteron 6366 HE	7503	524	37.52	\$199.99*
AMD Opteron 6376	9212	372	141.72	\$65.00
AMD Opteron 6378	2152	1587	5.40	\$399.00
AMD Opteron 6380	10081	294	103.95	\$96.99
AMD Opteron 6386 SE	10898	249	72.66	\$149.99*
AMD Opteron 8354	2255	1549	93.98	\$24.00
AMD Opteron 8439 SE	3813	1053	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1264	NA	NA
AMD Opteron X3216 APU	2366	1505	NA	NA
AMD Opteron X3418 APU	4659	878	NA	NA
AMD Opteron X3421 APU	4928	833	NA	NA
AMD Phenom 2 X4 12000	3005	1283	NA	NA
AMD Phenom 7950 Quad-Core	2991	1286	NA	NA
AMD Phenom 8250 Triple-Core	1644	1834	NA	NA
AMD Phenom 8250e Triple-Core	1619	1849	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1839	NA	NA
AMD Phenom 8450 Triple-Core	1889	1710	63.08	\$29.95*
AMD Phenom 8450e Triple-Core	2040	1635	NA	NA
AMD Phenom 8600 Triple-Core	1706	1798	32.20	\$52.99*
AMD Phenom 8600B Triple-Core	1924	1686	36.33	\$52.99*
AMD Phenom 8650 Triple-Core	1989	1657	39.79	\$49.99*
AMD Phenom 8750 Triple-Core	2055	1632	NA	NA
AMD Phenom 8750B Triple-Core	2034	1638	NA	NA
AMD Phenom 8850 Triple-Core	1968	1668	NA	NA
AMD Phenom 8850B Triple-Core	2080	1620	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9100e Quad-Core	1835	1736	45.96	\$39.95*
AMD Phenom 9150e Quad-Core	2112	1606	52.88	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1516	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1406	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2204	1570	76.03	\$28.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9550 Quad-Core	2543	1437	87.74	\$28.99*
AMD Phenom 9600 Quad-Core	2306	1523	46.18	\$49.95
AMD Phenom 9600B Quad-Core	2573	1425	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2636	1402	47.98	\$54.95*
AMD Phenom 9750 Quad-Core	2812	1349	46.91	\$59.95
AMD Phenom 9750B Quad-Core	2709	1382	NA	NA
AMD Phenom 9850 Quad-Core	2892	1325	24.11	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1232	NA	NA
AMD Phenom 9950 Quad-Core	3010	1278	22.30	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1446	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1300	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1099	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1135	NA	NA
AMD Phenom II N620 Dual-Core	1679	1812	420.83	\$3.99*
AMD Phenom II N640 Dual-Core	1716	1788	26.42	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1725	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1396	NA	NA
AMD Phenom II N830 Triple-Core	1889	1709	NA	NA
AMD Phenom II N850 Triple-Core	1937	1680	77.51	\$25.00*
AMD Phenom II N870 Triple-Core	1993	1654	NA	NA
AMD Phenom II N930 Quad-Core	2274	1539	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1460	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2523	1442	16.82	\$149.99*
AMD Phenom II P650 Dual-Core	1597	1862	45.66	\$35.00*
AMD Phenom II P820 Triple-Core	1604	1857	NA	NA
AMD Phenom II P840 Triple-Core	1722	1782	NA	NA
AMD Phenom II P860 Triple-Core	1756	1766	NA	NA
AMD Phenom II P920 Quad-Core	1866	1718	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1743	NA	NA
AMD Phenom II P960 Quad-Core	2086	1617	74.53	\$28.00*
AMD Phenom II X2 511	2104	1610	NA	NA
AMD Phenom II X2 521	2071	1624	NA	NA
AMD Phenom II X2 545	1917	1691	43.60	\$43.98*
AMD Phenom II X2 550	2021	1643	40.44	\$49.99*
AMD Phenom II X2 555	2045	1634	73.10	\$27.98*
AMD Phenom II X2 560	2058	1629	31.67	\$64.99*
AMD Phenom II X2 565	2222	1564	74.12	\$29.99*
AMD Phenom II X2 570	2068	1625	NA	NA
AMD Phenom II X2 B53	1709	1794	NA	NA
AMD Phenom II X2 B55	1921	1688	40.02	\$48.00*
AMD Phenom II X2 B57	1826	1741	NA	NA
AMD Phenom II X2 B59	2131	1595	109.42	\$19.48*
AMD Phenom II X3 700e	2242	1555	NA	NA
AMD Phenom II X3 705e	2227	1561	14.63	\$152.34*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 710	2446	1471	28.94	\$84.53*
AMD Phenom II X3 715	2649	1398	31.17	\$84.99*
AMD Phenom II X3 720	2669	1392	38.14	\$69.99*
AMD Phenom II X3 740	2985	1287	33.55	\$88.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 B73	2735	1377	36.47	\$75.00*
AMD Phenom II X3 B75	2911	1312	72.80	\$39.99*
AMD Phenom II X3 B77	3067	1261	137.64	\$22.29*
AMD Phenom II X4 805	2998	1284	17.24	\$173.99*
AMD Phenom II X4 810	3122	1244	26.92	\$115.99*
AMD Phenom II X4 820	3395	1159	45.31	\$74.95*
AMD Phenom II X4 830	3434	1150	42.95	\$79.95*
AMD Phenom II X4 840	3508	1129	39.00	\$89.95*
AMD Phenom II X4 840T	3599	1104	51.43	\$69.99*
AMD Phenom II X4 850	3549	1118	54.62	\$64.99*
AMD Phenom II X4 900e	2882	1329	NA	NA
AMD Phenom II X4 905e	3078	1258	57.02	\$53.99*
AMD Phenom II X4 910	3252	1195	32.52	\$100.00*
AMD Phenom II X4 910e	3254	1193	20.73	\$156.99*
AMD Phenom II X4 920	3393	1161	42.42	\$79.99
AMD Phenom II X4 925	3422	1151	77.79	\$43.99*
AMD Phenom II X4 940	3590	1106	60.51	\$59.34*
AMD Phenom II X4 945	3656	1094	56.29	\$64.95*
AMD Phenom II X4 955	3926	1029	30.17	\$130.16*
AMD Phenom II X4 960T	3782	1060	59.11	\$63.99*
AMD Phenom II X4 965	4183	977	22.73	\$184.01
AMD Phenom II X4 970	4320	953	29.17	\$148.11*
AMD Phenom II X4 973	3759	1067	NA	NA
AMD Phenom II X4 975	4455	922	31.90	\$139.69*
AMD Phenom II X4 977	3750	1071	NA	NA
AMD Phenom II X4 980	4493	918	19.54	\$229.99*
AMD Phenom II X4 8700e	2377	1498	NA	NA
AMD Phenom II X4 B05e	2792	1353	NA	NA
AMD Phenom II X4 B15e	2736	1376	NA	NA
AMD Phenom II X4 B25	3297	1186	NA	NA
AMD Phenom II X4 B35	3383	1164	NA	NA
AMD Phenom II X4 B40	3361	1169	NA	NA
AMD Phenom II X4 B45	3470	1142	NA	NA
AMD Phenom II X4 B50	3698	1083	NA	NA
AMD Phenom II X4 B55	3854	1040	NA	NA
AMD Phenom II X4 B60	4043	1000	NA	NA
AMD Phenom II X4 B65	4177	978	NA	NA
AMD Phenom II X4 B70	4261	961	NA	NA
AMD Phenom II X4 B93	3358	1170	NA	NA
AMD Phenom II X4 B95	3684	1090	50.51	\$72.95*
AMD Phenom II X4 B97	3869	1037	43.01	\$89.95
AMD Phenom II X4 B99	4130	988	NA	NA
AMD Phenom II X6 1035T	4641	880	24.56	\$189.00*
AMD Phenom II X6 1045T	4799	859	44.44	\$108.01*
AMD Phenom II X6 1055T	4959	826	61.81	\$80.24*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1065T	5042	809	NA	NA
AMD Phenom II X6 1075T	5331	761	47.18	\$112.99*
AMD Phenom II X6 1090T	5569	721	14.06	\$396.08*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1100T	5712	703	32.19	\$177.49*
AMD Phenom II X6 1405T	5042	808	NA	NA
AMD Phenom II X620 Dual-Core	2189	1576	NA	NA
AMD Phenom II X640 Dual-Core	2021	1644	NA	NA
AMD Phenom II X920 Quad-Core	2650	1397	NA	NA
AMD Phenom II X940 Quad-Core	2695	1385	NA	NA
AMD Phenom Ultra X4 24500	3945	1025	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1805	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1569	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1769	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2069	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1930	NA	NA
AMD Phenom X3 8550	1927	1684	11.34	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1763	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1653	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1558	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1324	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1380	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1386	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2053	NA	NA
AMD PRO A4-3350B APU	2274	1540	NA	NA
AMD PRO A4-8350B	2776	1359	NA	NA
AMD PRO A6-7350B	2759	1367	NA	NA
AMD PRO A6-8500B	2516	1447	NA	NA
AMD PRO A6-8530B	2388	1493	NA	NA
AMD PRO A6-8550B	2970	1294	NA	NA
AMD PRO A6-8570	3049	1269	NA	NA
AMD PRO A6-8570E	2824	1341	NA	NA
AMD PRO A6-9500	3207	1210	43.34	\$74.00*
AMD PRO A6-9500B	2076	1622	NA	NA
AMD PRO A6-9500E	2760	1366	37.30	\$74.00*
AMD PRO A8-8600B	3524	1125	NA	NA
AMD PRO A8-8650B	5266	767	NA	NA
AMD PRO A8-8670E	5015	813	NA	NA
AMD PRO A8-9600	5277	766	44.35	\$119.00*
AMD PRO A8-9600B	3973	1016	NA	NA
AMD PRO A10-8700B	3550	1117	NA	NA
AMD PRO A10-8730B	3971	1018	NA	NA
AMD PRO A10-8750B	5473	732	NA	NA
AMD PRO A10-8770	5707	704	NA	NA
AMD PRO A10-8770E	5035	810	NA	NA
AMD PRO A10-8850B	5852	688	NA	NA
AMD PRO A10-9700	5677	709	33.59	\$169.00*
AMD PRO A10-9700B	4393	936	NA	NA
AMD PRO A10-9700E	5066	800	36.45	\$139.00*
AMD PRO A12-8800B	4137	987	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A12-8830B	4325	951	NA	NA
AMD PRO A12-8870	6067	669	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A12-8870E	5186	782	NA	NA
AMD PRO A12-9800	6154	657	36.42	\$169.00*
AMD PRO A12-9800B	4123	990	NA	NA
AMD PRO A12-9800E	4769	862	28.22	\$169.00*
AMD QC-4000	1663	1826	NA	NA
AMD R-260H APU	1576	1869	NA	NA
AMD R-460L APU	1954	1673	NA	NA
AMD R-464L APU	3117	1246	NA	NA
AMD RX-427BB	4349	944	NA	NA
AMD Ryzen 3 1200	6731	601	96.17	\$69.99
AMD Ryzen 3 1300X	7501	525	65.86	\$113.89
AMD Ryzen 3 2200G	7307	549	79.44	\$91.99
AMD Ryzen 3 2200GE	6778	593	NA	NA
AMD Ryzen 3 2200U	4528	912	NA	NA
AMD Ryzen 3 2300U	6213	650	NA	NA
AMD Ryzen 3 2300X	8518	433	NA	NA
AMD Ryzen 3 3200U	4955	827	NA	NA
AMD Ryzen 3 PRO 1200	7069	568	NA	NA
AMD Ryzen 3 PRO 1300	8022	477	NA	NA
AMD Ryzen 3 PRO 2200G	8042	475	NA	NA
AMD Ryzen 3 PRO 2200GE	7698	507	NA	NA
AMD Ryzen 3 PRO 2300U	7124	564	NA	NA
AMD Ryzen 5 1400	8363	444	57.74	\$144.85
AMD Ryzen 5 1500X	10077	295	66.18	\$152.29
AMD Ryzen 5 1600	12275	211	102.30	\$119.99
AMD Ryzen 5 1600X	13235	185	88.01	\$150.38
AMD Ryzen 5 2400G	9310	363	66.51	\$139.99
AMD Ryzen 5 2400GE	8345	447	NA	NA
AMD Ryzen 5 2500U	7332	545	NA	NA
AMD Ryzen 5 2500X	9663	334	NA	NA
AMD Ryzen 5 2600	13530	179	82.79	\$163.43
AMD Ryzen 5 2600H	7949	484	NA	NA
AMD Ryzen 5 2600X	14367	151	82.11	\$174.99
AMD Ryzen 5 3500U	7225	556	NA	NA
AMD Ryzen 5 3550H	8552	432	NA	NA
AMD Ryzen 5 PRO 1500	10133	289	NA	NA
AMD Ryzen 5 PRO 1600	12213	213	NA	NA
AMD Ryzen 5 PRO 2400G	10015	298	NA	NA
AMD Ryzen 5 PRO 2400GE	8718	417	NA	NA
AMD Ryzen 5 PRO 2500U	8500	434	NA	NA
AMD Ryzen 5 PRO 2600	14407	148	NA	NA
AMD Ryzen 7 1700	13770	170	86.26	\$159.65
AMD Ryzen 7 1700X	14690	139	84.32	\$174.22
AMD Ryzen 7 1800X	15416	128	74.30	\$207.50
AMD Ryzen 7 2700	15055	134	68.59	\$219.51
AMD Ryzen 7 2700U	7348	542	NA	NA
AMD Ryzen 7 2700X	16985	90	57.58	\$294.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 2800H	8498	435	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 3700U	6092	666	NA	NA
AMD Ryzen 7 3750H	9311	362	NA	NA
AMD Ryzen 7 PRO 1700	14171	155	NA	NA
AMD Ryzen 7 PRO 1700X	15349	130	NA	NA
AMD Ryzen 7 PRO 2700	15897	118	NA	NA
AMD Ryzen 7 PRO 2700U	8897	404	NA	NA
AMD Ryzen 7 PRO 2700X	17276	85	NA	NA
AMD Ryzen 7 PRO 3700U	9146	376	NA	NA
AMD Ryzen Embedded V1202B	5051	803	NA	NA
AMD Ryzen Embedded V1605B	7864	487	NA	NA
AMD Ryzen Embedded V1807B	7529	521	NA	NA
AMD Ryzen Threadripper 1900X	16149	111	53.83	\$299.99
AMD Ryzen Threadripper 1920X	19572	61	63.14	\$310.00
AMD Ryzen Threadripper 1950X	21852	35	41.23	\$529.99
AMD Ryzen Threadripper 2920X	22115	30	36.86	\$599.99
AMD Ryzen Threadripper 2950X	25500	13	30.21	\$843.99
AMD Ryzen Threadripper 2970WX	21875	34	17.71	\$1,235.00
AMD Ryzen Threadripper 2990WX	23407	23	14.02	\$1,670.00
AMD Ryzen Threadripper 2990X	19227	65	NA	NA
AMD Sempron 130	656	2357	26.29	\$24.99*
AMD Sempron 140	735	2318	18.58	\$39.59*
AMD Sempron 145	806	2290	8.49	\$94.92
AMD Sempron 150	707	2332	15.74	\$44.95*
AMD Sempron 200U	267	2721	3.08	\$87.00*
AMD Sempron 210U	391	2567	NA	NA
AMD Sempron 240	2110	1607	36.39	\$58.00
AMD Sempron 2100+	392	2565	NA	NA
AMD Sempron 2200+	281	2705	9.38	\$29.99*
AMD Sempron 2300+	318	2641	7.07	\$45.00*
AMD Sempron 2400+	314	2649	12.10	\$26.00*
AMD Sempron 2500+	335	2625	3.54	\$94.95*
AMD Sempron 2600+	373	2583	10.70	\$34.95
AMD Sempron 2650 APU	944	2219	17.60	\$53.68
AMD Sempron 2800+	383	2571	6.40	\$59.95
AMD Sempron 3000+	408	2539	20.41	\$20.00
AMD Sempron 3100+	452	2492	7.53	\$60.00*
AMD Sempron 3200+	406	2540	3.10	\$131.22*
AMD Sempron 3300+	484	2461	8.07	\$60.00
AMD Sempron 3400+	454	2490	3.47	\$131.22*
AMD Sempron 3500+	379	2574	18.98	\$20.00*
AMD Sempron 3600+	483	2463	40.30	\$12.00*
AMD Sempron 3800+	554	2409	3.62	\$152.92*
AMD Sempron 3850 APU	1711	1791	27.61	\$62.00
AMD Sempron Dual Core 2100	936	2221	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2178	NA	NA
AMD Sempron Dual Core 2300	982	2187	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2213	NA	NA
AMD Sempron Dual Core 4900	1081	2130	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron LE-250	490	2450	NA	NA
AMD Sempron LE-1100	438	2509	NA	NA
AMD Sempron LE-1150	444	2500	NA	NA
AMD Sempron LE-1200	528	2423	NA	NA
AMD Sempron LE-1250	541	2415	5.41	\$99.95*
AMD Sempron LE-1300	598	2385	27.22	\$22.00
AMD Sempron LE-1600	535	2420	NA	NA
AMD Sempron LE-1620	635	2367	NA	NA
AMD Sempron LE-1640	759	2308	NA	NA
AMD Sempron M100	561	2406	46.80	\$12.00*
AMD Sempron M120	582	2393	NA	NA
AMD Sempron SI-40	443	2502	36.93	\$12.00*
AMD Sempron SI-42	456	2489	15.22	\$30.01*
AMD Sempron X2 180	1222	2046	17.62	\$69.40*
AMD Sempron X2 190	1512	1900	18.12	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1941	NA	NA
AMD Turion 64 Mobile MK-36	465	2476	NA	NA
AMD Turion 64 Mobile MK-38	513	2434	NA	NA
AMD Turion 64 Mobile ML-28	390	2568	NA	NA
AMD Turion 64 Mobile ML-30	402	2549	NA	NA
AMD Turion 64 Mobile ML-32	410	2534	NA	NA
AMD Turion 64 Mobile ML-34	425	2525	NA	NA
AMD Turion 64 Mobile ML-37	442	2503	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2428	NA	NA
AMD Turion 64 Mobile ML-42	615	2376	NA	NA
AMD Turion 64 Mobile ML-44	591	2387	NA	NA
AMD Turion 64 Mobile MT-28	419	2527	NA	NA
AMD Turion 64 Mobile MT-30	378	2575	NA	NA
AMD Turion 64 Mobile MT-32	426	2524	NA	NA
AMD Turion 64 Mobile MT-34	429	2520	NA	NA
AMD Turion 64 Mobile MT-37	484	2460	NA	NA
AMD Turion 64 Mobile MT-40	536	2418	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2314	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2304	NA	NA
AMD Turion 64 X2 Mobile TL-56	890	2249	44.53	\$20.00*
AMD Turion 64 X2 Mobile TL-58	946	2215	NA	NA
AMD Turion 64 X2 Mobile TL-60	995	2179	45.35	\$21.95*
AMD Turion 64 X2 Mobile TL-62	1087	2124	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1094	2121	27.78	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2096	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2082	12.92	\$90.00*
AMD Turion Dual-Core RM-70	904	2245	36.16	\$25.00*
AMD Turion Dual-Core RM-72	860	2258	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	2164	NA	NA
AMD Turion Dual-Core RM-75	977	2189	35.61	\$27.46*
AMD Turion II Dual-Core Mobile M500	1294	2002	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	1993	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1979	NA	NA
AMD Turion II N530 Dual-Core	1583	1868	52.78	\$30.00*

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)
AMD Turion II N550 Dual-Core	1521	1889	NA	NA
AMD Turion II Neo K625 Dual-Core	975	2191	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2066	NA	NA
AMD Turion II Neo N40L Dual-Core	929	2225	NA	NA
AMD Turion II Neo N54L Dual-Core	1361	1963	NA	NA
AMD Turion II P520 Dual-Core	1359	1968	NA	NA
AMD Turion II P540 Dual-Core	1430	1933	28.63	\$49.95*
AMD Turion II P560 Dual-Core	1514	1899	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	1943	78.98	\$17.81*
AMD Turion II Ultra Dual-Core Mobile M620	1430	1932	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1821	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1884	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2286	NA	NA
AMD Turion X2 Dual Core L510	923	2231	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2260	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2139	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	993	2183	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2126	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2138	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1137	2098	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2090	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1012	2165	72.31	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2128	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2054	63.72	\$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2039	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	2000	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1232	2042	30.86	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2177	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2157	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1923	NA	NA
AMD V105	299	2669	NA	NA
AMD V120	623	2374	NA	NA
AMD V140	643	2364	12.88	\$49.95*
AMD V160	677	2349	NA	NA
AMD Z-01	523	2427	NA	NA
AMD Z-60 APU	500	2445	NA	NA
AMD-K6 3D	90	2845	NA	NA
AMD-K6-III	108	2842	NA	NA
AMD-K7	403	2547	NA	NA
Athlon 64 Dual Core 3800+	1234	2040	NA	NA
Athlon 64 Dual Core 4200+	1156	2086	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	1959	NA	NA
Athlon 64 Dual Core 5000+	1507	1901	NA	NA
Athlon 64 Dual Core 5400+	1614	1852	NA	NA
Athlon 64 Dual Core 5600+	1548	1879	NA	NA
Athlon Dual Core 4050e	968	2196	NA	NA
Athlon Dual Core 4450e	1204	2056	NA	NA
Athlon Dual Core 4850e	1327	1983	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1336	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Celeron Dual-Core T3000 @ 1.80GHz	1084	2127	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1170	2077	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1201	2059	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	2016	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2055	NA	NA
HP Hexa-Core 2.0GHz	2178	1578	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2262	NA	NA
Intel 1400 @ 1.83GHz	980	2188	NA	NA
Intel 1500 @ 2.00GHz	1024	2159	NA	NA
Intel Atom 230 @ 1.60GHz	306	2656	NA	NA
Intel Atom 330 @ 1.60GHz	587	2391	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2248	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2203	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1618	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1547	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1580	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3806	1056	16.41	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1175	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1231	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1468	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1439	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	847	14.62	\$332.00*
Intel Atom D410 @ 1.66GHz	301	2665	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2617	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2356	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2333	NA	NA
Intel Atom D2500 @ 1.86GHz	403	2545	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2346	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2328	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2271	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2325	NA	NA
Intel Atom E660 @ 1.30GHz	271	2716	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2614	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2630	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2396	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2452	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2267	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2083	NA	NA
Intel Atom E3845 @ 1.91GHz	1501	1903	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1717	NA	NA
Intel Atom E3950 @ 1.60GHz	1855	1723	NA	NA
Intel Atom K510 @ 1.66GHz	658	2355	NA	NA
Intel Atom N270 @ 1.60GHz	270	2720	NA	NA
Intel Atom N280 @ 1.66GHz	283	2698	NA	NA
Intel Atom N435 @ 1.33GHz	261	2728	NA	NA
Intel Atom N450 @ 1.66GHz	295	2677	NA	NA
Intel Atom N455 @ 1.66GHz	283	2697	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N470 @ 1.83GHz	318	2640	NA	NA
Intel Atom N475 @ 1.83GHz	314	2647	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N550 @ 1.50GHz	524	2426	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	571	2402	6.64	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2661	NA	NA
Intel Atom N2600 @ 1.60GHz	525	2424	NA	NA
Intel Atom N2800 @ 1.86GHz	624	2372	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2236	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1636	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2287	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1623	1848	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1194	2061	8.98	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1018	2162	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1266	2024	60.29	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1697	1804	27.13	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1837	1735	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1893	1705	25.72	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1902	1698	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2796	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2772	NA	NA
Intel Atom Z520 @ 1.33GHz	216	2775	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2704	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2611	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2572	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2752	NA	NA
Intel Atom Z2760 @ 1.80GHz	569	2404	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	2237	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2228	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	908	2243	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	907	2244	NA	NA
Intel Atom Z3736F @ 1.33GHz	919	2235	NA	NA
Intel Atom Z3740 @ 1.33GHz	1061	2137	NA	NA
Intel Atom Z3740D @ 1.33GHz	1025	2158	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2133	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1034	2151	NA	NA
Intel Atom Z3770 @ 1.46GHz	1245	2037	8.34	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2291	NA	NA
Intel Atom Z3775 @ 1.46GHz	1259	2026	35.98	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2015	NA	NA
Intel Atom Z3795 @ 1.60GHz	1772	1759	NA	NA
Intel Celeron 1.70GHz	130	2835	NA	NA
Intel Celeron 1.80GHz	136	2832	NA	NA
Intel Celeron 2.00GHz	182	2808	NA	NA
Intel Celeron 2.10GHz	244	2750	NA	NA
Intel Celeron 2.13GHz	208	2783	NA	NA
Intel Celeron 2.20GHz	213	2778	NA	NA
Intel Celeron 2.26GHz	223	2767	NA	NA
Intel Celeron 2.30GHz	227	2764	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.40GHz	217	2773	NA	NA
Intel Celeron 2.50GHz	247	2744	NA	NA
Intel Celeron 2.53GHz	245	2748	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.60GHz	238	2755	NA	NA
Intel Celeron 2.66GHz	250	2741	NA	NA
Intel Celeron 2.70GHz	245	2749	NA	NA
Intel Celeron 2.80GHz	254	2734	NA	NA
Intel Celeron 2.93GHz	283	2696	NA	NA
Intel Celeron 3.06GHz	285	2693	NA	NA
Intel Celeron 3.20GHz	288	2686	NA	NA
Intel Celeron 3.33GHz	333	2628	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2636	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2638	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2494	11.27	\$39.99*
Intel Celeron 430 @ 1.80GHz	490	2451	9.12	\$53.75
Intel Celeron 440 @ 2.00GHz	548	2410	9.14	\$59.99
Intel Celeron 450 @ 2.20GHz	624	2373	20.82	\$29.99*
Intel Celeron 530 @ 1.73GHz	470	2472	20.46	\$23.00*
Intel Celeron 540 @ 1.86GHz	518	2429	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2431	7.96	\$64.95
Intel Celeron 560 @ 2.13GHz	535	2419	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2430	NA	NA
Intel Celeron 600MHz	147	2828	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2543	NA	NA
Intel Celeron 743 @ 1.30GHz	429	2519	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2312	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2589	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2377	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2222	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1030	2153	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2094	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2075	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1290	2006	NA	NA
Intel Celeron 887 @ 1.50GHz	1274	2017	NA	NA
Intel Celeron 900 @ 2.20GHz	678	2348	23.41	\$28.99
Intel Celeron 925 @ 2.30GHz	695	2338	NA	NA
Intel Celeron 1000M @ 1.80GHz	1676	1814	NA	NA
Intel Celeron 1000MHz	213	2777	NA	NA
Intel Celeron 1005M @ 1.90GHz	1810	1745	NA	NA
Intel Celeron 1007U @ 1.50GHz	1390	1949	7.52	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1520	1891	NA	NA
Intel Celeron 1019Y @ 1.00GHz	946	2216	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1560	NA	NA
Intel Celeron 1037U @ 1.80GHz	1735	1778	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2065	NA	NA
Intel Celeron 1066MHz	259	2730	NA	NA
Intel Celeron 1100MHz	174	2814	NA	NA
Intel Celeron 1133MHz	282	2699	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1200MHz	244	2751	NA	NA
Intel Celeron 1300MHz	288	2688	NA	NA
Intel Celeron 1333MHz	290	2682	NA	NA
Intel Celeron 1400MHz	302	2662	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2000E @ 2.20GHz	2365	1507	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1855	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1974	1663	NA	NA
Intel Celeron 2955U @ 1.40GHz	1420	1938	NA	NA
Intel Celeron 2957U @ 1.40GHz	1434	1931	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2107	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1520	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1865	NA	NA
Intel Celeron 2981U @ 1.60GHz	1522	1888	NA	NA
Intel Celeron 3205U @ 1.50GHz	1494	1909	5.21	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1629	1843	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1800	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1656	NA	NA
Intel Celeron 3855U @ 1.60GHz	1673	1816	NA	NA
Intel Celeron 3865U @ 1.80GHz	1911	1695	NA	NA
Intel Celeron 3867U @ 1.80GHz	2010	1650	18.79	\$107.00*
Intel Celeron 3955U @ 2.00GHz	1913	1694	NA	NA
Intel Celeron 3965U @ 2.20GHz	2411	1483	22.54	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1629	1842	15.23	\$107.00*
Intel Celeron @ 1.30GHz	965	2197	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2802	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2284	NA	NA
Intel Celeron B800 @ 1.50GHz	1274	2018	NA	NA
Intel Celeron B810 @ 1.60GHz	1425	1935	NA	NA
Intel Celeron B815 @ 1.60GHz	1365	1961	NA	NA
Intel Celeron B820 @ 1.70GHz	1427	1934	36.35	\$39.29*
Intel Celeron B830 @ 1.80GHz	1515	1898	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1784	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2719	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2663	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2644	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2624	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2544	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2464	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2392	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2261	7.80	\$109.95*
Intel Celeron E1400 @ 2.00GHz	1046	2145	11.64	\$89.95
Intel Celeron E1500 @ 2.20GHz	1180	2070	60.07	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2028	NA	NA
Intel Celeron E3200 @ 2.40GHz	1381	1954	26.57	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1386	1951	21.33	\$64.99
Intel Celeron E3400 @ 2.60GHz	1438	1929	29.88	\$48.15*
Intel Celeron E3500 @ 2.70GHz	1454	1922	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	694	2339	13.90	\$49.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G460 @ 1.80GHz	1029	2154	15.84	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2136	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	1999	NA	NA
Intel Celeron G530 @ 2.40GHz	2131	1594	53.30	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1786	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G540 @ 2.50GHz	2199	1573	48.89	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1604	NA	NA
Intel Celeron G550 @ 2.60GHz	2289	1528	28.61	\$80.00
Intel Celeron G550T @ 2.20GHz	2063	1627	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1480	60.57	\$40.00*
Intel Celeron G1101 @ 2.27GHz	1667	1823	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2489	1457	8.30	\$299.95
Intel Celeron G1610T @ 2.30GHz	2286	1531	57.12	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2576	1422	16.77	\$153.59*
Intel Celeron G1620T @ 2.40GHz	2353	1509	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1455	49.89	\$49.99*
Intel Celeron G1820 @ 2.70GHz	2753	1370	30.60	\$89.99
Intel Celeron G1820T @ 2.40GHz	2505	1451	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1593	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1436	26.80	\$94.95
Intel Celeron G1840 @ 2.80GHz	2862	1332	26.02	\$109.98
Intel Celeron G1840T @ 2.50GHz	2605	1413	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1313	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3144	1238	48.72	\$64.53
Intel Celeron G3900E @ 2.40GHz	2679	1390	NA	NA
Intel Celeron G3900T @ 2.60GHz	2919	1310	25.96	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1417	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1243	22.31	\$139.99
Intel Celeron G3930 @ 2.90GHz	3039	1271	59.41	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1361	32.17	\$85.99*
Intel Celeron G3950 @ 3.00GHz	3006	1282	42.21	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3270	1190	59.47	\$54.99
Intel Celeron G4900T @ 2.90GHz	3037	1272	NA	NA
Intel Celeron G4920 @ 3.20GHz	3192	1216	41.74	\$76.50
Intel Celeron J1750 @ 2.41GHz	1037	2150	NA	NA
Intel Celeron J1800 @ 2.41GHz	1027	2156	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1853	NA	NA
Intel Celeron J1900 @ 1.99GHz	1840	1733	NA	NA
Intel Celeron J3060 @ 1.60GHz	974	2192	NA	NA
Intel Celeron J3160 @ 1.60GHz	1791	1751	NA	NA
Intel Celeron J3355 @ 2.00GHz	1193	2062	NA	NA
Intel Celeron J3455 @ 1.50GHz	2124	1602	5.74	\$369.99
Intel Celeron J4005 @ 2.00GHz	1560	1875	11.11	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2647	1400	24.74	\$107.00*
Intel Celeron M 1.00GHz	207	2784	16.60	\$12.49
Intel Celeron M 1.30GHz	316	2643	NA	NA
Intel Celeron M 1.50GHz	343	2619	NA	NA
Intel Celeron M 1.60GHz	364	2598	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 1.70GHz	393	2564	NA	NA
Intel Celeron M 360 1.40GHz	328	2632	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2645	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2621	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2591	NA	NA
Intel Celeron M 440 @ 1.86GHz	397	2555	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 443 @ 1.20GHz	253	2736	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2495	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2517	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2480	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2414	NA	NA
Intel Celeron M 600MHz	151	2826	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2488	NA	NA
Intel Celeron M 900MHz	204	2786	NA	NA
Intel Celeron M 1200MHz	275	2714	NA	NA
Intel Celeron M 1300MHz	303	2659	NA	NA
Intel Celeron M 1500MHz	333	2629	NA	NA
Intel Celeron M ULV 800MHz	184	2806	NA	NA
Intel Celeron N2805 @ 1.46GHz	461	2484	NA	NA
Intel Celeron N2806 @ 1.60GHz	794	2294	NA	NA
Intel Celeron N2807 @ 1.58GHz	853	2265	NA	NA
Intel Celeron N2808 @ 1.58GHz	913	2238	NA	NA
Intel Celeron N2810 @ 2.00GHz	787	2297	5.62	\$139.99*
Intel Celeron N2815 @ 1.86GHz	852	2266	NA	NA
Intel Celeron N2820 @ 2.13GHz	929	2224	4.43	\$209.99
Intel Celeron N2830 @ 2.16GHz	955	2209	NA	NA
Intel Celeron N2840 @ 2.16GHz	1003	2170	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2058	NA	NA
Intel Celeron N2920 @ 1.86GHz	1499	1905	NA	NA
Intel Celeron N2930 @ 1.83GHz	1628	1844	NA	NA
Intel Celeron N2940 @ 1.83GHz	1731	1779	NA	NA
Intel Celeron N3000 @ 1.04GHz	909	2241	NA	NA
Intel Celeron N3010 @ 1.04GHz	964	2198	NA	NA
Intel Celeron N3050 @ 1.60GHz	878	2251	6.88	\$127.55
Intel Celeron N3060 @ 1.60GHz	990	2185	NA	NA
Intel Celeron N3150 @ 1.60GHz	1656	1830	NA	NA
Intel Celeron N3160 @ 1.60GHz	1664	1824	5.80	\$286.99*
Intel Celeron N3350 @ 1.10GHz	1106	2112	NA	NA
Intel Celeron N3450 @ 1.10GHz	1848	1726	13.20	\$140.08
Intel Celeron N4000 @ 1.10GHz	1445	1927	13.51	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2322	1515	21.71	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1119	2100	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2181	NA	NA
Intel Celeron P4600 @ 2.00GHz	1342	1976	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2301	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2212	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2140	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1799	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron U3400 @ 1.07GHz	721	2323	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2343	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2289	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2143	87.70	\$11.99*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2085	23.15	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1270	2021	211.77	\$6.00*
Intel Core2 Duo E4600 @ 2.40GHz	1384	1952	8.76	\$157.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E4700 @ 2.60GHz	1482	1913	54.93	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1109	2108	85.40	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2068	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1289	2007	43.06	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1360	1967	27.21	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1458	1920	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1906	100.23	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1553	1878	103.63	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1808	56.48	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1716	1789	166.61	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1948	1675	38.97	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1631	1841	33.30	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1725	1781	43.27	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1772	1758	61.13	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1874	1714	125.04	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1968	1667	16.41	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1520	1892	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1746	1770	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1885	1711	37.72	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1672	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1508	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1991	1655	99.61	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1727	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1599	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2149	1588	47.23	\$45.50*
Intel Core2 Duo E8435 @ 3.06GHz	2127	1600	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2282	1536	57.07	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2404	1487	48.09	\$49.99*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1568	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2306	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2344	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2280	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2268	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	958	2206	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2193	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2101	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1074	2135	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1325	1985	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1291	2004	64.59	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	1998	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1417	1939	35.44	\$39.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P7500 @ 1.60GHz	945	2218	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1895	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1447	1926	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2161	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1454	1921	4.90	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1883	31.24	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1847	42.76	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1773	30.57	\$56.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P9300 @ 2.26GHz	1564	1874	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1756	1765	1.76	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1738	1776	17.56	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1863	1720	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2015	1646	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2390	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1261	2025	4.99	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1674	1815	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	928	2227	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	832	2275	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	836	2274	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2285	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	932	2223	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2239	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2242	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	922	2232	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1043	2148	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2155	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2182	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1093	2122	109.49	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1114	2104	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1197	2060	75.33	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1148	2091	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	2052	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1225	2045	81.76	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1286	2010	85.82	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1257	2027	32.66	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1361	1964	72.04	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1361	1965	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1017	2163	46.29	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	2080	11.68	\$99.95
Intel Core2 Duo T7250 @ 2.00GHz	1115	2103	5.53	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1192	2063	38.49	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1246	2036	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1272	2019	29.61	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1381	1955	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1423	1937	10.17	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1594	1863	2.62	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1296	2001	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1471	1915	13.51	\$108.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T9300 @ 2.50GHz	1673	1818	28.86	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1739	1775	24.86	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1796	1749	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1804	1747	6.04	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1928	1683	21.44	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2020	1645	4.77	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2131	1596	5.34	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	873	2254	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2388	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo U7600 @ 1.20GHz	668	2351	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2337	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2259	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1133	2099	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1809	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1095	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3634	1098	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1144	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1872	1716	7.10	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1748	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1981	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1810	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1895	1703	4.62	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2063	1626	2.42	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4159	981	4.84	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	915	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	890	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	879	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2950	1299	73.80	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3283	1188	72.98	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2812	1348	122.33	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2981	1288	59.65	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3164	1230	13.19	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2524	1440	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1201	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3159	1233	63.21	\$49.99*
Intel Core2 Quad Q9400 @ 2.66GHz	3341	1177	18.57	\$179.95*
Intel Core2 Quad Q9450 @ 2.66GHz	3759	1066	105.32	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3536	1124	101.07	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3561	1115	18.74	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3964	1022	89.11	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4162	980	37.86	\$109.95
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1023	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2602	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2652	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2529	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	464	2477	NA	NA
Intel Core 330 @ 1.60GHz	643	2363	NA	NA
Intel Core 860 @ 2.80GHz	4555	900	14.74	\$309.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo L2300 @ 1.50GHz	719	2326	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2329	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2313	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2341	NA	NA
Intel Core Duo T2250 @ 1.73GHz	756	2309	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2321	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2305	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2292	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2279	NA	NA
Intel Core Duo T2500 @ 2.00GHz	867	2256	7.23	\$119.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo T2600 @ 2.16GHz	944	2220	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2160	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2412	NA	NA
Intel Core Duo U2500 @ 1.20GHz	511	2437	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1681	NA	NA
Intel Core i3-330M @ 2.13GHz	1787	1754	11.18	\$159.95
Intel Core i3-330UM @ 1.20GHz	1075	2134	NA	NA
Intel Core i3-350M @ 2.27GHz	1891	1707	17.36	\$108.95*
Intel Core i3-370M @ 2.40GHz	2014	1647	50.42	\$39.96*
Intel Core i3-380M @ 2.53GHz	2094	1614	34.94	\$59.95
Intel Core i3-380UM @ 1.33GHz	1160	2084	NA	NA
Intel Core i3-390M @ 2.67GHz	2183	1577	56.06	\$38.95*
Intel Core i3-530 @ 2.93GHz	2567	1428	13.59	\$189.00
Intel Core i3-540 @ 3.07GHz	2686	1388	18.56	\$144.78
Intel Core i3-550 @ 3.20GHz	2829	1339	15.90	\$177.95
Intel Core i3-560 @ 3.33GHz	2937	1303	16.32	\$179.95
Intel Core i3-2100 @ 3.10GHz	3691	1087	26.36	\$140.00
Intel Core i3-2100T @ 2.50GHz	2962	1297	49.39	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1074	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3706	1079	32.24	\$114.99
Intel Core i3-2120 @ 3.30GHz	3930	1028	70.19	\$55.99
Intel Core i3-2120T @ 2.60GHz	3164	1229	19.78	\$160.00
Intel Core i3-2125 @ 3.30GHz	4000	1009	20.10	\$199.00
Intel Core i3-2130 @ 3.40GHz	4067	997	35.38	\$114.99
Intel Core i3-2140 @ 3.50GHz	4325	952	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1335	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2430	1477	54.02	\$44.99
Intel Core i3-2312M @ 2.10GHz	2374	1499	NA	NA
Intel Core i3-2328M @ 2.20GHz	2540	1438	27.33	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1259	NA	NA
Intel Core i3-2330M @ 2.20GHz	2522	1443	14.82	\$170.20*
Intel Core i3-2332M @ 2.20GHz	2382	1496	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1783	NA	NA
Intel Core i3-2348M @ 2.30GHz	2617	1407	NA	NA
Intel Core i3-2350M @ 2.30GHz	2625	1404	71.33	\$36.81*
Intel Core i3-2357M @ 1.30GHz	1556	1877	NA	NA
Intel Core i3-2365M @ 1.40GHz	1676	1813	NA	NA
Intel Core i3-2367M @ 1.40GHz	1707	1797	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	1358	69.77	\$39.81*
Intel Core i3-2375M @ 1.50GHz	1774	1757	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1740	NA	NA
Intel Core i3-3110M @ 2.40GHz	3081	1257	38.54	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3219	1208	29.27	\$110.00
Intel Core i3-3130M @ 2.60GHz	3390	1162	NA	NA
Intel Core i3-3210 @ 3.20GHz	4034	1001	13.74	\$293.59
Intel Core i3-3217U @ 1.80GHz	2303	1524	10.02	\$229.99
Intel Core i3-3217UE @ 1.60GHz	2162	1584	NA	NA
Intel Core i3-3220 @ 3.30GHz	4241	965	53.06	\$79.95
Intel Core i3-3220T @ 2.80GHz	3692	1086	13.48	\$273.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3225 @ 3.30GHz	4340	947	13.36	\$324.99
Intel Core i3-3227U @ 1.90GHz	2470	1465	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1802	NA	NA
Intel Core i3-3240 @ 3.40GHz	4316	954	107.93	\$39.99
Intel Core i3-3240T @ 2.90GHz	3653	1096	NA	NA
Intel Core i3-3245 @ 3.40GHz	4437	926	24.79	\$179.01
Intel Core i3-3250 @ 3.50GHz	4447	923	46.82	\$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1100	NA	NA
Intel Core i3-4000M @ 2.40GHz	3252	1194	16.27	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2443	1472	NA	NA
Intel Core i3-4010U @ 1.70GHz	2438	1473	8.44	\$289.00
Intel Core i3-4010Y @ 1.30GHz	1900	1700	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2163	1583	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2213	1567	NA	NA
Intel Core i3-4025U @ 1.90GHz	2782	1356	NA	NA
Intel Core i3-4030U @ 1.90GHz	2715	1381	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1450	NA	NA
Intel Core i3-4100M @ 2.50GHz	3443	1148	15.76	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	1035	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1321	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1268	NA	NA
Intel Core i3-4130 @ 3.40GHz	4803	857	53.37	\$90.00
Intel Core i3-4130T @ 2.90GHz	4142	985	46.55	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4898	837	49.48	\$99.00
Intel Core i3-4150T @ 3.00GHz	4230	967	18.40	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1311	NA	NA
Intel Core i3-4160 @ 3.60GHz	5050	804	46.34	\$109.00
Intel Core i3-4160T @ 3.10GHz	4433	929	29.56	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5193	779	33.51	\$155.00
Intel Core i3-4170T @ 3.20GHz	4549	903	21.67	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5086	793	22.16	\$229.48
Intel Core i3-4330T @ 3.00GHz	4486	919	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1212	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	773	27.60	\$189.99
Intel Core i3-4350 @ 3.60GHz	4963	824	29.20	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	956	NA	NA
Intel Core i3-4360 @ 3.70GHz	5462	738	19.51	\$279.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4360T @ 3.20GHz	4636	882	NA	NA
Intel Core i3-4370 @ 3.80GHz	5610	719	13.52	\$415.00
Intel Core i3-4370T @ 3.30GHz	4870	841	35.29	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	831	NA	NA
Intel Core i3-5005U @ 2.00GHz	2904	1319	NA	NA
Intel Core i3-5010U @ 2.10GHz	3056	1265	9.05	\$337.76*
Intel Core i3-5015U @ 2.10GHz	3007	1280	NA	NA
Intel Core i3-5020U @ 2.20GHz	3194	1215	6.96	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3663	1093	NA	NA
Intel Core i3-6006U @ 2.00GHz	3088	1254	NA	NA
Intel Core i3-6098P @ 3.60GHz	5424	743	40.56	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5485	731	39.46	\$139.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-6100E @ 2.70GHz	3769	1064	NA	NA
Intel Core i3-6100H @ 2.70GHz	4249	963	NA	NA
Intel Core i3-6100T @ 3.20GHz	4852	848	25.54	\$189.99*
Intel Core i3-6100TE @ 2.70GHz	4337	948	NA	NA
Intel Core i3-6100U @ 2.30GHz	3603	1103	7.00	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3835	1046	NA	NA
Intel Core i3-6300 @ 3.80GHz	5841	691	33.86	\$172.54
Intel Core i3-6300T @ 3.30GHz	5255	770	33.91	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6047	671	28.81	\$209.89
Intel Core i3-7020U @ 2.30GHz	3495	1131	12.44	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5782	696	32.31	\$179.00
Intel Core i3-7100H @ 3.00GHz	4696	874	20.87	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5044	806	56.68	\$89.00*
Intel Core i3-7100U @ 2.40GHz	3775	1062	9.92	\$380.64
Intel Core i3-7101TE @ 3.40GHz	5196	778	44.42	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4076	995	14.51	\$281.00*
Intel Core i3-7167U @ 2.80GHz	4757	864	NA	NA
Intel Core i3-7300 @ 4.00GHz	6372	637	37.08	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	752	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6413	631	35.10	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6629	612	40.69	\$162.95
Intel Core i3-8100 @ 3.60GHz	8042	474	62.35	\$129.00
Intel Core i3-8100B @ 3.60GHz	8431	440	63.39	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7412	536	53.33	\$139.00
Intel Core i3-8109U @ 3.00GHz	6174	654	NA	NA
Intel Core i3-8121U @ 2.20GHz	4738	868	NA	NA
Intel Core i3-8130U @ 2.20GHz	5069	798	18.04	\$281.00*
Intel Core i3-8145U @ 2.10GHz	4881	839	17.37	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8657	424	48.14	\$179.83
Intel Core i3-8300T @ 3.20GHz	8032	476	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9216	371	49.82	\$184.99
Intel Core i3-21050 @ 3.10GHz	3862	1039	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1574	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1459	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3589	1107	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3810	1055	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-430M @ 2.27GHz	2097	1612	14.99	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	1977	NA	NA
Intel Core i5-450M @ 2.40GHz	2126	1601	66.56	\$31.95*
Intel Core i5-460M @ 2.53GHz	2323	1512	31.01	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	2131	NA	NA
Intel Core i5-480M @ 2.67GHz	2402	1488	29.81	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1554	NA	NA
Intel Core i5-520M @ 2.40GHz	2369	1503	39.51	\$59.99
Intel Core i5-520UM @ 1.07GHz	1356	1970	NA	NA
Intel Core i5-540M @ 2.53GHz	2453	1469	12.92	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	1958	NA	NA
Intel Core i5-560M @ 2.67GHz	2581	1421	28.70	\$89.97*
Intel Core i5-560UM @ 1.33GHz	1664	1825	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-580M @ 2.67GHz	2595	1415	23.60	\$109.95
Intel Core i5-650 @ 3.20GHz	3098	1251	13.78	\$224.95
Intel Core i5-655K @ 3.20GHz	3395	1160	56.60	\$59.99*
Intel Core i5-660 @ 3.33GHz	3254	1192	9.30	\$349.95*
Intel Core i5-661 @ 3.33GHz	3185	1218	31.85	\$99.99*
Intel Core i5-670 @ 3.47GHz	3313	1181	36.83	\$89.99*
Intel Core i5-680 @ 3.60GHz	3509	1128	38.99	\$89.99*
Intel Core i5-750 @ 2.67GHz	3692	1085	39.90	\$92.55*
Intel Core i5-760 @ 2.80GHz	3886	1033	16.90	\$229.95
Intel Core i5-2300 @ 2.80GHz	5355	756	66.95	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5538	726	29.72	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5766	699	36.04	\$160.00
Intel Core i5-2380P @ 3.10GHz	5749	701	31.94	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4226	968	42.31	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5966	675	93.22	\$64.00
Intel Core i5-2400S @ 2.50GHz	4980	820	75.81	\$65.70*
Intel Core i5-2405S @ 2.50GHz	5082	794	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3166	1228	43.98	\$72.00*
Intel Core i5-2415M @ 2.30GHz	3299	1185	NA	NA
Intel Core i5-2430M @ 2.40GHz	3282	1189	39.03	\$84.11*
Intel Core i5-2435M @ 2.40GHz	3224	1205	NA	NA
Intel Core i5-2450M @ 2.50GHz	3401	1155	38.65	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6132	660	68.14	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2322	1514	NA	NA
Intel Core i5-2500 @ 3.30GHz	6339	641	66.34	\$95.55
Intel Core i5-2500K @ 3.30GHz	6478	623	56.33	\$115.00*
Intel Core i5-2500S @ 2.70GHz	5355	755	71.42	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4639	881	NA	NA
Intel Core i5-2510E @ 2.50GHz	3483	1137	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1183	NA	NA
Intel Core i5-2520M @ 2.50GHz	3592	1105	21.18	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2094	1613	NA	NA
Intel Core i5-2540M @ 2.60GHz	3784	1059	60.12	\$62.95
Intel Core i5-2550K @ 3.40GHz	6668	608	51.30	\$129.99*
Intel Core i5-2557M @ 1.70GHz	2685	1389	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2560M @ 2.70GHz	3752	1070	NA	NA
Intel Core i5-3210M @ 2.50GHz	3826	1049	51.70	\$74.02*
Intel Core i5-3230M @ 2.60GHz	3939	1027	14.48	\$272.04*
Intel Core i5-3317U @ 1.70GHz	3090	1252	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4125	989	39.63	\$104.10
Intel Core i5-3330 @ 3.00GHz	5940	677	20.94	\$283.67
Intel Core i5-3330S @ 2.70GHz	5680	707	59.80	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	695	NA	NA
Intel Core i5-3337U @ 1.80GHz	3225	1204	14.33	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1566	NA	NA
Intel Core i5-3340 @ 3.10GHz	6088	668	20.78	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4244	964	53.09	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	690	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6148	658	40.99	\$149.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3360M @ 2.80GHz	4434	928	47.78	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4438	925	NA	NA
Intel Core i5-3427U @ 1.80GHz	3549	1120	8.45	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3638	1097	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1306	NA	NA
Intel Core i5-3450 @ 3.10GHz	6535	618	51.47	\$126.99*
Intel Core i5-3450S @ 2.80GHz	6223	647	62.24	\$99.99*
Intel Core i5-3470 @ 3.20GHz	6714	603	74.60	\$90.00
Intel Core i5-3470S @ 2.90GHz	6368	638	41.77	\$152.47
Intel Core i5-3470T @ 2.90GHz	4480	920	14.50	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6613	614	46.08	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6956	577	46.38	\$149.99*
Intel Core i5-3550S @ 3.00GHz	6903	583	20.25	\$341.01*
Intel Core i5-3570 @ 3.40GHz	7127	563	67.88	\$104.99
Intel Core i5-3570K @ 3.40GHz	7175	559	17.94	\$399.99
Intel Core i5-3570S @ 3.10GHz	6754	598	23.70	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5901	682	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3898	1032	NA	NA
Intel Core i5-4200H @ 2.80GHz	4444	924	NA	NA
Intel Core i5-4200M @ 2.50GHz	4034	1002	49.74	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3293	1187	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1485	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2257	1548	NA	NA
Intel Core i5-4210H @ 2.90GHz	4528	911	NA	NA
Intel Core i5-4210M @ 2.60GHz	4195	973	13.54	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3404	1154	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2378	1497	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1522	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1320	NA	NA
Intel Core i5-4250U @ 1.30GHz	3452	1145	9.62	\$359.00
Intel Core i5-4258U @ 2.40GHz	4082	994	NA	NA
Intel Core i5-4260U @ 1.40GHz	3571	1113	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	941	NA	NA
Intel Core i5-4288U @ 2.60GHz	4300	957	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4300M @ 2.60GHz	4428	931	NA	NA
Intel Core i5-4300U @ 1.90GHz	3742	1073	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2499	1454	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1292	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	970	NA	NA
Intel Core i5-4310M @ 2.70GHz	4634	885	NA	NA
Intel Core i5-4310U @ 2.00GHz	3759	1068	NA	NA
Intel Core i5-4330M @ 2.80GHz	4547	905	16.54	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4828	850	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1101	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	904	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1024	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1351	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6333	642	39.59	\$159.99
Intel Core i5-4430S @ 2.70GHz	5938	679	37.12	\$159.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4440 @ 3.10GHz	6509	620	13.10	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6228	646	13.45	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6716	602	27.41	\$245.03
Intel Core i5-4460S @ 2.90GHz	6412	632	9.72	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4955	828	NA	NA
Intel Core i5-4570 @ 3.20GHz	7145	560	33.09	\$215.91
Intel Core i5-4570R @ 2.70GHz	6756	597	NA	NA
Intel Core i5-4570S @ 2.90GHz	6818	589	35.70	\$191.00
Intel Core i5-4570T @ 2.90GHz	4810	851	32.08	\$149.99*
Intel Core i5-4570TE @ 2.70GHz	3827	1048	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7326	546	48.85	\$149.99
Intel Core i5-4590S @ 3.00GHz	7059	569	29.27	\$241.17
Intel Core i5-4590T @ 2.00GHz	5612	718	26.73	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7453	529	19.62	\$379.95
Intel Core i5-4670K @ 3.40GHz	7634	514	22.20	\$343.81
Intel Core i5-4670K CPT @ 3.40GHz	7411	537	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	534	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7353	541	34.52	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6168	656	23.81	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7676	511	40.62	\$189.00
Intel Core i5-4690K @ 3.50GHz	7795	498	25.23	\$309.00
Intel Core i5-4690S @ 3.20GHz	7421	533	16.51	\$449.53*
Intel Core i5-4690T @ 2.50GHz	6478	622	NA	NA
Intel Core i5-5200U @ 2.20GHz	3486	1136	NA	NA
Intel Core i5-5250U @ 1.60GHz	3582	1110	8.11	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4406	934	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	873	NA	NA
Intel Core i5-5300U @ 2.30GHz	3819	1051	7.41	\$515.73*
Intel Core i5-5350U @ 1.80GHz	3512	1127	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	526	NA	NA
Intel Core i5-5675C @ 3.10GHz	8191	458	20.48	\$399.99*
Intel Core i5-5675R @ 3.10GHz	8054	473	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4147	983	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6200U @ 2.30GHz	4020	1003	NA	NA
Intel Core i5-6260U @ 1.80GHz	4360	942	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4962	825	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	865	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6090	667	NA	NA
Intel Core i5-6300U @ 2.40GHz	4374	939	NA	NA
Intel Core i5-6360U @ 2.00GHz	4880	840	NA	NA
Intel Core i5-6400 @ 2.70GHz	6765	595	35.79	\$189.00
Intel Core i5-6400T @ 2.20GHz	5619	716	21.62	\$259.95
Intel Core i5-6402P @ 2.80GHz	7115	565	37.45	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	648	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6798	590	NA	NA
Intel Core i5-6500 @ 3.20GHz	7246	552	12.58	\$576.00
Intel Core i5-6500T @ 2.50GHz	6289	644	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6539	617	31.14	\$209.99
Intel Core i5-6600 @ 3.30GHz	7770	500	29.89	\$259.94*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6600K @ 3.50GHz	8063	471	32.65	\$246.99*
Intel Core i5-6600T @ 2.70GHz	7342	543	30.60	\$239.99*
Intel Core i5-7200U @ 2.50GHz	4609	893	NA	NA
Intel Core i5-7260U @ 2.20GHz	5674	710	13.23	\$429.00
Intel Core i5-7267U @ 3.10GHz	4976	821	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	714	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6795	591	NA	NA
Intel Core i5-7300U @ 2.60GHz	5189	781	9.35	\$554.94
Intel Core i5-7360U @ 2.30GHz	5823	693	NA	NA
Intel Core i5-7400 @ 3.00GHz	7336	544	33.85	\$216.74
Intel Core i5-7400T @ 2.40GHz	6403	633	19.52	\$327.99
Intel Core i5-7440HQ @ 2.80GHz	7659	513	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	6262	645	25.05	\$250.00*
Intel Core i5-7500 @ 3.40GHz	8020	478	35.78	\$224.15
Intel Core i5-7500T @ 2.70GHz	7014	572	30.90	\$226.99
Intel Core i5-7600 @ 3.50GHz	8730	416	35.78	\$243.99
Intel Core i5-7600K @ 3.80GHz	9120	380	29.00	\$314.45
Intel Core i5-7600T @ 2.80GHz	8077	469	34.39	\$234.89
Intel Core i5-7640X @ 4.00GHz	9545	341	29.28	\$326.03
Intel Core i5-8200Y @ 1.30GHz	4206	972	14.46	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4057	998	NA	NA
Intel Core i5-8250U @ 1.60GHz	7686	509	NA	NA
Intel Core i5-8259U @ 2.30GHz	10991	245	16.19	\$679.00
Intel Core i5-8265U @ 1.60GHz	8151	462	27.45	\$297.00*
Intel Core i5-8300H @ 2.30GHz	9478	348	37.91	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8946	401	NA	NA
Intel Core i5-8350U @ 1.70GHz	8219	453	27.68	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11642	227	50.53	\$230.43
Intel Core i5-8400H @ 2.50GHz	10138	287	40.55	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9550	340	50.53	\$189.00
Intel Core i5-8500 @ 3.00GHz	11923	221	52.07	\$229.00
Intel Core i5-8500B @ 3.00GHz	12627	201	65.77	\$192.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8500T @ 2.10GHz	9970	305	45.66	\$218.34*
Intel Core i5-8600 @ 3.10GHz	12629	200	50.52	\$249.99*
Intel Core i5-8600K @ 3.60GHz	12770	195	43.90	\$290.89
Intel Core i5-8600T @ 2.30GHz	10875	251	31.06	\$350.12*
Intel Core i5-9400 @ 2.90GHz	12057	217	65.18	\$184.99
Intel Core i5-9400F @ 2.90GHz	12188	214	76.19	\$159.99
Intel Core i5-9600K @ 3.70GHz	13498	182	50.94	\$264.99
Intel Core i5-9600KF @ 3.70GHz	13921	163	52.54	\$264.99
Intel Core i5-24050S @ 2.50GHz	4928	832	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3756	1069	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1666	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1435	NA	NA
Intel Core i7-620LM @ 2.00GHz	1949	1674	NA	NA
Intel Core i7-620M @ 2.67GHz	2722	1379	24.75	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	1986	NA	NA
Intel Core i7-640LM @ 2.13GHz	2254	1550	NA	NA
Intel Core i7-640M @ 2.80GHz	2828	1340	14.15	\$199.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-640UM @ 1.20GHz	1661	1827	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1772	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1793	NA	NA
Intel Core i7-720QM @ 1.60GHz	3010	1277	27.38	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3192	1217	29.03	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3226	1203	23.21	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3409	1153	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	5001	817	56.84	\$87.99*
Intel Core i7-860S @ 2.53GHz	4711	870	23.56	\$199.99*
Intel Core i7-870 @ 2.93GHz	5328	762	54.80	\$97.25
Intel Core i7-870S @ 2.67GHz	4849	849	NA	NA
Intel Core i7-875K @ 2.93GHz	5425	742	12.39	\$437.97
Intel Core i7-880 @ 3.07GHz	5522	729	9.47	\$583.00*
Intel Core i7-920 @ 2.67GHz	4918	835	28.27	\$174.00*
Intel Core i7-920XM @ 2.00GHz	3728	1076	1.10	\$3,375.00*
Intel Core i7-930 @ 2.80GHz	5135	786	39.51	\$129.99
Intel Core i7-940 @ 2.93GHz	5343	759	51.39	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3966	1021	NA	NA
Intel Core i7-950 @ 3.07GHz	5544	724	17.89	\$309.99
Intel Core i7-960 @ 3.20GHz	5804	694	19.93	\$291.28
Intel Core i7-965 @ 3.20GHz	5856	687	41.83	\$139.99*
Intel Core i7-970 @ 3.20GHz	8352	446	16.71	\$499.95*
Intel Core i7-975 @ 3.33GHz	6121	661	34.01	\$179.99*
Intel Core i7-980 @ 3.33GHz	8643	427	43.22	\$199.98*
Intel Core i7-980X @ 3.33GHz	8749	415	7.88	\$1,109.95
Intel Core i7-985 @ 3.47GHz	6641	611	NA	NA
Intel Core i7-990X @ 3.47GHz	9061	385	25.89	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	321	NA	NA
Intel Core i7-2600 @ 3.40GHz	8188	459	50.51	\$162.10
Intel Core i7-2600K @ 3.40GHz	8425	441	47.07	\$179.00
Intel Core i7-2600S @ 2.80GHz	7088	566	37.31	\$189.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2610UE @ 1.50GHz	2481	1462	NA	NA
Intel Core i7-2617M @ 1.50GHz	2824	1343	NA	NA
Intel Core i7-2620M @ 2.70GHz	3842	1043	22.63	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5525	728	24.03	\$229.95*
Intel Core i7-2630UM @ 1.60GHz	2584	1420	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5456	739	NA	NA
Intel Core i7-2637M @ 1.70GHz	2905	1318	NA	NA
Intel Core i7-2640M @ 2.80GHz	3917	1031	21.07	\$185.97*
Intel Core i7-2655LE @ 2.20GHz	3196	1214	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5880	686	42.31	\$139.00
Intel Core i7-2675QM @ 2.20GHz	5531	727	NA	NA
Intel Core i7-2677M @ 1.80GHz	2824	1342	NA	NA
Intel Core i7-2700K @ 3.50GHz	8687	420	23.17	\$375.00
Intel Core i7-2710QE @ 2.10GHz	5768	698	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	753	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6117	663	19.80	\$309.00
Intel Core i7-2760QM @ 2.40GHz	6572	616	41.13	\$159.81
Intel Core i7-2820QM @ 2.30GHz	6642	610	18.66	\$355.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2840QM @ 2.40GHz	6766	594	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6978	575	11.63	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7043	571	15.99	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7239	554	17.66	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3586	1108	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3350	1173	NA	NA
Intel Core i7-3520M @ 2.90GHz	4544	906	19.34	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3845	1042	NA	NA
Intel Core i7-3540M @ 3.00GHz	4663	877	10.85	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1019	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	625	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7458	528	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	604	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6825	588	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	527	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7386	540	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7580	517	31.72	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6933	581	29.12	\$238.05*
Intel Core i7-3635QM @ 2.40GHz	6675	607	NA	NA
Intel Core i7-3667U @ 2.00GHz	4001	1008	NA	NA
Intel Core i7-3687U @ 2.10GHz	4191	974	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1207	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8116	468	22.36	\$363.00
Intel Core i7-3740QM @ 2.70GHz	8321	448	34.68	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9282	365	46.84	\$198.18
Intel Core i7-3770K @ 3.50GHz	9509	342	18.65	\$509.95
Intel Core i7-3770S @ 3.10GHz	8892	405	29.16	\$304.99
Intel Core i7-3770T @ 2.50GHz	8208	457	24.87	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8991	394	47.57	\$189.00
Intel Core i7-3820QM @ 2.70GHz	8400	443	17.25	\$486.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3840QM @ 2.80GHz	8773	413	26.19	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	9169	375	8.37	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11980	219	23.73	\$504.85
Intel Core i7-3940XM @ 3.00GHz	9273	366	17.20	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12586	202	13.83	\$909.78*
Intel Core i7-3970X @ 3.50GHz	12676	199	15.65	\$809.99*
Intel Core i7-4500U @ 1.80GHz	3791	1058	NA	NA
Intel Core i7-4510U @ 2.00GHz	3922	1030	NA	NA
Intel Core i7-4550U @ 1.50GHz	3699	1082	NA	NA
Intel Core i7-4558U @ 2.80GHz	4391	937	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	949	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	860	NA	NA
Intel Core i7-4600M @ 2.90GHz	4897	838	NA	NA
Intel Core i7-4600U @ 2.10GHz	4098	992	NA	NA
Intel Core i7-4610M @ 3.00GHz	4903	836	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1072	NA	NA
Intel Core i7-4650U @ 1.70GHz	3966	1020	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	558	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7725	503	20.17	\$383.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4700MQ @ 2.40GHz	7687	508	40.67	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7415	535	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7127	562	21.15	\$337.04*
Intel Core i7-4710HQ @ 2.50GHz	7724	504	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7987	482	29.41	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7522	522	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7219	557	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7994	481	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8067	470	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8219	454	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8651	425	NA	NA
Intel Core i7-4765T @ 2.00GHz	7307	548	18.27	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9780	324	51.14	\$191.25
Intel Core i7-4770HQ @ 2.20GHz	8948	400	NA	NA
Intel Core i7-4770K @ 3.50GHz	10082	293	28.81	\$350.00
Intel Core i7-4770R @ 3.20GHz	9822	317	NA	NA
Intel Core i7-4770S @ 3.10GHz	9346	359	37.39	\$249.99*
Intel Core i7-4770T @ 2.50GHz	8587	431	21.47	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	600	NA	NA
Intel Core i7-4771 @ 3.50GHz	9867	312	16.18	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7629	516	NA	NA
Intel Core i7-4790 @ 3.60GHz	9987	302	43.54	\$229.37
Intel Core i7-4790K @ 4.00GHz	11175	234	36.17	\$309.00
Intel Core i7-4790S @ 3.20GHz	9575	337	20.72	\$462.13*
Intel Core i7-4790T @ 2.70GHz	9082	384	25.30	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8458	437	41.47	\$204.00*
Intel Core i7-4810MQ @ 2.80GHz	8651	426	20.36	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9710	332	44.14	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9051	388	20.86	\$434.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4860EQ @ 1.80GHz	7818	494	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9267	367	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9371	357	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8975	397	15.30	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9350	358	20.33	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13011	189	24.78	\$525.01
Intel Core i7-4930MX @ 3.00GHz	9500	343	8.67	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9914	308	13.96	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9807	320	15.74	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13791	169	17.91	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10254	279	NA	NA
Intel Core i7-5500U @ 2.40GHz	3975	1015	NA	NA
Intel Core i7-5550U @ 2.00GHz	3686	1089	NA	NA
Intel Core i7-5557U @ 3.10GHz	4949	829	7.02	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4313	955	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	969	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	461	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	451	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8354	445	NA	NA
Intel Core i7-5775C @ 3.30GHz	10976	246	15.99	\$686.32*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5775R @ 3.30GHz	10893	250	NA	NA
Intel Core i7-5820K @ 3.30GHz	12985	190	44.93	\$289.00
Intel Core i7-5850EQ @ 2.70GHz	9817	319	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	350	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13628	174	27.31	\$498.98*
Intel Core i7-5950HQ @ 2.90GHz	10925	248	NA	NA
Intel Core i7-5960X @ 3.00GHz	15933	116	15.78	\$1,009.99
Intel Core i7-6498DU @ 2.50GHz	4538	908	NA	NA
Intel Core i7-6500U @ 2.50GHz	4429	930	NA	NA
Intel Core i7-6560U @ 2.20GHz	4810	852	NA	NA
Intel Core i7-6567U @ 3.30GHz	5656	715	NA	NA
Intel Core i7-6600U @ 2.60GHz	4802	858	NA	NA
Intel Core i7-6650U @ 2.20GHz	4966	823	NA	NA
Intel Core i7-6700 @ 3.40GHz	10006	300	29.09	\$343.99*
Intel Core i7-6700HQ @ 2.60GHz	8132	465	21.51	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11110	238	24.87	\$446.79*
Intel Core i7-6700T @ 2.80GHz	9019	393	30.07	\$300.00*
Intel Core i7-6700TE @ 2.40GHz	8674	423	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9726	331	9.71	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13571	178	28.88	\$469.99
Intel Core i7-6820EQ @ 2.80GHz	8626	429	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9115	382	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8773	414	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	628	NA	NA
Intel Core i7-6850K @ 3.60GHz	14372	150	22.81	\$630.00
Intel Core i7-6900K @ 3.20GHz	17650	83	18.52	\$952.83*
Intel Core i7-6920HQ @ 2.90GHz	9556	339	16.83	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19942	51	13.56	\$1,471.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7500U @ 2.70GHz	5158	784	NA	NA
Intel Core i7-7560U @ 2.40GHz	5852	689	NA	NA
Intel Core i7-7567U @ 3.50GHz	6487	621	NA	NA
Intel Core i7-7600U @ 2.80GHz	5092	790	NA	NA
Intel Core i7-7660U @ 2.50GHz	6002	673	NA	NA
Intel Core i7-7700 @ 3.60GHz	10731	253	31.03	\$345.88
Intel Core i7-7700HQ @ 2.80GHz	8808	412	NA	NA
Intel Core i7-7700K @ 4.20GHz	12038	218	33.38	\$360.61
Intel Core i7-7700T @ 2.90GHz	9266	368	27.66	\$335.00
Intel Core i7-7740X @ 4.30GHz	12287	210	31.12	\$394.88
Intel Core i7-7800X @ 3.50GHz	14626	143	36.57	\$399.99
Intel Core i7-7820HK @ 2.90GHz	9991	301	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9247	369	24.46	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18481	74	29.75	\$621.22
Intel Core i7-7900X @ 3.30GHz	20406	48	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9979	304	NA	NA
Intel Core i7-8086K @ 4.00GHz	16696	93	30.20	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3667	1091	9.33	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8301	449	NA	NA
Intel Core i7-8559U @ 2.70GHz	12351	206	NA	NA
Intel Core i7-8565U @ 1.80GHz	9055	387	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8650U @ 1.90GHz	8826	411	NA	NA
Intel Core i7-8665U @ 1.90GHz	9730	329	23.79	\$409.00*
Intel Core i7-8700 @ 3.20GHz	15153	132	50.51	\$299.99
Intel Core i7-8700B @ 3.20GHz	14633	142	48.30	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15962	113	43.14	\$369.99
Intel Core i7-8700T @ 2.40GHz	12728	196	28.99	\$439.00
Intel Core i7-8705G @ 3.10GHz	9963	306	7.04	\$1,416.25
Intel Core i7-8706G @ 3.10GHz	10483	265	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	325	NA	NA
Intel Core i7-8750H @ 2.20GHz	12478	204	31.59	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11042	243	NA	NA
Intel Core i7-8850H @ 2.60GHz	13102	186	33.17	\$395.00*
Intel Core i7-9700K @ 3.60GHz	17239	87	42.05	\$409.99
Intel Core i7-9700KF @ 3.60GHz	17929	80	46.57	\$385.00*
Intel Core i7-9750H @ 2.60GHz	14118	158	NA	NA
Intel Core i7-9800X @ 3.80GHz	19884	53	31.56	\$629.99*
Intel Core i9-7900X @ 3.30GHz	21902	33	22.81	\$959.99
Intel Core i9-7920X @ 2.90GHz	23388	24	24.11	\$969.99
Intel Core i9-7940X @ 3.10GHz	25409	15	18.16	\$1,399.00
Intel Core i9-7960X @ 2.80GHz	25966	12	15.24	\$1,703.99
Intel Core i9-7980XE @ 2.60GHz	27889	6	15.05	\$1,852.99
Intel Core i9-8950HK @ 2.90GHz	14405	149	24.71	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21538	39	26.11	\$825.00
Intel Core i9-9900K @ 3.60GHz	20170	50	40.76	\$494.89
Intel Core i9-9900KF @ 3.60GHz	22043	32	44.18	\$499.00*
Intel Core i9-9900X @ 3.50GHz	23054	26	23.05	\$999.99
Intel Core i9-9920X @ 3.50GHz	25996	11	21.68	\$1,199.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-9940X @ 3.30GHz	27319	8	19.51	\$1,399.99
Intel Core i9-9960X @ 3.10GHz	28820	4	15.93	\$1,809.00
Intel Core i9-9980XE @ 3.00GHz	29447	1	14.72	\$1,999.99
Intel Core m3-6Y30 @ 0.90GHz	3051	1267	10.86	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3554	1116	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1179	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3489	1134	12.42	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3373	1167	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3244	1200	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3476	1139	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2702	1383	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1495	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2815	1345	10.02	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1338	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2477	1463	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3018	1274	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2973	1291	10.58	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2563	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2556	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2473	NA	NA
Intel Core Solo U1300 @ 1.06GHz	271	2717	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2710	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Solo U1500 @ 1.33GHz	330	2631	NA	NA
Intel E3000 @ 3.40GHz	2767	1360	NA	NA
Intel Pentium 4 1.40GHz	164	2817	NA	NA
Intel Pentium 4 1.50GHz	131	2834	NA	NA
Intel Pentium 4 1.60GHz	129	2836	NA	NA
Intel Pentium 4 1.70GHz	132	2833	NA	NA
Intel Pentium 4 1.80GHz	161	2820	NA	NA
Intel Pentium 4 1.90GHz	159	2821	NA	NA
Intel Pentium 4 2.00GHz	189	2799	NA	NA
Intel Pentium 4 2.20GHz	209	2781	NA	NA
Intel Pentium 4 2.26GHz	221	2769	NA	NA
Intel Pentium 4 2.40GHz	228	2762	NA	NA
Intel Pentium 4 2.50GHz	245	2747	NA	NA
Intel Pentium 4 2.53GHz	248	2743	NA	NA
Intel Pentium 4 2.60GHz	288	2689	NA	NA
Intel Pentium 4 2.66GHz	254	2735	NA	NA
Intel Pentium 4 2.80GHz	322	2637	NA	NA
Intel Pentium 4 2.93GHz	299	2671	NA	NA
Intel Pentium 4 3.00GHz	353	2609	NA	NA
Intel Pentium 4 3.06GHz	346	2613	NA	NA
Intel Pentium 4 3.20GHz	374	2582	NA	NA
Intel Pentium 4 3.40GHz	395	2558	NA	NA
Intel Pentium 4 3.46GHz	454	2491	NA	NA
Intel Pentium 4 3.60GHz	487	2454	NA	NA
Intel Pentium 4 3.73GHz	486	2455	NA	NA
Intel Pentium 4 3.80GHz	485	2457	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 3.83GHz	195	2794	NA	NA
Intel Pentium 4 4.00GHz	184	2804	NA	NA
Intel Pentium 4 1300MHz	119	2840	NA	NA
Intel Pentium 4 1400MHz	127	2837	NA	NA
Intel Pentium 4 1500MHz	125	2838	NA	NA
Intel Pentium 4 1600MHz	193	2798	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2824	NA	NA
Intel Pentium 4 1800MHz	162	2819	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2827	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2793	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2810	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2782	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2813	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2780	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2789	NA	NA
Intel Pentium 5 2.66GHz	705	2334	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2119	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1156	2087	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2092	NA	NA
Intel Pentium 987 @ 1.50GHz	1232	2044	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	1947	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1372	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1275	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 2020M @ 2.40GHz	2273	1541	16.97	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2406	1486	17.96	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1654	1831	12.34	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1820	1744	13.58	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2141	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2270	1545	NA	NA
Intel Pentium 3556U @ 1.70GHz	1698	1803	NA	NA
Intel Pentium 3558U @ 1.70GHz	1680	1811	NA	NA
Intel Pentium 3560M @ 2.40GHz	2270	1544	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2022	NA	NA
Intel Pentium 3805U @ 1.90GHz	1980	1660	NA	NA
Intel Pentium 3825U @ 1.90GHz	2518	1445	NA	NA
Intel Pentium 4405U @ 2.10GHz	2929	1307	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1628	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2047	1633	12.72	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3135	1240	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2226	1563	13.83	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3246	1199	20.17	\$161.00*
Intel Pentium 5405U @ 2.30GHz	3152	1236	19.58	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1856	NA	NA
Intel Pentium B940 @ 2.00GHz	1729	1780	57.75	\$29.94*
Intel Pentium B950 @ 2.10GHz	1716	1787	NA	NA
Intel Pentium B960 @ 2.20GHz	1853	1724	37.83	\$48.99*
Intel Pentium B970 @ 2.30GHz	1959	1671	38.44	\$50.99*
Intel Pentium B980 @ 2.40GHz	2029	1639	29.02	\$69.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium D1508 @ 2.20GHz	3813	1054	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	532	2421	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2365	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2394	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2330	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2317	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2288	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2255	5.50	\$157.95*
Intel Pentium E2160 @ 1.80GHz	998	2176	28.52	\$35.00
Intel Pentium E2180 @ 2.00GHz	1088	2123	54.46	\$19.99*
Intel Pentium E2200 @ 2.20GHz	1203	2057	16.05	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2073	NA	NA
Intel Pentium E2220 @ 2.40GHz	1328	1982	8.41	\$157.95*
Intel Pentium E5200 @ 2.50GHz	1487	1910	16.53	\$89.95*
Intel Pentium E5300 @ 2.60GHz	1538	1882	66.94	\$22.99
Intel Pentium E5400 @ 2.70GHz	1600	1860	80.05	\$19.99*
Intel Pentium E5500 @ 2.80GHz	1637	1838	82.09	\$19.95*
Intel Pentium E5700 @ 3.00GHz	1737	1777	115.91	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1892	1706	63.11	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1708	1796	165.85	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1764	1761	11.17	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1863	1721	18.63	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1932	1682	113.74	\$16.99*
Intel Pentium E6800 @ 3.33GHz	1988	1658	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	2240	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2202	NA	NA
Intel Pentium G620 @ 2.60GHz	2293	1527	91.77	\$24.99*
Intel Pentium G620T @ 2.20GHz	2028	1640	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2373	1500	23.73	\$100.00*
Intel Pentium G630T @ 2.30GHz	2089	1615	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2522	1444	16.82	\$150.00
Intel Pentium G640T @ 2.40GHz	1979	1661	NA	NA
Intel Pentium G645 @ 2.90GHz	2590	1418	16.19	\$160.00
Intel Pentium G645T @ 2.50GHz	2288	1529	NA	NA
Intel Pentium G840 @ 2.80GHz	2561	1430	73.21	\$34.99*
Intel Pentium G850 @ 2.90GHz	2663	1394	13.45	\$197.99
Intel Pentium G860 @ 3.00GHz	2743	1371	33.05	\$82.99
Intel Pentium G870 @ 3.10GHz	2814	1347	29.01	\$97.00
Intel Pentium G2010 @ 2.80GHz	2596	1414	74.43	\$34.89*
Intel Pentium G2020 @ 2.90GHz	2757	1368	46.00	\$59.95
Intel Pentium G2020T @ 2.50GHz	2435	1475	51.18	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2869	1330	71.75	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2487	1458	38.86	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1365	NA	NA
Intel Pentium G2120 @ 3.10GHz	3083	1255	19.32	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3205	1211	64.12	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3384	1163	67.71	\$49.99*
Intel Pentium G3220 @ 3.00GHz	3126	1241	27.43	\$114.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3220T @ 2.60GHz	2573	1426	36.76	\$69.99*
Intel Pentium G3240 @ 3.10GHz	3157	1234	22.58	\$139.84
Intel Pentium G3240T @ 2.70GHz	2840	1334	NA	NA
Intel Pentium G3250 @ 3.20GHz	3250	1197	29.55	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2971	1293	33.02	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3875	1034	20.58	\$188.28
Intel Pentium G3260 @ 3.30GHz	3358	1171	23.99	\$139.99
Intel Pentium G3260T @ 2.90GHz	2930	1305	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1492	NA	NA
Intel Pentium G3420 @ 3.20GHz	3398	1157	25.47	\$133.43
Intel Pentium G3420T @ 2.70GHz	3008	1279	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1158	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3314	1180	20.72	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1250	NA	NA
Intel Pentium G3450 @ 3.40GHz	3700	1081	37.01	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1296	NA	NA
Intel Pentium G3460 @ 3.50GHz	3582	1109	12.43	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3704	1080	35.53	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3549	1119	30.87	\$114.99
Intel Pentium G4400T @ 2.90GHz	3183	1219	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1328	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3803	1057	28.60	\$133.00
Intel Pentium G4500T @ 3.00GHz	3471	1141	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	976	40.24	\$103.99*
Intel Pentium G4560 @ 3.50GHz	4866	843	53.64	\$90.72
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G4560T @ 2.90GHz	3991	1012	36.29	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5079	795	21.17	\$239.95
Intel Pentium G4600T @ 3.00GHz	4266	960	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5210	775	45.84	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1859	1722	46.49	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1592	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2057	1630	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5190	780	69.22	\$74.99
Intel Pentium Gold G5400T @ 3.10GHz	5048	805	78.89	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5220	774	43.87	\$119.00
Intel Pentium Gold G5500T @ 3.20GHz	4342	946	57.89	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5667	711	52.11	\$108.75*
Intel Pentium III 933S @ 933MHz	238	2756	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2694	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2709	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2654	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2674	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2670	NA	NA
Intel Pentium III Mobile 750MHz	103	2843	NA	NA
Intel Pentium III Mobile 800MHz	182	2807	NA	NA
Intel Pentium III Mobile 866MHz	152	2825	NA	NA
Intel Pentium III Mobile 933MHz	218	2771	7.55	\$28.99
Intel Pentium III Mobile 1000MHz	245	2746	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 1066MHz	246	2745	NA	NA
Intel Pentium III Mobile 1133MHz	251	2739	NA	NA
Intel Pentium III Mobile 1200MHz	240	2753	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1734	NA	NA
Intel Pentium J2900 @ 2.41GHz	1963	1670	NA	NA
Intel Pentium J3710 @ 1.60GHz	1918	1690	NA	NA
Intel Pentium J4205 @ 1.50GHz	2285	1533	NA	NA
Intel Pentium M 1.10GHz	282	2700	NA	NA
Intel Pentium M 1.20GHz	298	2672	NA	NA
Intel Pentium M 1.30GHz	301	2664	NA	NA
Intel Pentium M 1.40GHz	345	2616	NA	NA
Intel Pentium M 1.50GHz	366	2593	NA	NA
Intel Pentium M 1.60GHz	364	2597	NA	NA
Intel Pentium M 1.70GHz	406	2541	NA	NA
Intel Pentium M 1.73GHz	413	2531	NA	NA
Intel Pentium M 1.80GHz	411	2533	NA	NA
Intel Pentium M 1.86GHz	439	2508	NA	NA
Intel Pentium M 2.00GHz	461	2485	NA	NA
Intel Pentium M 2.10GHz	448	2496	NA	NA
Intel Pentium M 2.13GHz	504	2443	NA	NA
Intel Pentium M 2.26GHz	509	2439	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2462	NA	NA
Intel Pentium M 900MHz	217	2774	NA	NA
Intel Pentium M 1000MHz	233	2759	NA	NA
Intel Pentium M 1100MHz	259	2731	NA	NA
Intel Pentium M 1200MHz	237	2757	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1300MHz	303	2658	NA	NA
Intel Pentium M 1400MHz	320	2639	NA	NA
Intel Pentium M 1500MHz	354	2606	NA	NA
Intel Pentium M 1600MHz	334	2627	NA	NA
Intel Pentium M 1700MHz	377	2578	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1893	NA	NA
Intel Pentium N3520 @ 2.16GHz	1789	1753	NA	NA
Intel Pentium N3530 @ 2.16GHz	1894	1704	NA	NA
Intel Pentium N3540 @ 2.16GHz	1925	1685	7.68	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1831	1738	4.12	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1865	1719	NA	NA
Intel Pentium N4200 @ 1.10GHz	2028	1641	9.09	\$223.22*
Intel Pentium P6000 @ 1.87GHz	1243	2038	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	1984	110.50	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1349	1973	30.03	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1956	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2906	1315	13.22	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2437	1474	15.14	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2542	NA	NA
Intel Pentium SU4100 @ 1.30GHz	855	2264	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2270	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2353	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2080 @ 1.73GHz	705	2335	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2331	NA	NA
Intel Pentium T2310 @ 1.46GHz	733	2319	NA	NA
Intel Pentium T2330 @ 1.60GHz	830	2276	NA	NA
Intel Pentium T2370 @ 1.73GHz	844	2269	24.14	\$35.00*
Intel Pentium T2390 @ 1.86GHz	946	2217	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2190	NA	NA
Intel Pentium T3200 @ 2.00GHz	1030	2152	85.88	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1113	2106	12.38	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1150	2089	95.91	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1232	2043	NA	NA
Intel Pentium T4400 @ 2.20GHz	1284	2013	NA	NA
Intel Pentium T4500 @ 2.30GHz	1335	1980	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2283	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2211	NA	NA
Intel T1200 @ 1.50GHz	435	2514	NA	NA
Intel T1400 @ 1.73GHz	929	2226	NA	NA
Intel T1500 @ 1.86GHz	953	2210	NA	NA
Intel T2050 @ 2.00GHz	959	2205	NA	NA
Intel Xeon 2.00GHz	233	2758	NA	NA
Intel XEON 2.20GHz	252	2737	NA	NA
Intel Xeon 2.40GHz	276	2712	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2513	NA	NA
Intel Xeon 2.80GHz	400	2553	NA	NA
Intel Xeon 3.00GHz	391	2566	NA	NA
Intel Xeon 3.06GHz	491	2449	NA	NA
Intel Xeon 3.20GHz	461	2483	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3.40GHz	478	2466	NA	NA
Intel Xeon 3.60GHz	509	2438	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2149	NA	NA
Intel Xeon 3.80GHz	604	2382	0.71	\$851.00*
Intel Xeon 1500MHz	193	2797	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	2012	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	1995	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1894	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1890	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1755	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1731	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1873	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	2132	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	2035	0.77	\$1,619.99
Intel Xeon 5130 @ 2.00GHz	1366	1960	43.44	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1861	NA	NA
Intel Xeon 5140 @ 2.33GHz	1644	1833	35.00	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1867	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1752	1768	16.85	\$103.99*
Intel Xeon 5160 @ 3.00GHz	1963	1669	52.38	\$37.49
Intel Xeon @ 2.20GHz	1902	1699	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Bronze 3104 @ 1.70GHz	5664	712	24.52	\$230.99
Intel Xeon Bronze 3106 @ 1.70GHz	6698	605	20.30	\$329.99
Intel Xeon D-1518 @ 2.20GHz	5322	763	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	700	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	574	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	456	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	328	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	502	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	261	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11102	239	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	256	19.24	\$555.00*
Intel Xeon D-1559 @ 1.50GHz	8055	472	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	147	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	161	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	463	38.22	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	192	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	167	24.41	\$566.00*
Intel Xeon D-2183IT @ 2.20GHz	18627	69	10.56	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6099	665	107.00	\$57.00
Intel Xeon E3-1220 V2 @ 3.10GHz	6697	606	91.75	\$73.00
Intel Xeon E3-1220 v3 @ 3.10GHz	7137	561	48.23	\$148.00
Intel Xeon E3-1220 v5 @ 3.00GHz	7755	501	29.10	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7859	488	36.56	\$214.99
Intel Xeon E3-1220L @ 2.20GHz	3563	1114	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	932	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1608	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5889	684	53.06	\$111.00
Intel Xeon E3-1225 V2 @ 3.20GHz	6897	584	88.43	\$78.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1225 v3 @ 3.20GHz	7245	553	49.62	\$146.00
Intel Xeon E3-1225 v5 @ 3.30GHz	7816	495	29.16	\$268.04*
Intel Xeon E3-1225 v6 @ 3.30GHz	8139	464	34.64	\$234.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7562	519	13.43	\$563.00*
Intel Xeon E3-1230 @ 3.20GHz	7848	492	75.47	\$104.00
Intel Xeon E3-1230 V2 @ 3.30GHz	8860	408	61.53	\$144.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9330	361	49.10	\$190.03
Intel Xeon E3-1230 v5 @ 3.40GHz	9786	323	34.95	\$279.99*
Intel Xeon E3-1230 v6 @ 3.50GHz	9847	316	37.88	\$259.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	555	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9622	336	56.93	\$169.03
Intel Xeon E3-1235 @ 3.20GHz	7680	510	31.48	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	624	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7962	483	60.32	\$132.00
Intel Xeon E3-1240 V2 @ 3.40GHz	9141	377	39.92	\$229.00
Intel Xeon E3-1240 v3 @ 3.40GHz	9656	335	25.12	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10374	271	30.36	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10393	270	34.84	\$298.31
Intel Xeon E3-1240L v3 @ 2.00GHz	7513	523	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	499	28.03	\$278.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1241 v3 @ 3.50GHz	10018	297	24.78	\$404.25*
Intel Xeon E3-1245 @ 3.30GHz	7997	480	39.40	\$203.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9126	379	52.15	\$175.00
Intel Xeon E3-1245 v3 @ 3.40GHz	9562	338	30.95	\$309.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10179	284	29.48	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10543	262	34.01	\$309.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9857	315	24.10	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6534	619	76.32	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	280	13.88	\$736.16
Intel Xeon E3-1265L @ 2.40GHz	6038	672	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7403	538	24.27	\$305.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9199	373	12.96	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	386	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	491	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	419	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8238	452	25.99	\$317.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9476	349	33.58	\$282.22
Intel Xeon E3-1270 v3 @ 3.50GHz	9909	310	26.78	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10301	275	19.72	\$522.50
Intel Xeon E3-1270 v6 @ 3.80GHz	11161	235	31.89	\$349.98
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	255	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10092	292	11.37	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8215	455	27.03	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9447	353	23.93	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	9910	309	24.71	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10366	272	18.75	\$553.00*
Intel Xeon E3-1275 v6 @ 3.80GHz	11142	237	29.48	\$377.96
Intel Xeon E3-1275L v3 @ 2.70GHz	8906	403	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10205	281	9.51	\$1,073.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1280 @ 3.50GHz	8465	436	23.01	\$368.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9447	351	11.00	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9775	326	14.02	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	257	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	230	20.23	\$562.00*
Intel Xeon E3-1281 v3 @ 3.70GHz	10276	277	11.71	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	267	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	264	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	220	26.57	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	303	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	11048	242	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	311	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	344	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	418	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	333	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	636	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8940	402	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9817	318	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10093	291	NA	NA

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	9340	360	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10577	260	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10456	268	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10625	259	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	252	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	288	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	547	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	531	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5569	722	21.21	\$262.59*
Intel Xeon E5-1603 v3 @ 2.80GHz	6177	653	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6432	626	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5882	685	267.51	\$21.99*
Intel Xeon E5-1607 v2 @ 3.00GHz	6211	651	19.85	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6961	576	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	551	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9040	389	27.40	\$329.93
Intel Xeon E5-1620 v2 @ 3.70GHz	9479	346	160.70	\$58.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9754	327	60.97	\$159.99
Intel Xeon E5-1620 v4 @ 3.50GHz	9923	307	31.40	\$315.99
Intel Xeon E5-1630 v3 @ 3.70GHz	10258	278	17.16	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10291	276	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11724	226	23.68	\$495.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12719	197	106.04	\$119.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13626	175	61.94	\$219.99
Intel Xeon E5-1650 v4 @ 3.60GHz	14219	154	22.50	\$631.99
Intel Xeon E5-1660 @ 3.30GHz	12361	205	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13808	168	7.63	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14573	144	9.02	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16161	110	13.14	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16222	106	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1680 v3 @ 3.20GHz	16431	100	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	89	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	76	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1126	10.37	\$339.97*
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1152	18.09	\$189.00*
Intel Xeon E5-2407 @ 2.20GHz	4148	982	12.38	\$335.04*
Intel Xeon E5-2407 v2 @ 2.40GHz	4498	916	9.44	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	777	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7045	570	338.89	\$20.79*
Intel Xeon E5-2420 v2 @ 2.20GHz	8632	428	45.24	\$190.83
Intel Xeon E5-2430 @ 2.20GHz	6878	586	171.96	\$40.00
Intel Xeon E5-2430 v2 @ 2.50GHz	8991	395	89.91	\$100.00
Intel Xeon E5-2430L @ 2.00GHz	7269	550	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	613	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	374	183.72	\$49.96*
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	364	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	398	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	283	27.61	\$369.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2450L @ 1.80GHz	8261	450	103.28	\$79.99*
Intel Xeon E5-2470 @ 2.30GHz	10061	296	31.77	\$316.72*
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	193	75.18	\$170.75
Intel Xeon E5-2603 @ 1.80GHz	3580	1111	143.52	\$24.95
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1065	127.15	\$29.62*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	783	31.78	\$163.00
Intel Xeon E5-2603 v4 @ 1.70GHz	5451	740	23.70	\$229.99
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	490	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4616	889	92.34	\$49.99
Intel Xeon E5-2609 v2 @ 2.50GHz	5149	785	39.61	\$129.99
Intel Xeon E5-2609 v3 @ 1.90GHz	5896	683	14.78	\$399.00*
Intel Xeon E5-2609 v4 @ 1.70GHz	6890	585	21.53	\$319.99
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	215	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	145	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7904	485	486.13	\$16.26
Intel Xeon E5-2620 v2 @ 2.10GHz	8685	421	250.68	\$34.65
Intel Xeon E5-2620 v3 @ 2.40GHz	10011	299	27.81	\$359.99
Intel Xeon E5-2620 v4 @ 2.10GHz	11359	231	27.05	\$419.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	396	22.20	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8444	438	15.38	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	355	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	208	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	187	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	244	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8860	409	93.27	\$94.99
Intel Xeon E5-2630 v2 @ 2.60GHz	10409	269	178.77	\$58.23
Intel Xeon E5-2630 v3 @ 2.40GHz	12805	194	41.44	\$309.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13912	164	22.26	\$625.00
Intel Xeon E5-2630L @ 2.00GHz	7865	486	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	383	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	330	12.94	\$751.92*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	191	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9447	352	36.51	\$258.77
Intel Xeon E5-2637 v3 @ 3.50GHz	10144	285	7.83	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	266	9.65	\$1,085.28
Intel Xeon E5-2640 @ 2.50GHz	9401	356	84.70	\$110.99
Intel Xeon E5-2640 v2 @ 2.00GHz	10143	286	86.76	\$116.91*
Intel Xeon E5-2640 v3 @ 2.60GHz	13897	165	11.69	\$1,188.74*
Intel Xeon E5-2640 v4 @ 2.40GHz	15364	129	15.69	\$978.99
Intel Xeon E5-2643 @ 3.30GHz	8436	439	3.79	\$2,226.00*
Intel Xeon E5-2643 v2 @ 3.50GHz	13030	188	102.61	\$126.99
Intel Xeon E5-2643 v3 @ 3.40GHz	13844	166	30.10	\$460.00
Intel Xeon E5-2643 v4 @ 3.40GHz	13655	172	8.35	\$1,634.98
Intel Xeon E5-2648L @ 1.80GHz	7426	532	NA	NA
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	229	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	173	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	140	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10104	290	95.77	\$105.51

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2650 v2 @ 2.60GHz	13241	184	165.54	\$79.99
Intel Xeon E5-2650 v3 @ 2.30GHz	14844	138	42.66	\$348.00
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	121	13.22	\$1,199.99
Intel Xeon E5-2650L @ 1.80GHz	8676	422	109.83	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9857	313	66.15	\$149.02*
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	181	9.66	\$1,399.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	159	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11336	232	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	345	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	157	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	105	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	92	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11060	241	159.17	\$69.49
Intel Xeon E5-2660 v2 @ 2.20GHz	13266	183	70.19	\$189.00
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	108	31.80	\$509.00
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	91	11.25	\$1,499.99
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	162	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11545	228	104.97	\$109.99
Intel Xeon E5-2667 @ 2.90GHz	10365	273	162.27	\$63.88
Intel Xeon E5-2667 v2 @ 3.30GHz	16186	107	21.20	\$763.56*
Intel Xeon E5-2667 v3 @ 3.20GHz	16171	109	38.97	\$415.00*
Intel Xeon E5-2667 v4 @ 3.20GHz	16641	94	7.27	\$2,287.99*
Intel Xeon E5-2670 @ 2.60GHz	12113	216	79.85	\$151.70
Intel Xeon E5-2670 v2 @ 2.50GHz	14995	136	94.31	\$159.00
Intel Xeon E5-2670 v3 @ 2.30GHz	16494	96	21.42	\$769.99
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	103	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16432	99	23.48	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	41	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15073	133	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	82	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17174	88	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	16	9.35	\$2,702.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2680 @ 2.70GHz	12574	203	73.97	\$169.99
Intel Xeon E5-2680 v2 @ 2.80GHz	15892	120	67.63	\$234.99
Intel Xeon E5-2680 v3 @ 2.50GHz	18592	71	26.21	\$709.34
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	52	10.65	\$1,866.95*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	47	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17379	84	8.76	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	67	9.62	\$1,979.99
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	135	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	64	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	55	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14347	152	34.57	\$415.00*
Intel Xeon E5-2687W v2 @ 3.40GHz	16477	97	32.31	\$509.99
Intel Xeon E5-2687W v3 @ 3.10GHz	17746	81	5.90	\$3,008.95*
Intel Xeon E5-2687W v4 @ 3.00GHz	19855	54	9.04	\$2,196.99
Intel Xeon E5-2689 @ 2.60GHz	13526	180	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	56	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2690 @ 2.90GHz	13598	177	80.94	\$168.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16441	98	40.20	\$409.00
Intel Xeon E5-2690 v3 @ 2.60GHz	19214	66	12.76	\$1,505.95*
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	43	9.83	\$2,169.99
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	112	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15948	114	38.99	\$409.00
Intel Xeon E5-2695 v3 @ 2.30GHz	19673	59	9.79	\$2,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	49	7.70	\$2,631.12
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	95	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	27	9.00	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	44	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17258	86	37.52	\$460.00
Intel Xeon E5-2697 v3 @ 2.60GHz	21368	42	35.03	\$609.99
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	40	7.75	\$2,775.99
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	28	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21133	45	6.17	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	36	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	29	4.97	\$4,505.95*
Intel Xeon E5-2699 v4 @ 2.20GHz	23200	25	5.23	\$4,433.43*
Intel Xeon E5-4603 @ 2.00GHz	5014	815	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	370	NA	NA
Intel Xeon E5-4617 @ 2.90GHz	9029	391	100.44	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	466	58.06	\$139.99
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	146	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	125	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10523	263	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	198	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	240	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11860	222	124.21	\$95.49*
Intel Xeon E5-4650L @ 2.60GHz	11821	223	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	209	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	119	5.30	\$3,000.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	122	3.30	\$4,800.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	176	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1245	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2157	1585	93.86	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1478	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1556	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1944	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1479	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1546	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1530	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1448	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2920	1309	73.02	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2836	1337	48.08	\$59.00*
Intel Xeon E5410 @ 2.33GHz	3251	1196	55.11	\$59.00*
Intel Xeon E5420 @ 2.50GHz	3492	1132	13.44	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3769	1063	54.64	\$69.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5440 @ 2.83GHz	3971	1017	209.59	\$18.95*
Intel Xeon E5450 @ 3.00GHz	4190	975	77.60	\$54.00*
Intel Xeon E5462 @ 2.80GHz	3870	1036	141.78	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4090	993	136.16	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	1957	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1946	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2687	1387	38.42	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2975	1290	196.17	\$15.17*
Intel Xeon E5507 @ 2.27GHz	3125	1242	6.84	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4435	927	94.39	\$46.99
Intel Xeon E5530 @ 2.40GHz	4564	899	217.44	\$20.99*
Intel Xeon E5540 @ 2.53GHz	4807	853	81.49	\$59.00*
Intel Xeon E5603 @ 1.60GHz	2366	1504	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1266	13.95	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3380	1165	15.44	\$219.00*
Intel Xeon E5620 @ 2.40GHz	4804	855	82.86	\$57.99
Intel Xeon E5630 @ 2.53GHz	5088	792	28.27	\$179.95
Intel Xeon E5640 @ 2.67GHz	5256	769	88.36	\$59.49*
Intel Xeon E5645 @ 2.40GHz	6424	629	59.50	\$107.98*
Intel Xeon E5649 @ 2.53GHz	6936	580	60.31	\$115.00*
Intel Xeon E7320 @ 2.13GHz	2413	1481	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	493	40.54	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9478	347	43.09	\$219.99
Intel Xeon E-2124G @ 3.40GHz	9857	314	39.43	\$249.99
Intel Xeon E-2126G @ 3.30GHz	14051	160	46.84	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10310	274	38.19	\$269.99*
Intel Xeon E-2136 @ 3.30GHz	15827	123	49.46	\$319.99*
Intel Xeon E-2144G @ 3.60GHz	11214	233	34.87	\$321.58
Intel Xeon E-2146G @ 3.50GHz	15935	115	44.89	\$354.99
Intel Xeon E-2174G @ 3.80GHz	12254	212	32.99	\$371.45
Intel Xeon E-2176G @ 3.70GHz	15489	126	42.79	\$362.00*
Intel Xeon E-2176M @ 2.70GHz	13741	171	30.54	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	15899	117	30.29	\$524.99
Intel Xeon E-2186M @ 2.90GHz	14651	141	23.52	\$623.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 5118 @ 2.30GHz	16389	101	11.95	\$1,370.98*
Intel Xeon Gold 5120 @ 2.20GHz	16308	104	10.45	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	77	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	11154	236	8.78	\$1,269.99
Intel Xeon Gold 6126 @ 2.60GHz	19711	58	10.25	\$1,923.70
Intel Xeon Gold 6128 @ 3.40GHz	14883	137	8.10	\$1,837.99*
Intel Xeon Gold 6130 @ 2.10GHz	19277	63	9.89	\$1,949.99
Intel Xeon Gold 6132 @ 2.60GHz	23907	21	10.65	\$2,244.49*
Intel Xeon Gold 6134 @ 3.20GHz	18083	78	7.94	\$2,279.00
Intel Xeon Gold 6136 @ 3.00GHz	21079	46	8.07	\$2,612.99*
Intel Xeon Gold 6138 @ 2.00GHz	25416	14	9.48	\$2,679.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	20	9.82	\$2,439.99
Intel Xeon Gold 6144 @ 3.50GHz	19654	60	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	17	6.65	\$3,782.88

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 6148 @ 2.40GHz	26660	9	9.08	\$2,935.00*
Intel Xeon Gold 6152 @ 2.10GHz	23498	22	6.18	\$3,799.99
Intel Xeon Gold 6154 @ 3.00GHz	27722	7	7.22	\$3,839.78*
Intel Xeon L3110 @ 3.00GHz	2273	1542	NA	NA
Intel Xeon L3360 @ 2.83GHz	3864	1038	43.31	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1978	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	1044	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1742	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1543	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1538	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1591	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1369	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3037	1273	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1168	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3505	1130	127.49	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3723	1077	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1078	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	938	339.56	\$12.92*
Intel Xeon L5530 @ 2.40GHz	4351	943	225.95	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4369	940	67.22	\$65.00*
Intel Xeon L5638 @ 2.00GHz	5556	723	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	587	NA	NA
Intel Xeon L5640 @ 2.27GHz	6344	640	211.71	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1045	NA	NA
Intel Xeon MV 3.20GHz	683	2345	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26652	10	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	2	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	3	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	5	NA	NA
Intel Xeon Silver 4108 @ 1.80GHz	10664	258	23.70	\$449.99
Intel Xeon Silver 4109T @ 2.00GHz	10946	247	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11740	225	23.14	\$507.36
Intel Xeon Silver 4112 @ 2.60GHz	8611	430	17.05	\$504.99
Intel Xeon Silver 4114 @ 2.20GHz	14301	153	18.61	\$768.67
Intel Xeon Silver 4116 @ 2.10GHz	15417	127	15.59	\$989.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Silver 4123 @ 3.00GHz	15185	131	NA	NA
Intel Xeon W3503 @ 2.40GHz	1755	1767	108.25	\$16.22*
Intel Xeon W3505 @ 2.53GHz	1844	1729	NA	NA
Intel Xeon W3520 @ 2.67GHz	5057	802	175.91	\$28.75*
Intel Xeon W3530 @ 2.80GHz	5359	754	18.23	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5472	733	274.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5694	706	94.99	\$59.95*
Intel Xeon W3565 @ 3.20GHz	5939	678	84.91	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6062	670	12.63	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6366	639	29.68	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8121	467	16.24	\$499.99*
Intel Xeon W3680 @ 3.33GHz	9026	392	11.88	\$759.95*
Intel Xeon W3690 @ 3.47GHz	9135	378	46.85	\$195.01

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W5580 @ 3.20GHz	5836	692	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6183	652	49.47	\$125.00*
Intel Xeon W-2102 @ 2.90GHz	6953	578	29.49	\$235.83
Intel Xeon W-2104 @ 3.20GHz	7439	530	29.17	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10718	254	31.64	\$338.79
Intel Xeon W-2125 @ 4.00GHz	12351	207	24.55	\$503.10*
Intel Xeon W-2133 @ 3.60GHz	14167	156	22.96	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16345	102	15.97	\$1,023.73
Intel Xeon W-2140B @ 3.20GHz	18610	70	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19725	57	16.53	\$1,193.20*
Intel Xeon W-2150B @ 3.00GHz	21543	38	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21773	37	14.23	\$1,530.39*
Intel Xeon W-2175 @ 2.50GHz	24751	19	12.71	\$1,947.00*
Intel Xeon W-2195 @ 2.30GHz	24983	18	8.94	\$2,794.91*
Intel Xeon X3210 @ 2.13GHz	2739	1373	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1253	14.71	\$209.95*
Intel Xeon X3230 @ 2.66GHz	3398	1156	9.44	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3309	1184	14.42	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3167	1226	163.59	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3379	1166	16.09	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1050	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1041	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3942	1026	24.96	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3988	1013	117.00	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	958	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	876	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3354	1172	159.37	\$21.05*
Intel Xeon X3440 @ 2.53GHz	4536	909	20.16	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4766	863	59.61	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5014	814	14.05	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5114	788	40.78	\$125.43*
Intel Xeon X3480 @ 3.07GHz	5657	713	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1467	17.63	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2553	1433	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1491	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3181	1220	77.61	\$41.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5365 @ 3.00GHz	3491	1133	35.09	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4117	991	68.67	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4328	950	43.38	\$99.78*
Intel Xeon X5470 @ 3.33GHz	4585	898	24.26	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4014	1004	17.84	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4529	910	45.30	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	844	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5387	750	311.96	\$17.27*
Intel Xeon X5560 @ 2.80GHz	5399	748	114.90	\$46.99
Intel Xeon X5570 @ 2.93GHz	5679	708	63.81	\$89.00*
Intel Xeon X5647 @ 2.93GHz	5920	681	29.64	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7388	539	341.56	\$21.63

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5660 @ 2.80GHz	7577	518	70.42	\$107.61
Intel Xeon X5667 @ 3.07GHz	6291	643	79.63	\$79.00*
Intel Xeon X5670 @ 2.93GHz	7857	489	196.45	\$40.00
Intel Xeon X5672 @ 3.20GHz	6419	630	240.62	\$26.68
Intel Xeon X5675 @ 3.07GHz	8176	460	68.53	\$119.31
Intel Xeon X5677 @ 3.47GHz	6951	579	66.20	\$105.00*
Intel Xeon X5679 @ 3.20GHz	8845	410	NA	NA
Intel Xeon X5680 @ 3.33GHz	8407	442	112.10	\$75.00
Intel Xeon X5687 @ 3.60GHz	7076	567	64.92	\$109.00*
Intel Xeon X5690 @ 3.47GHz	8883	407	49.99	\$177.70
Intel Xeon X5698 @ 4.40GHz	4272	959	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1289	NA	NA
Mobile AMD Athlon 4	314	2648	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2603	NA	NA
Mobile AMD Athlon 64 2700+	398	2554	NA	NA
Mobile AMD Athlon 64 2800+	440	2505	NA	NA
Mobile AMD Athlon 64 3000+	450	2493	NA	NA
Mobile AMD Athlon 64 3200+	448	2497	NA	NA
Mobile AMD Athlon 64 3400+	511	2436	NA	NA
Mobile AMD Athlon 64 3700+	435	2515	NA	NA
Mobile AMD Athlon 64 4000+	576	2397	NA	NA
Mobile AMD Athlon 1400+	266	2723	NA	NA
Mobile AMD Athlon 2500+	370	2587	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2724	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2576	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2678	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2447	NA	NA
Mobile AMD Athlon XP	572	2401	45.81	\$12.49*
Mobile AMD Athlon XP-M	512	2435	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2805	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2727	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2729	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2635	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2673	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2620	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2666	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2596	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M 2400+	346	2615	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2612	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2586	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2595	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2594	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2506	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2453	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2440	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2685	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2676	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2626	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	2584	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2469	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2442	NA	NA
Mobile AMD Sempron 2100+	252	2738	NA	NA
Mobile AMD Sempron 2600+	394	2561	NA	NA
Mobile AMD Sempron 2800+	361	2600	NA	NA
Mobile AMD Sempron 3000+	389	2570	NA	NA
Mobile AMD Sempron 3100+	416	2528	NA	NA
Mobile AMD Sempron 3200+	354	2607	NA	NA
Mobile AMD Sempron 3300+	445	2499	NA	NA
Mobile AMD Sempron 3400+	441	2504	NA	NA
Mobile AMD Sempron 3500+	408	2538	NA	NA
Mobile AMD Sempron 3600+	427	2523	NA	NA
Mobile AMD Sempron 3800+	485	2458	NA	NA
Mobile Intel Celeron 1.20GHz	170	2816	NA	NA
Mobile Intel Celeron 1.50GHz	188	2800	NA	NA
Mobile Intel Celeron 1.60GHz	188	2801	NA	NA
Mobile Intel Celeron 1.70GHz	181	2809	NA	NA
Mobile Intel Celeron 1.80GHz	186	2803	NA	NA
Mobile Intel Celeron 2.00GHz	204	2785	NA	NA
Mobile Intel Celeron 2.20GHz	226	2765	NA	NA
Mobile Intel Celeron 2.40GHz	239	2754	NA	NA
Mobile Intel Celeron 2.50GHz	281	2703	NA	NA
Mobile Intel Celeron 1200MHz	294	2679	NA	NA
Mobile Intel Celeron 1333MHz	280	2706	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2711	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2726	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2708	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2646	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2623	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2604	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2507	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2467	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2795	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2815	0.83	\$209.99
Mobile Intel Pentium 4 - M 1.80GHz	175	2812	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2760	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2790	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 - M 2.20GHz	198	2792	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2776	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2733	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2650	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2779	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2791	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2742	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2683	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2766	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2684	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Pentium Dual-Core E6000 @ 3.46GHz	2501	1453	NA	NA
Quad-Core AMD Opteron 1385	3442	1149	63.75	\$54.00
Quad-Core AMD Opteron 1389	3446	1146	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1308	NA	NA
VIA C3 Ezra	100	2844	NA	NA
VIA C7 1500MHz	284	2695	NA	NA
VIA C7-D 1500MHz	287	2691	NA	NA
VIA C7-D 1800MHz	203	2787	NA	NA
VIA C7-D 2000MHz	368	2590	NA	NA
VIA C7-M 1000MHz	164	2818	NA	NA
VIA C7-M 1200MHz	140	2831	NA	NA
VIA C7-M 1600MHz	178	2811	NA	NA
VIA C7-M 6300MHz	222	2768	NA	NA
VIA Eden 800MHz	155	2822	NA	NA
VIA Eden 1000MHz	123	2839	NA	NA
VIA Eden 1200MHz	142	2830	NA	NA
VIA Eden C1050@1.06GHz	352	2610	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2465	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	2093	NA	NA
VIA Esther 1000MHz	146	2829	NA	NA
VIA Esther 1300MHz	250	2740	NA	NA
VIA Esther 1500MHz	219	2770	NA	NA
VIA Esther 2000MHz	394	2560	NA	NA
VIA Nano L1900@1400MHz	457	2487	NA	NA
VIA Nano L2007@1600MHz	369	2588	NA	NA
VIA Nano L2100@1800MHz	428	2521	NA	NA
VIA Nano L2207@1600MHz	296	2675	NA	NA
VIA Nano L3025@1600MHz	517	2432	NA	NA
VIA Nano L3050@1800MHz	581	2395	NA	NA
VIA Nano L3600@2000MHz	645	2361	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2577	NA	NA
VIA Nano U2250@1300+MHz	274	2715	NA	NA
VIA Nano U2500@1200MHz	306	2657	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2444	NA	NA
VIA Nano U3300@1200MHz	409	2536	NA	NA
VIA Nano U3500@1000MHz	275	2713	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2380	NA	NA
VIA Nehemiah	155	2823	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1701	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA QuadCore L4700 @ 1.2+ GHz	1363	1962	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2074	NA	NA
VIA Samuel 2	79	2846	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	292	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	124	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	395	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	401	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	447	NA	NA
[Dual CPU] AMD EPYC 7281	12720	178	9.22	\$1,379.74
[Dual CPU] AMD EPYC 7371	23933	64	NA	NA
[Dual CPU] AMD EPYC 7401	23518	66	6.15	\$3,821.66
[Dual CPU] AMD EPYC 7451	28957	33	5.77	\$5,022.16
[Dual CPU] AMD EPYC 7501	29003	32	4.14	\$6,997.44
[Dual CPU] AMD EPYC 7551	30966	22	4.55	\$6,800.00
[Dual CPU] AMD EPYC 7601	33545	15	3.89	\$8,625.02
[Dual CPU] AMD Opteron 246	1130	436	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	437	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	433	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	434	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	442	NA	NA
[Dual CPU] AMD Opteron 256	1853	430	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	428	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	424	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	427	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	419	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	409	NA	NA
[Dual CPU] AMD Opteron 290	2716	411	10.06	\$270.00*
[Dual CPU] AMD Opteron 885	2851	405	NA	NA
[Dual CPU] AMD Opteron 2212	2203	425	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	420	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	417	NA	NA
[Dual CPU] AMD Opteron 2216	2485	416	50.10	\$49.60
[Dual CPU] AMD Opteron 2216 HE	2593	413	NA	NA
[Dual CPU] AMD Opteron 2218	2719	410	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	414	NA	NA
[Dual CPU] AMD Opteron 2220	2854	404	0.97	\$2,950.32*
[Dual CPU] AMD Opteron 2220 SE	2882	403	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	399	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	393	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	383	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	390	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	384	7.55	\$539.98*
[Dual CPU] AMD Opteron 2354	4554	372	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	375	12.22	\$363.30*
[Dual CPU] AMD Opteron 2360 SE	5315	354	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	381	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	368	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	355	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	353	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	341	63.93	\$90.00
[Dual CPU] AMD Opteron 2384	5914	337	3.52	\$1,680.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2387	6239	327	NA	NA
[Dual CPU] AMD Opteron 2389	5677	342	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	357	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	329	NA	NA
[Dual CPU] AMD Opteron 2427	5907	338	29.83	\$198.00
[Dual CPU] AMD Opteron 2431	6438	321	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7068	307	18.70	\$378.00
[Dual CPU] AMD Opteron 2439 SE	8071	277	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	385	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	344	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	324	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	322	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7813	286	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	276	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	280	NA	NA
[Dual CPU] AMD Opteron 4234	9361	246	20.35	\$459.98*
[Dual CPU] AMD Opteron 4276 HE	9681	239	NA	NA
[Dual CPU] AMD Opteron 4280	4525	373	45.25	\$100.00
[Dual CPU] AMD Opteron 4284	9151	247	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9456	245	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	218	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	226	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	204	40.57	\$279.98*
[Dual CPU] AMD Opteron 6128	6881	312	172.11	\$39.98
[Dual CPU] AMD Opteron 6128 HE	5582	347	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	261	NA	NA
[Dual CPU] AMD Opteron 6134	7586	294	86.22	\$87.98
[Dual CPU] AMD Opteron 6136	7255	301	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	360	NA	NA
[Dual CPU] AMD Opteron 6168	7741	289	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7621	293	19.24	\$396.00
[Dual CPU] AMD Opteron 6174	8056	279	40.69	\$198.00
[Dual CPU] AMD Opteron 6176 SE	8448	266	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	396	NA	NA
[Dual CPU] AMD Opteron 6204	7134	304	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8960	252	149.38	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	213	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	229	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	220	86.26	\$119.98*
[Dual CPU] AMD Opteron 6272	10008	234	7.59	\$1,317.78
[Dual CPU] AMD Opteron 6274	10536	216	114.55	\$91.98
[Dual CPU] AMD Opteron 6275	10900	212	NA	NA
[Dual CPU] AMD Opteron 6276	10194	228	30.16	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	192	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	267	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10716	214	20.69	\$518.02
[Dual CPU] AMD Opteron 6328	11842	195	16.49	\$718.00
[Dual CPU] AMD Opteron 6344	11203	207	14.40	\$778.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6348	11412	201	28.53	\$399.98*
[Dual CPU] AMD Opteron 6376	10405	219	80.04	\$130.00
[Dual CPU] AMD Opteron 6378	2905	402	3.64	\$798.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6380	14200	161	73.20	\$193.98
[Dual CPU] AMD Opteron 6386 SE	12195	188	40.65	\$299.98*
[Dual CPU] AMD Opteron 8218	2831	406	61.54	\$46.00
[Dual CPU] AMD Opteron 8220	2510	415	50.22	\$49.98
[Dual CPU] AMD Opteron 8222 SE	2793	408	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	394	67.15	\$48.00
[Dual CPU] AMD Opteron 8380	5643	345	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	356	NA	NA
[Dual CPU] AMD Opteron 8389	6517	318	41.25	\$158.00
[Dual CPU] AMD Opteron 8431	5813	339	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	315	46.80	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	291	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	435	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	422	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	389	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	282	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	456	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	454	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	450	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	452	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	457	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	458	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	455	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	453	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	448	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	683	444	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	443	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	446	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	441	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	440	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	439	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	429	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	438	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2152	426	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	421	0.71	\$3,239.98
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	412	41.62	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	397	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2978	400	31.69	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	398	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3426	391	16.47	\$207.98*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3829	387	51.07	\$74.98
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8809	257	19.07	\$461.98
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11024	210	16.70	\$659.98
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	330	9.12	\$679.94*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	326	16.68	\$378.00*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	300	10.90	\$670.08*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	250	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11387	203	273.86	\$41.58*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11762	197	30.82	\$381.66
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	270	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	167	170.46	\$80.00
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	164	68.82	\$200.00
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	202	54.76	\$207.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	183	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	177	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15063	151	20.41	\$738.00*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	134	20.24	\$818.00
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	198	73.23	\$159.98*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	133	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	118	54.38	\$341.50
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	325	127.05	\$49.90
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	317	110.06	\$59.24*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8347	268	25.60	\$326.00
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8910	256	19.37	\$459.98
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8195	274	81.97	\$99.98
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8969	251	34.50	\$259.98
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	233	12.57	\$798.00*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	211	17.18	\$639.98
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12327	184	379.06	\$32.52
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13382	174	193.10	\$69.30
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15206	149	21.12	\$719.98
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16458	135	19.59	\$839.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14313	160	17.67	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	181	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	155	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13595	172	71.56	\$189.98
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16002	141	137.40	\$116.46
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18489	119	29.92	\$618.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18725	116	14.98	\$1,250.00
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	208	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	165	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	150	10.10	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	298	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15900	144	30.72	\$517.54
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16408	137	6.33	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16656	132	7.67	\$2,170.56
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14657	154	66.03	\$221.98
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14464	157	61.86	\$233.82*
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19864	107	8.36	\$2,377.48*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20786	99	10.62	\$1,957.98
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13671	166	3.07	\$4,452.00*
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20992	94	82.65	\$253.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21016	93	22.84	\$920.00
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	86	6.59	\$3,269.96
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	187	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	14156	162	4.79	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	122	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	14948	152	70.84	\$211.02
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19036	114	118.99	\$159.98
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20302	102	29.17	\$696.00
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20576	101	8.57	\$2,399.98
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	158	91.04	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14506	156	48.67	\$298.04*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	95	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13634	168	4.66	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	115	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	111	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16327	138	117.48	\$138.98
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17809	123	47.11	\$378.00
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22577	78	22.18	\$1,018.00
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23072	75	7.69	\$2,999.98
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	74	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17131	128	77.88	\$219.98
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	55	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16940	129	132.59	\$127.76
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22499	79	14.73	\$1,527.12*
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22786	77	27.45	\$830.00*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23624	65	5.16	\$4,575.98*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18172	121	59.89	\$303.40
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20814	98	65.45	\$318.00
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	82	14.53	\$1,539.98
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	69	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	73	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	27	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	105	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	87	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	26	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18186	120	53.49	\$339.98
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21436	88	45.61	\$469.98
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24485	60	17.26	\$1,418.68
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	70	6.26	\$3,733.90*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	130	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21159	91	5.33	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	54	6.31	\$3,959.98
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	83	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	45	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	35	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20889	96	25.17	\$830.00*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23305	72	22.85	\$1,019.98
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24146	62	4.01	\$6,017.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	46	6.07	\$4,393.98
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	106	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	50	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19506	109	58.05	\$336.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23507	67	28.74	\$818.00
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25645	52	8.51	\$3,011.90*
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27291	44	6.29	\$4,339.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20858	97	25.50	\$818.00
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	56	6.18	\$4,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	59	4.68	\$5,262.24
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23483	68	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	25	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31807	20	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23339	71	25.37	\$920.00
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27533	40	22.57	\$1,219.98
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30631	24	5.52	\$5,551.98
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	37	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29637	29	4.33	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	18	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	63	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26333	47	2.92	\$9,011.90*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	13	3.84	\$8,866.86*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	100	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	110	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	145	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	113	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	108	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18712	117	97.98	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	153	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	215	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	80	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	42	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	189	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	147	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	81	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7-2870 @ 2.40GHz	12016	191	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7-4870 @ 2.40GHz	16047	139	42.45	\$378.00*
[Dual CPU] Intel Xeon E7-8837 @ 2.67GHz	10044	232	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	423	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	386	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3566	388	36.39	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4167	380	53.77	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	363	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4563	371	128.39	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5122	359	64.04	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5157	358	43.70	\$118.00*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6010	334	50.93	\$118.00*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6350	323	12.21	\$519.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6849	314	49.63	\$138.00*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7156	303	188.81	\$37.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7513	295	69.56	\$108.00*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7107	305	130.16	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7823	285	130.21	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	418	12.93	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	407	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4890	367	34.95	\$139.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5006	362	165.00	\$30.34*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	350	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7425	297	79.01	\$93.98
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	290	183.52	\$41.98*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	283	66.51	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	382	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5532	348	12.63	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5969	336	13.63	\$438.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8061	278	69.50	\$115.98
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8290	271	23.03	\$359.90
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8694	259	73.07	\$118.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10314	223	47.76	\$215.96*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10327	222	44.90	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	349	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	352	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	85	8.41	\$2,618.10*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	61	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	90	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22049	84	8.04	\$2,741.96*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	26277	48	8.42	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17499	125	6.89	\$2,539.98
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	43	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27819	39	7.23	\$3,847.40
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22869	76	6.22	\$3,675.98*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	24660	58	6.32	\$3,899.98
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	41	6.13	\$4,488.98*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25308	53	5.55	\$4,558.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29652	28	5.67	\$5,225.98*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	38	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	33989	14	6.34	\$5,359.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	33297	17	6.82	\$4,879.98
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	34	4.70	\$6,139.98
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28594	36	4.89	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29158	31	3.85	\$7,565.76
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36813	6	6.27	\$5,870.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	21	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33530	16	4.41	\$7,599.98
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36932	5	4.81	\$7,679.56*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	374	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	378	30.62	\$139.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	365	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	346	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	331	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	320	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	333	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	364	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	311	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	310	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	281	206.10	\$38.52*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	309	53.89	\$130.00*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	253	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	241	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9666	240	161.26	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	449	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	451	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	445	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	431	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	7	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	35823	9	2.32	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	30	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	3	3.33	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	10	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	8	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	4	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	142	17.75	\$899.98
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16434	136	16.20	\$1,014.72
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	171	13.48	\$1,009.98
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19237	112	12.51	\$1,537.34
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21018	92	10.63	\$1,978.00
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	104	19.96	\$1,002.00*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10079	230	47.08	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	221	41.39	\$250.00*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	225	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	369	17.08	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	370	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	366	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5764	340	70.29	\$82.00*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6210	328	31.21	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7447	296	62.10	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7834	284	39.26	\$199.56*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	275	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7776	287	17.28	\$450.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8199	273	41.00	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8682	260	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8934	255	258.66	\$34.54*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	248	96.66	\$93.98
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9533	244	53.56	\$178.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	236	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11304	206	261.30	\$43.26
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11629	199	54.03	\$215.22
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10302	224	65.20	\$158.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12276	186	153.45	\$80.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	231	188.81	\$53.36
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12522	180	52.48	\$238.62
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11305	205	53.83	\$210.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	170	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13551	173	90.34	\$150.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11940	194	54.77	\$218.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13772	163	38.75	\$355.40
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	265	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	316	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	258	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	235	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11794	196	268.05	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	379	59.59	\$70.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	361	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	377	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	376	199.09	\$21.98*
[Dual CPU] Quad-Core AMD Opteron 8378	5382	351	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	313	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	343	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	335	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	269	NA	NA
[Quad CPU] AMD Opteron 6136	9767	237	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	263	21.70	\$396.00
[Quad CPU] AMD Opteron 6272	12292	185	4.66	\$2,635.56
[Quad CPU] AMD Opteron 6274	10488	217	57.01	\$183.96
[Quad CPU] AMD Opteron 6276	15342	148	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	190	9.75	\$1,236.00
[Quad CPU] AMD Opteron 6282 SE	11044	209	21.24	\$519.96*
[Quad CPU] AMD Opteron 6376	13257	175	50.99	\$260.00
[Quad CPU] AMD Opteron 6380	12442	182	32.07	\$387.96
[Quad CPU] AMD Opteron 8360 SE	6490	319	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	332	NA	NA
[Quad CPU] AMD Opteron 8382	8553	264	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	299	NA	NA
[Quad CPU] AMD Opteron 8431	8252	272	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	306	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	254	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	432	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon 3.40GHz	3395	392	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	131	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	143	28.44	\$559.96
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	169	20.04	\$680.00*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	57	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	89	55.95	\$381.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	49	1.81	\$14,464.00*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	23	1.63	\$18,908.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	103	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	140	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	12	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	19	NA	NA
[Quad CPU] Intel Xeon E7-4850 @ 2.00GHz	17269	127	107.96	\$159.96*
[Quad CPU] Intel Xeon E7-4860 @ 2.27GHz	17287	126	131.00	\$131.96*
[Quad CPU] Intel Xeon E7-4870 @ 2.40GHz	14316	159	18.94	\$756.00*
[Quad CPU] Intel Xeon E7-8837 @ 2.67GHz	12698	179	15.87	\$799.96*
[Quad CPU] Intel Xeon E7-8870 @ 2.40GHz	15867	146	0.79	\$20,034.04*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	308	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	288	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	227	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	242	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	249	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	51	5.15	\$5,079.96
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	11	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	2	2.68	\$15,199.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	238	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	1	1.10	\$40,060.00*
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	243	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	11953	193	4.22	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	262	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	200	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	13145	176	149.38	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	302	163.10	\$43.96*

* - Last price seen from our affiliates.

[Home] - [Common CPUs] - [Overclocked CPUs] - [Searchable CPU List] - [Graph Notes]
[High-End CPUs] - [High Mid-Range CPUs] - [Low Mid-Range CPUs] - [Low-End CPUs]
[CPU Popularity 90 days] - [Multi CPU Systems] - [Laptop CPUs] - [Desktop CPUs]
[CPU Mega Page - Detailed CPU List] - [Single Thread CPU Performance]
[CPU Mark by Socket Type] - [Manufacturer Market Share]

