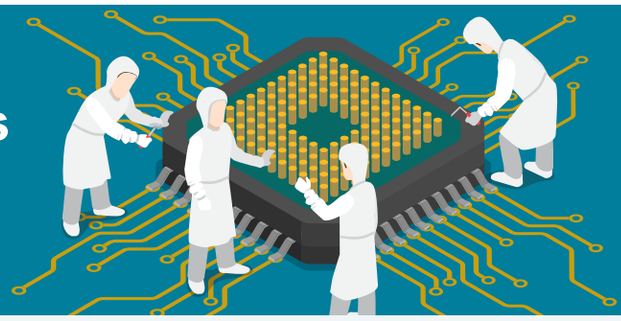
CPU Benchmarks

Over 1,000,000 CPUs Benchmarked



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.

Ad closed by Google

CPUS
High End
High Mid Range
Low Mid Range
Low End
Best Value (On Market)
Best Value XY Scatter
Best Value (All time)
New Desktop
New Laptop
Single Thread
Systems with Multiple CPUs
Overclocked
Power Performance
CPU Mark by Socket Type
CPU Mega List
Search Model
Compare 0

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	2797	NA	NA
AMD A4 Micro-6400T APU	1544	1987	NA	NA
AMD A4 PRO-3340B	2402	1592	NA	NA
AMD A4 PRO-7300B APU	2353	1614	NA	NA
AMD A4 PRO-7350B	2227	1667	NA	NA
AMD A4-1200 APU	632	2477	NA	NA
AMD A4-1250 APU	619	2484	NA	NA
AMD A4-3300 APU	1503	2012	115.75	$12.99
AMD A4-3300M APU	1188	2176	39.62	$29.99*
AMD A4-3305M APU	1227	2154	39.84	$30.81
AMD A4-3310MX APU	1286	2117	NA	NA
AMD A4-3320M APU	1253	2140	34.93	$35.90
AMD A4-3330MX APU	1218	2158	NA	NA
AMD A4-3400 APU	1594	1971	18.13	$87.95
AMD A4-3420 APU	1664	1932	NA	NA
AMD A4-4000 APU	1833	1844	14.30	$128.27*
AMD A4-4020 APU	1909	1803	21.21	$90.00
AMD A4-4300M APU	1612	1960	40.44	$39.86
AMD A4-4355M APU	1177	2180	NA	NA
AMD A4-5000 APU	1917	1798	NA	NA

Common

Most Benchmarked

AMD vs Intel Market Share

Ad closed by Google

AMD A4-5050 APU	2113	1709	NA	NA
AMD A4-5100 APU	2060	1734	NA	NA
AMD A4-5150M APU	1864	1826	NA	NA
AMD A4-5300 APU	2017	1751	18.28	$110.32
AMD A4-5300B APU	2149	1694	56.56	$38.00*
AMD A4-6210 APU	2170	1687	NA	NA
AMD A4-6250J APU	2556	1536	NA	NA
AMD A4-6300 APU	2225	1669	37.09	$59.99*
AMD A4-6300B APU	2159	1692	21.59	$100.00*
AMD A4-6320 APU	2329	1617	33.29	$69.99*
AMD A4-7210 APU	2527	1545	NA	NA
AMD A4-7300 APU	2311	1627	18.94	$122.00
AMD A4-9120	1962	1774	NA	NA
AMD A4-9120C	1539	1990	NA	NA
AMD A4-9125	1989	1761	NA	NA
AMD A6 Micro-6500T APU	1834	1843	NA	NA
AMD A6 PRO-7050B APU	1616	1958	NA	NA
AMD A6 PRO-7400B	2621	1510	NA	NA
AMD A6-1450 APU	1539	1991	NA	NA
AMD A6-3400M APU	1888	1817	63.01	$29.97*
AMD A6-3410MX APU	2059	1737	516.08	$3.99*
AMD A6-3420M APU	2004	1756	NA	NA
AMD A6-3430MX APU	2200	1678	NA	NA
AMD A6-3500 APU	2029	1746	50.76	$39.99*
AMD A6-3600 APU	2707	1488	117.76	$22.99*
AMD A6-3620 APU	2793	1457	46.57	$59.99*
AMD A6-3650 APU	3148	1340	98.41	$31.99*
AMD A6-3670 APU	3166	1328	5.19	$610.00*
AMD A6-4400M APU	1641	1945	205.42	$7.99*
AMD A6-4455M APU	1286	2118	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD A6-5200 APU	2435	1581	NA	NA
AMD A6-5345M APU	1476	2023	NA	NA
AMD A6-5350M APU	1906	1805	44.20	$43.12
AMD A6-5357M APU	1953	1779	NA	NA
AMD A6-5400B APU	2250	1656	21.43	$105.04*
AMD A6-5400K APU	2161	1690	34.85	$62.02
AMD A6-6310 APU	2462	1572	NA	NA
AMD A6-6400B APU	2281	1639	NA	NA

AMD A6-6400K APU	2312	1626	11.06	$208.99*
AMD A6-6420B APU	2612	1513	NA	NA
AMD A6-6420K APU	2388	1600	15.92	$149.99*
AMD A6-7000	1667	1929	NA	NA
AMD A6-7310 APU	2671	1496	NA	NA
AMD A6-7400K APU	2790	1460	43.06	$64.79
AMD A6-7470K	2727	1481	20.52	$132.91
AMD A6-7480	3135	1341	71.28	$43.99*
AMD A6-8500P	2202	1677	NA	NA
AMD A6-8550	3032	1374	NA	NA
AMD A6-9200	1747	1880	NA	NA
AMD A6-9210	1769	1867	NA	NA
AMD A6-9220	2171	1685	NA	NA
AMD A6-9220C	2071	1728	NA	NA
AMD A6-9220e	1621	1956	NA	NA
AMD A6-9225	2136	1696	NA	NA
AMD A6-9230	2102	1714	NA	NA
AMD A6-9500	3054	1368	59.53	$51.31
AMD A6-9500E	2889	1430	39.85	$72.50
AMD A8 PRO-7150B APU	2650	1502	NA	NA
AMD A8 PRO-7600B APU	4765	960	NA	NA
AMD A8-3500M APU	1980	1765	28.32	$69.95
AMD A8-3510MX APU	2414	1587	NA	NA
AMD A8-3520M APU	2170	1686	NA	NA
AMD A8-3530MX APU	2354	1612	NA	NA
AMD A8-3550MX APU	2610	1514	NA	NA
AMD A8-3800 APU	3011	1378	52.85	$56.99*
AMD A8-3820 APU	3106	1351	24.86	$124.99*
AMD A8-3850 APU	3458	1245	32.72	$105.68*
AMD A8-3870K APU	3539	1219	23.65	$149.67*
AMD A8-4500M APU	2666	1498	NA	NA
AMD A8-4555M APU	2121	1706	NA	NA
AMD A8-5500 APU	3998	1110	70.77	$56.50*
AMD A8-5500B APU	4023	1106	NA	NA
AMD A8-5545M APU	2585	1522	NA	NA
AMD A8-5550M APU	3004	1383	NA	NA
AMD A8-5557M APU	2954	1399	NA	NA
AMD A8-5600K APU	4340	1046	18.93	$229.30
AMD A8-6410 APU	2575	1528	NA	NA
AMD A8-6500 APU	4393	1035	46.26	$94.99*

AMD A8-6500B APU	4612	988	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-6500T APU	3276	1292	NA	NA
AMD A8-6600K APU	4591	995	47.34	$96.99*
AMD A8-7050	1824	1848	NA	NA
AMD A8-7100 APU	2805	1456	NA	NA
AMD A8-7200P	3338	1279	NA	NA
AMD A8-7410 APU	2746	1475	NA	NA
AMD A8-7600 APU	5063	899	34.46	$146.94
AMD A8-7650K	4929	927	42.87	$114.99
AMD A8-7670K	5083	892	31.56	$161.10*
AMD A8-7680	5322	860	88.73	$59.99*
AMD A8-8600P	3248	1298	NA	NA
AMD A8-8650	5465	834	NA	NA
AMD A8-9600	4968	921	70.51	$70.46
AMD A9-9400	2312	1625	NA	NA
AMD A9-9410	2542	1542	NA	NA
AMD A9-9420	2340	1616	NA	NA
AMD A9-9420e	1822	1851	NA	NA
AMD A9-9425	2501	1559	NA	NA
AMD A9-9430	2524	1547	NA	NA
AMD A10 Micro-6700T APU	1970	1769	NA	NA
AMD A10 PRO-7350B APU	3164	1329	NA	NA
AMD A10 PRO-7800B APU	4979	917	NA	NA
AMD A10 PRO-7850B APU	5380	849	NA	NA
AMD A10-4600M APU	3115	1350	NA	NA
AMD A10-4655M APU	2605	1516	NA	NA
AMD A10-4657M APU	2906	1418	NA	NA
AMD A10-5700 APU	4214	1074	65.35	$64.50*
AMD A10-5745M APU	2764	1469	NA	NA
AMD A10-5750M APU	3341	1276	NA	NA
AMD A10-5757M APU	3084	1357	NA	NA
AMD A10-5800B APU	4614	987	NA	NA
AMD A10-5800K APU	4648	978	30.99	$149.99*
AMD A10-6700 APU	4605	990	39.37	$116.99*
AMD A10-6700T APU	3693	1187	25.02	$147.61*
AMD A10-6790K APU	4714	966	49.64	$94.99*
AMD A10-6800B APU	4822	947	NA	NA
AMD A10-6800K APU	4861	942	47.43	$102.50
AMD A10-7300 APU	2904	1420	NA	NA

AMD A10-7400P	3609	1203	NA	NA
AMD A10-7700K APU	5119	887	40.80	$125.47
AMD A10-7800 APU	4974	919	48.11	$103.39*
AMD A10-7850K APU	5469	833	32.69	$167.33
AMD A10-7860K	5048	902	28.85	$175.00*
AMD A10-7870K	5476	831	24.13	$226.99*
AMD A10-7890K	5708	798	28.55	$199.99*
AMD A10-8700P	3442	1249	NA	NA
AMD A10-8750	5064	898	NA	NA
AMD A10-8850	5604	811	NA	NA
AMD A10-9600P	3765	1165	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD A10-9620P	3663	1195	NA	NA
AMD A10-9630P	4474	1019	NA	NA
AMD A10-9700	5386	848	63.74	$84.51
AMD A10-9700E	4747	964	43.49	$109.17*
AMD A12-9700P	3717	1180	NA	NA
AMD A12-9720P	3993	1111	NA	NA
AMD A12-9730P	4417	1032	NA	NA
AMD A12-9800	5579	815	37.64	$148.24*
AMD A12-9800E	5087	890	38.72	$131.38*
AMD Athlon64 X2 Dual Core 4600+	1108	2222	NA	NA
AMD Athlon 4	279	2817	4.00	$69.99
AMD Athlon 64 2000+	116	2951	NA	NA
AMD Athlon 64 2200+	575	2509	NA	NA
AMD Athlon 64 2600+	374	2692	NA	NA
AMD Athlon 64 2800+	438	2620	4.38	$99.99*
AMD Athlon 64 3000+	464	2588	4.26	$108.95
AMD Athlon 64 3200+	492	2558	3.29	$149.95*
AMD Athlon 64 3300+	576	2508	NA	NA
AMD Athlon 64 3400+	545	2519	NA	NA
AMD Athlon 64 3500+	541	2525	4.97	$108.95
AMD Athlon 64 3600+	601	2493	NA	NA
AMD Athlon 64 3700+	598	2494	8.67	$69.00*
AMD Athlon 64 3800+	589	2498	3.28	$179.95*
AMD Athlon 64 4000+	608	2488	3.32	$183.27*
AMD Athlon 64 FX-25	794	2403	NA	NA
AMD Athlon 64 FX-34	380	2684	NA	NA
AMD Athlon 64 FX-51	437	2621	NA	NA

AMD Athlon 64 FX-53	646	2469	21.57	$29.99*
AMD Athlon 64 FX-55	721	2434	4.01	$179.95*
AMD Athlon 64 FX-57	730	2430	NA	NA
AMD Athlon 64 FX-59	715	2437	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2123	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1977	NA	NA
AMD Athlon 64 FX-72	1794	1860	NA	NA
AMD Athlon 64 FX-74	1495	2016	2.99	$499.50*
AMD Athlon 64 X2 3800+	958	2317	NA	NA
AMD Athlon 64 X2 4200+	1285	2120	4.16	$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2290	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2311	16.03	$60.00
AMD Athlon 64 X2 Dual Core 3800+	999	2284	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1045	2255	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	2225	5.49	$199.95
AMD Athlon 64 X2 Dual Core 4400+	1145	2204	19.09	$60.00
AMD Athlon 64 X2 Dual Core 4600+	1219	2157	3.39	$359.95
AMD Athlon 64 X2 Dual Core 4800+	1253	2141	2.73	$459.95*
AMD Athlon 64 X2 Dual Core 5000+	1313	2099	3.96	$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1380	2064	9.87	$139.95
AMD Athlon 64 X2 Dual Core 5400+	1450	2034	27.37	$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1484	2020	9.90	$149.95
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 5800+	1516	2003	60.68	$24.99*
AMD Athlon 64 X2 Dual Core 6000+	1602	1965	34.88	$45.95
AMD Athlon 64 X2 Dual Core 6400+	1787	1862	6.87	$259.95
AMD Athlon 64 X2 Dual Core BE-230	1095	2229	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2239	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2256	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2381	28.02	$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2383	14.53	$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2305	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2361	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	819	2390	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2362	12.02	$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	925	2339	NA	NA
AMD Athlon 64 X2 QL-60	925	2338	NA	NA
AMD Athlon 64 X2 QL-62	1003	2280	NA	NA
AMD Athlon 64 X2 QL-64	990	2294	NA	NA
AMD Athlon 64 X2 QL-65	1050	2254	NA	NA

AMD Athlon 64 X2 QL-66	947	2326	NA	NA
AMD Athlon 64 X2 QL-67	1006	2278	NA	NA
AMD Athlon 64 X2 TK-55	955	2318	NA	NA
AMD Athlon 64 X2 TK-57	988	2295	NA	NA
AMD Athlon 200GE	4932	926	86.56	$56.99
AMD Athlon 220GE	5302	863	76.47	$69.34
AMD Athlon 240GE	5478	829	73.00	$75.05
AMD Athlon 300U	4697	970	NA	NA
AMD Athlon 1500+	294	2789	NA	NA
AMD Athlon 1640B	670	2460	13.42	$50.00*
AMD Athlon 2000+	390	2680	NA	NA
AMD Athlon 2100+	412	2643	NA	NA
AMD Athlon 2200+	363	2709	4.55	$79.99*
AMD Athlon 2400+	462	2592	NA	NA
AMD Athlon 2500+	374	2689	2.04	$183.99*
AMD Athlon 2600+	444	2612	4.23	$104.95*
AMD Athlon 2650e	409	2647	21.56	$19.00*
AMD Athlon 2800+	447	2608	3.20	$139.95*
AMD Athlon 2850e	506	2551	NA	NA
AMD Athlon 3100+	485	2569	NA	NA
AMD Athlon 3200+	458	2596	7.63	$60.00*
AMD Athlon 5000 Dual-Core	1292	2112	10.78	$119.95*
AMD Athlon 5150 APU	2105	1712	13.16	$159.95
AMD Athlon 5200 Dual-Core	1266	2135	42.23	$29.99*
AMD Athlon 5350 APU	2608	1515	18.64	$139.95
AMD Athlon 5370 APU	2912	1415	45.73	$63.70*
AMD Athlon 7450 Dual-Core	1449	2035	NA	NA
AMD Athlon 7550 Dual-Core	1472	2024	24.54	$60.00*
AMD Athlon 7750 Dual-Core	1570	1978	10.26	$152.99
AMD Athlon 7850 Dual-Core	1710	1899	8.16	$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2800	NA	NA
AMD Athlon Dual Core 4050e	1086	2234	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 4450B	1165	2191	37.59	$31.00*
AMD Athlon Dual Core 4450e	1110	2219	NA	NA
AMD Athlon Dual Core 4850B	1391	2057	NA	NA
AMD Athlon Dual Core 4850e	1314	2098	33.71	$39.00*
AMD Athlon Dual Core 5000B	1308	2101	13.77	$95.00*
AMD Athlon Dual Core 5050e	1343	2084	22.39	$60.00*

AMD Athlon Dual Core 5200B	1316	2097	NA	NA
AMD Athlon Dual Core 5400B	1420	2046	NA	NA
AMD Athlon Dual Core 5600B	1304	2105	NA	NA
AMD Athlon II 160u	560	2515	18.68	$29.99*
AMD Athlon II 170u	626	2480	20.91	$29.95*
AMD Athlon II Dual-Core M300	1111	2217	NA	NA
AMD Athlon II Dual-Core M320	1141	2206	38.05	$30.00*
AMD Athlon II Dual-Core M340	1056	2251	NA	NA
AMD Athlon II N330 Dual-Core	1154	2198	NA	NA
AMD Athlon II N350 Dual-Core	1249	2147	NA	NA
AMD Athlon II N370 Dual-Core	1559	1983	NA	NA
AMD Athlon II Neo K125	473	2582	NA	NA
AMD Athlon II Neo K145	525	2534	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2409	29.84	$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2373	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2402	NA	NA
AMD Athlon II P320 Dual-Core	1217	2159	40.64	$29.95*
AMD Athlon II P340 Dual-Core	1250	2145	27.83	$44.95*
AMD Athlon II P360 Dual-Core	1318	2096	54.96	$24.00*
AMD Athlon II X2 210e	1486	2019	NA	NA
AMD Athlon II X2 215	1567	1980	130.71	$11.99*
AMD Athlon II X2 220	1634	1950	50.77	$32.19
AMD Athlon II X2 225	1526	1996	NA	NA
AMD Athlon II X2 235e	1661	1937	9.13	$181.88*
AMD Athlon II X2 240	1642	1943	46.98	$34.95
AMD Athlon II X2 240e	1700	1910	48.64	$34.95*
AMD Athlon II X2 245	1661	1936	47.55	$34.95*
AMD Athlon II X2 245e	1709	1902	21.37	$80.00*
AMD Athlon II X2 250	1741	1882	44.72	$38.95
AMD Athlon II X2 250e	1939	1785	25.28	$76.73*
AMD Athlon II X2 250u	1004	2279	28.74	$34.95*
AMD Athlon II X2 255	1841	1838	28.24	$65.22*
AMD Athlon II X2 260	1876	1820	93.87	$19.99*
AMD Athlon II X2 260u	1107	2223	13.28	$83.44*
AMD Athlon II X2 265	1892	1811	22.84	$82.88*
AMD Athlon II X2 270	1976	1767	82.40	$23.99*
AMD Athlon II X2 270u	1285	2121	18.99	$67.67*
AMD Athlon II X2 280	2129	1702	21.30	$99.99*
AMD Athlon II X2 4300e	1483	2021	NA	NA
AMD Athlon II X2 4400e	1632	1952	NA	NA

AMD Athlon II X2 4450e	1504	2010	NA	NA
AMD Athlon II X2 B22	1714	1896	41.13	$41.69*
AMD Athlon II X2 B24	1778	1865	44.52	$39.95
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Athlon II X2 B26	1906	1804	42.42	$44.95
AMD Athlon II X2 B28	2085	1722	42.52	$49.05*
AMD Athlon II X3 400e	2009	1755	18.70	$107.43*
AMD Athlon II X3 405e	2000	1758	25.00	$79.99*
AMD Athlon II X3 415e	2247	1657	29.97	$75.00*
AMD Athlon II X3 420e	2285	1636	19.68	$116.15*
AMD Athlon II X3 425	2314	1623	85.74	$26.99*
AMD Athlon II X3 425e	2239	1663	NA	NA
AMD Athlon II X3 435	2470	1569	82.38	$29.99*
AMD Athlon II X3 440	2567	1531	95.12	$26.99*
AMD Athlon II X3 445	2574	1529	28.29	$91.00*
AMD Athlon II X3 450	2619	1512	68.91	$38.01
AMD Athlon II X3 455	2765	1468	70.92	$38.99*
AMD Athlon II X3 460	2864	1436	73.46	$38.99*
AMD Athlon II X4 553	3814	1153	NA	NA
AMD Athlon II X4 555	3830	1149	NA	NA
AMD Athlon II X4 559	4125	1090	NA	NA
AMD Athlon II X4 600e	2465	1571	18.93	$130.23*
AMD Athlon II X4 605e	2716	1485	26.69	$101.80*
AMD Athlon II X4 610e	2793	1458	39.92	$69.99*
AMD Athlon II X4 615e	2899	1426	49.15	$59.00*
AMD Athlon II X4 620	2929	1411	48.86	$59.95
AMD Athlon II X4 620e	2906	1419	NA	NA
AMD Athlon II X4 630	3131	1343	49.75	$62.95
AMD Athlon II X4 631 Quad-Core	3151	1338	39.39	$80.00*
AMD Athlon II X4 635	3233	1303	46.23	$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1316	120.73	$26.49*
AMD Athlon II X4 640	3314	1282	41.46	$79.95
AMD Athlon II X4 641 Quad-Core	3343	1274	36.54	$91.50*
AMD Athlon II X4 645	3466	1243	69.35	$49.99*
AMD Athlon II X4 650	3482	1240	20.90	$166.60*
AMD Athlon II X4 651 Quad-Core	3576	1213	20.09	$178.04*
AMD Athlon II X4 655	2998	1385	NA	NA
AMD Athlon II X4 6400e	2594	1519	NA	NA
AMD Athlon L110	303	2770	NA	NA

AMD Athlon LE-1600	557	2517	26.57	$21.00*
AMD Athlon LE-1620	578	2506	32.12	$18.00*
AMD Athlon LE-1640	626	2479	NA	NA
AMD Athlon LE-1660	679	2457	NA	NA
AMD Athlon MP	230	2871	18.46	$12.49
AMD Athlon MP 1700+	339	2731	NA	NA
AMD Athlon MP 2400+	436	2622	NA	NA
AMD Athlon MP 2800+	497	2556	NA	NA
AMD Athlon Neo MV-40	410	2645	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2283	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2408	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2386	NA	NA
AMD Athlon PRO 200GE	5204	875	NA	NA
AMD Athlon PRO 300GE	5560	821	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon QI-46	473	2581	NA	NA
AMD Athlon TF-20	413	2641	NA	NA
AMD Athlon TF-36	395	2668	NA	NA
AMD Athlon X2 215	1543	1989	NA	NA
AMD Athlon X2 235e	1806	1856	NA	NA
AMD Athlon X2 240	1602	1964	NA	NA
AMD Athlon X2 240e	1670	1927	NA	NA
AMD Athlon X2 250	1696	1913	NA	NA
AMD Athlon X2 255	1627	1953	NA	NA
AMD Athlon X2 280	2303	1631	68.77	$33.49*
AMD Athlon X2 340 Dual Core	1932	1790	38.66	$49.99*
AMD Athlon X2 370K Dual Core	2251	1655	NA	NA
AMD Athlon X2 440	1424	2044	NA	NA
AMD Athlon X2 Dual Core 3250e	778	2407	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2286	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2344	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2220	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2160	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2143	NA	NA
AMD Athlon X2 Dual Core L310	645	2470	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2276	NA	NA
AMD Athlon X3 425	2191	1681	NA	NA
AMD Athlon X3 435	2574	1530	26.96	$95.49*
AMD Athlon X3 440	2078	1724	23.62	$87.99*
AMD Athlon X3 445	2314	1622	NA	NA

AMD Athlon X3 455	2401	1593	NA	NA
AMD Athlon X4 605e	2505	1558	NA	NA
AMD Athlon X4 620	2861	1437	47.74	$59.95
AMD Athlon X4 635	2891	1429	23.71	$121.99*
AMD Athlon X4 640	3172	1324	NA	NA
AMD Athlon X4 740 Quad Core	4028	1105	14.54	$277.00*
AMD Athlon X4 750 Quad Core	4551	1001	NA	NA
AMD Athlon X4 750K Quad Core	4271	1061	55.49	$76.99*
AMD Athlon X4 760K Quad Core	4597	993	109.51	$41.98*
AMD Athlon X4 830	4701	968	NA	NA
AMD Athlon X4 840	5069	895	64.38	$78.74*
AMD Athlon X4 845	5408	842	101.80	$53.13*
AMD Athlon X4 860K	5410	841	40.09	$134.95*
AMD Athlon X4 870K	5320	862	66.52	$79.99*
AMD Athlon X4 880K	5590	813	55.91	$99.99*
AMD Athlon X4 950	5220	871	73.70	$70.84
AMD Athlon XP1600+	281	2813	NA	NA
AMD Athlon XP1900+	353	2718	NA	NA
AMD Athlon XP2100+	287	2802	NA	NA
AMD Athlon XP2200+	401	2661	NA	NA
AMD Athlon XP2400+	374	2691	NA	NA
AMD Athlon XP 1500	282	2812	NA	NA
AMD Athlon XP 1500+	257	2842	NA	NA
AMD Athlon XP 1600+	267	2832	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Athlon XP 1700	344	2728	NA	NA
AMD Athlon XP 1700+	271	2828	4.43	$61.25*
AMD Athlon XP 1800+	300	2777	5.10	$58.95*
AMD Athlon XP 1900+	312	2761	NA	NA
AMD Athlon XP 2000+	299	2778	12.00	$24.99*
AMD Athlon XP 2100+	323	2745	NA	NA
AMD Athlon XP 2200+	328	2744	3.87	$84.95*
AMD Athlon XP 2300+	464	2589	NA	NA
AMD Athlon XP 2400+	360	2711	4.01	$89.99*
AMD Athlon XP 2500+	355	2715	NA	NA
AMD Athlon XP 2600+	372	2695	16.18	$23.03*
AMD Athlon XP 2700+	393	2672	4.64	$84.79*
AMD Athlon XP 2800+	400	2663	NA	NA
AMD Athlon XP 2900+	424	2635	NA	NA

AMD Athlon XP 3000+	402	2659	5.06	$79.70*
AMD Athlon XP 3100+	433	2626	NA	NA
AMD Athlon XP 3200+	432	2627	NA	NA
AMD Athlon XP 3400+	570	2512	NA	NA
AMD Athlon XP Pro3+	367	2702	NA	NA
AMD Athlon XP-M	541	2526	15.48	$34.95*
AMD C-30	310	2763	NA	NA
AMD C-50	462	2591	NA	NA
AMD C-60	466	2585	NA	NA
AMD C-60 APU	545	2520	NA	NA
AMD C-70 APU	558	2516	NA	NA
AMD E1 Micro-6200T APU	960	2314	NA	NA
AMD E1-1200 APU	655	2467	NA	NA
AMD E1-1500 APU	687	2452	NA	NA
AMD E1-2100 APU	641	2475	NA	NA
AMD E1-2200 APU	767	2411	NA	NA
AMD E1-2500 APU	892	2358	NA	NA
AMD E1-6010 APU	869	2365	NA	NA
AMD E1-6015 APU	900	2354	NA	NA
AMD E1-7010 APU	1018	2271	NA	NA
AMD E2-1800 APU	815	2391	NA	NA
AMD E2-2000 APU	825	2387	NA	NA
AMD E2-3000 APU	1140	2207	NA	NA
AMD E2-3000M APU	1097	2227	54.85	$20.00*
AMD E2-3200 APU	1380	2065	172.79	$7.99*
AMD E2-3800 APU	1644	1942	NA	NA
AMD E2-6110 APU	1916	1799	NA	NA
AMD E2-7110 APU	2288	1633	NA	NA
AMD E2-9000	1654	1940	NA	NA
AMD E2-9000e	1323	2094	NA	NA
AMD E2-9010	1705	1905	NA	NA
AMD E2-9030	1515	2005	NA	NA
AMD E-240	319	2751	NA	NA
AMD E-300 APU	610	2487	NA	NA
AMD E-350	745	2425	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD E-350 APU	757	2418	NA	NA
AMD E-350D APU	726	2432	NA	NA
AMD E-450 APU	765	2412	NA	NA
AMD Embedded G-Series GX-215JJ	1758	1871	NA	NA

Radeon R2E				
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1719	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2508	1555	NA	NA
AMD Embedded R-Series RX-216GD	2409	1590	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	896	NA	NA
AMD Embedded R-Series RX-421BD	4635	982	NA	NA
AMD EPYC 3201	9634	399	NA	NA
AMD EPYC 7251	11811	266	26.01	$454.18
AMD EPYC 7301	14978	171	22.06	$678.97
AMD EPYC 7351	18081	104	24.21	$746.79
AMD EPYC 7351P	14887	173	10.18	$1,462.00
AMD EPYC 7371	22071	48	NA	NA
AMD EPYC 7401P	20221	70	23.49	$860.78
AMD EPYC 7501	18942	92	9.19	$2,060.86
AMD EPYC 7502P	23465	38	10.20	$2,300.00*
AMD EPYC 7551	18483	95	12.92	$1,430.50
AMD EPYC 7551P	18406	98	13.48	$1,365.90
AMD EPYC 7571	20858	64	NA	NA
AMD EPYC 7702P	46067	2	10.41	$4,425.00*
AMD EPYC 7742	47365	1	6.82	$6,950.00*
AMD FirePro A320 APU	4540	1007	NA	NA
AMD FX-670K Quad-Core	4550	1003	NA	NA
AMD FX-770K Quad-Core	4814	950	NA	NA
AMD FX-870K Quad Core	5021	910	NA	NA
AMD FX-4100 Quad-Core	4074	1099	26.55	$153.45*
AMD FX-4130 Quad-Core	4162	1081	54.77	$75.99*
AMD FX-4150 Quad-Core	4594	994	NA	NA
AMD FX-4170 Quad-Core	4868	938	48.69	$99.99*
AMD FX-4200 Quad-Core	4260	1064	18.67	$228.21*
AMD FX-4300 Quad-Core	4694	971	42.70	$109.95
AMD FX-4320	4997	914	NA	NA
AMD FX-4330	5328	858	NA	NA
AMD FX-4350 Quad-Core	5342	854	12.42	$430.00
AMD FX-6100 Six-Core	5405	844	20.95	$258.00*
AMD FX-6120 Six-Core	5749	795	NA	NA
AMD FX-6130 Six-Core	6215	739	NA	NA
AMD FX-6200 Six-Core	6111	752	17.98	$339.95
AMD FX-6300 Six-Core	6407	723	93.55	$68.49
AMD FX-6330 Six-Core	6954	668	NA	NA

AMD FX-6350 Six-Core	7018	659	77.99	$89.99
AMD FX-7500 APU	3206	1312	NA	NA
AMD FX-7600P	4050	1101	NA	NA
AMD FX-7600P APU	4627	984	NA	NA
AMD FX-8100 Eight-Core	5964	766	42.00	$142.00*
AMD FX-8120 Eight-Core	6640	702	29.81	$222.73*
AMD FX-8140 Eight-Core	6133	748	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD FX-8150 Eight-Core	7657	600	64.37	$118.95
AMD FX-8300 Eight-Core	7767	590	23.26	$333.99*
AMD FX-8310 Eight-Core	7735	592	NA	NA
AMD FX-8320 Eight-Core	8037	555	62.79	$128.01
AMD FX-8320E Eight-Core	7575	608	17.34	$437.00
AMD FX-8350 Eight-Core	8956	471	45.23	$198.00
AMD FX-8370 Eight-Core	9047	457	41.12	$220.00*
AMD FX-8370E Eight-Core	7864	575	24.57	$320.09*
AMD FX-8800P	4136	1087	NA	NA
AMD FX-9370 Eight-Core	9460	414	52.56	$179.99
AMD FX-9590 Eight-Core	10190	344	26.41	$385.84
AMD FX-9800P	3963	1121	NA	NA
AMD FX-9830P	4777	956	NA	NA
AMD FX-B4150 Quad-Core	4611	989	NA	NA
AMD G-T40E	467	2584	NA	NA
AMD G-T40N	516	2543	NA	NA
AMD G-T40R	203	2898	NA	NA
AMD G-T44R	229	2872	NA	NA
AMD G-T48E	667	2462	NA	NA
AMD G-T52R	308	2765	NA	NA
AMD G-T56E	751	2420	NA	NA
AMD G-T56N	794	2404	NA	NA
AMD Geode NX	264	2835	NA	NA
AMD Geode NX 1750	291	2791	NA	NA
AMD GX-210JA SOC	401	2662	NA	NA
AMD GX-212JC SOC	744	2426	NA	NA
AMD GX-217GA SOC	1107	2224	NA	NA
AMD GX-218GL SOC	1207	2164	NA	NA
AMD GX-222GC SOC	1255	2139	NA	NA
AMD GX-412HC	1497	2015	NA	NA
AMD GX-415GA SOC	1944	1784	NA	NA

AMD GX-420CA SOC	2412	1589	NA	NA
AMD GX-424CC SOC	2491	1563	NA	NA
AMD K7	403	2656	NA	NA
AMD Opteron 140	396	2667	0.62	$640.00
AMD Opteron 142	428	2631	NA	NA
AMD Opteron 144	486	2566	7.48	$65.00*
AMD Opteron 146	532	2529	8.87	$59.99*
AMD Opteron 148	603	2492	NA	NA
AMD Opteron 150	604	2490	NA	NA
AMD Opteron 152	658	2464	NA	NA
AMD Opteron 154	703	2445	NA	NA
AMD Opteron 165	899	2356	1.63	$550.00
AMD Opteron 170	1097	2226	NA	NA
AMD Opteron 175	1167	2190	NA	NA
AMD Opteron 180	1236	2150	9.51	$129.95*
AMD Opteron 185	1342	2085	NA	NA
AMD Opteron 246	632	2478	31.62	$19.99*
AMD Opteron 248	476	2578	4.77	$99.95
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Opteron 250	649	2468	59.01	$11.00*
AMD Opteron 252	760	2416	12.00	$63.36*
AMD Opteron 254	693	2449	NA	NA
AMD Opteron 256	963	2309	50.72	$19.00*
AMD Opteron 265	963	2310	13.20	$73.00
AMD Opteron 270	1170	2187	1.93	$607.47*
AMD Opteron 275	1291	2113	15.74	$82.05
AMD Opteron 280	1176	2181	1.48	$796.67*
AMD Opteron 285	1470	2026	18.39	$79.95
AMD Opteron 290	1464	2028	10.85	$135.00*
AMD Opteron 1210	923	2341	NA	NA
AMD Opteron 1210 HE	971	2304	NA	NA
AMD Opteron 1212	1009	2277	3.48	$290.00*
AMD Opteron 1212 HE	1308	2102	NA	NA
AMD Opteron 1214	1191	2174	4.11	$290.00*
AMD Opteron 1214 HE	1299	2107	NA	NA
AMD Opteron 1216	1311	2100	23.91	$54.85*
AMD Opteron 1216 HE	1172	2186	NA	NA
AMD Opteron 1218	1468	2027	NA	NA
AMD Opteron 1218 HE	1444	2036	NA	NA
AMD Opteron 1220	1653	1941	NA	NA

AMD Opteron 1222	1757	1873	NA	NA
AMD Opteron 1352	2316	1621	17.04	$135.99*
AMD Opteron 1354	2630	1509	19.49	$135.00*
AMD Opteron 1356	2765	1467	30.73	$89.99*
AMD Opteron 1381	3065	1365	NA	NA
AMD Opteron 2212	1270	2133	63.53	$20.00*
AMD Opteron 2214	1358	2079	46.85	$29.00*
AMD Opteron 2214 HE	1415	2048	NA	NA
AMD Opteron 2216	1518	2002	58.84	$25.80
AMD Opteron 2218	1594	1972	19.94	$79.95
AMD Opteron 2220	1701	1908	21.29	$79.95
AMD Opteron 2220 SE	1398	2053	55.92	$25.00*
AMD Opteron 2222	1843	1836	1.11	$1,664.98*
AMD Opteron 2224 SE	1919	1796	NA	NA
AMD Opteron 2350	2820	1448	35.28	$79.95*
AMD Opteron 2354	2450	1577	7.38	$332.03*
AMD Opteron 2356	2814	1451	54.12	$52.00*
AMD Opteron 2373 EE	2789	1462	NA	NA
AMD Opteron 2374 HE	2951	1400	15.53	$189.99*
AMD Opteron 2376	2283	1637	13.69	$166.81*
AMD Opteron 2378	3179	1322	17.76	$179.00*
AMD Opteron 2380	2640	1506	58.69	$45.00
AMD Opteron 2384	3538	1222	4.21	$840.00*
AMD Opteron 2386 SE	3538	1223	NA	NA
AMD Opteron 2393 SE	2246	1658	NA	NA
AMD Opteron 2427	3069	1363	38.39	$79.95
AMD Opteron 2431	4516	1010	112.91	$40.00*
AMD Opteron 2435	4708	967	24.91	$189.00*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Opteron 3250 HE	2942	1404	29.73	$99.00*
AMD Opteron 3260 HE	3259	1295	NA	NA
AMD Opteron 3280	5403	845	19.78	$273.18*
AMD Opteron 3320 EE	2675	1495	NA	NA
AMD Opteron 3350 HE	4105	1092	NA	NA
AMD Opteron 3365	6088	760	NA	NA
AMD Opteron 3380	6384	725	7.89	$809.00*
AMD Opteron 4122	2942	1405	23.55	$124.99*
AMD Opteron 4162 EE	3166	1327	NA	NA
AMD Opteron 4170 HE	3664	1194	62.11	$59.00*

AMD Opteron 4184	4418	1031	8.50	$519.95*
AMD Opteron 4280	6430	720	128.60	$50.00*
AMD Opteron 4284	6660	699	111.03	$59.99*
AMD Opteron 4332 HE	5614	809	NA	NA
AMD Opteron 4334	6099	754	28.18	$216.42*
AMD Opteron 4365 EE	5025	908	NA	NA
AMD Opteron 4386	6761	686	48.30	$139.99*
AMD Opteron 6128	4505	1013	237.24	$18.99
AMD Opteron 6134	2938	1406	66.81	$43.99*
AMD Opteron 6136	4631	983	42.10	$110.00*
AMD Opteron 6164 HE	5351	853	NA	NA
AMD Opteron 6172	5261	866	26.57	$198.00
AMD Opteron 6174	6171	743	77.19	$79.95
AMD Opteron 6176 SE	5465	835	34.37	$159.00*
AMD Opteron 6212	5776	789	192.62	$29.99*
AMD Opteron 6220	6785	682	113.11	$59.99*
AMD Opteron 6234	5938	770	198.27	$29.95*
AMD Opteron 6238	7673	599	21.32	$359.89*
AMD Opteron 6272	6748	689	96.42	$69.99
AMD Opteron 6274	4865	940	108.15	$44.99
AMD Opteron 6276	8889	482	52.60	$169.00
AMD Opteron 6282 SE	9116	446	14.24	$640.00
AMD Opteron 6287 SE	9789	384	NA	NA
AMD Opteron 6328	7813	583	21.76	$359.00
AMD Opteron 6366 HE	7503	613	250.19	$29.99*
AMD Opteron 6376	9212	438	141.72	$65.00
AMD Opteron 6378	9094	447	47.87	$190.00
AMD Opteron 6380	10081	353	170.88	$59.00
AMD Opteron 6386 SE	10912	298	75.26	$144.99
AMD Opteron 8354	2255	1654	93.98	$24.00
AMD Opteron 8439 SE	3813	1154	63.56	$60.00
AMD Opteron X2170 APU	3059	1366	NA	NA
AMD Opteron X3216 APU	2366	1609	NA	NA
AMD Opteron X3418 APU	4659	975	NA	NA
AMD Opteron X3421 APU	4886	935	NA	NA
AMD Phenom 2 X4 12000	3005	1382	NA	NA
AMD Phenom 7950 Quad-Core	2991	1387	NA	NA
AMD Phenom 8250 Triple-Core	1668	1928	NA	NA
AMD Phenom 8250e Triple-Core	1635	1947	34.81	$46.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8400 Triple-Core	1632	1951	NA	NA
AMD Phenom 8450 Triple-Core	1890	1815	63.11	$29.95*
AMD Phenom 8450e Triple-Core	2026	1748	NA	NA
AMD Phenom 8600 Triple-Core	1673	1925	31.57	$52.99*
AMD Phenom 8600B Triple-Core	1924	1794	36.33	$52.99*
AMD Phenom 8650 Triple-Core	1986	1763	39.73	$49.99*
AMD Phenom 8750 Triple-Core	2058	1738	NA	NA
AMD Phenom 8750B Triple-Core	2034	1742	NA	NA
AMD Phenom 8850 Triple-Core	1968	1772	NA	NA
AMD Phenom 8850B Triple-Core	2080	1723	NA	NA
AMD Phenom 9100e Quad-Core	1833	1845	45.89	$39.95*
AMD Phenom 9150e Quad-Core	2113	1708	52.91	$39.95*
AMD Phenom 9350e Quad-Core	2320	1619	0.69	$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1517	24.76	$105.00*
AMD Phenom 9500 Quad-Core	2203	1676	75.99	$28.99*
AMD Phenom 9550 Quad-Core	2544	1541	87.76	$28.99*
AMD Phenom 9600 Quad-Core	2303	1630	46.11	$49.95*
AMD Phenom 9600B Quad-Core	2575	1527	17.50	$147.19*
AMD Phenom 9650 Quad-Core	2635	1507	58.63	$44.95*
AMD Phenom 9750 Quad-Core	2810	1453	95.32	$29.49*
AMD Phenom 9750B Quad-Core	2709	1487	NA	NA
AMD Phenom 9850 Quad-Core	2887	1431	24.07	$119.99*
AMD Phenom 9850B Quad-Core	3160	1333	NA	NA
AMD Phenom 9950 Quad-Core	3008	1380	22.29	$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1550	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1402	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1200	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1237	NA	NA
AMD Phenom II N620 Dual-Core	1684	1917	422.27	$3.99*
AMD Phenom II N640 Dual-Core	1721	1890	26.51	$64.95*
AMD Phenom II N660 Dual-Core	1844	1834	18.64	$99.00*
AMD Phenom II N830 3+1	2652	1501	NA	NA
AMD Phenom II N830 Triple-Core	1890	1814	NA	NA
AMD Phenom II N850 Triple-Core	1937	1786	77.51	$25.00*
AMD Phenom II N870 Triple-Core	2000	1757	NA	NA
AMD Phenom II N930 Quad-Core	2274	1641	17.50	$129.95*
AMD Phenom II N950 Quad-Core	2485	1567	22.07	$112.60*
AMD Phenom II N970 Quad-Core	2515	1552	16.77	$149.99*

AMD Phenom II P650 Dual-Core	1579	1975	45.12	$35.00*
AMD Phenom II P820 Triple-Core	1602	1966	NA	NA
AMD Phenom II P840 Triple-Core	1709	1900	NA	NA
AMD Phenom II P860 Triple-Core	1756	1875	NA	NA
AMD Phenom II P920 Quad-Core	1866	1825	24.89	$75.00*
AMD Phenom II P940 Quad-Core	1831	1846	NA	NA
AMD Phenom II P960 Quad-Core	2085	1720	74.48	$28.00*
AMD Phenom II X2 511	2104	1713	NA	NA
AMD Phenom II X2 521	2071	1727	NA	NA
AMD Phenom II X2 545	1918	1797	43.62	$43.98*
AMD Phenom II X2 550	2022	1749	40.46	$49.99*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Phenom II X2 555	2042	1740	72.99	$27.98*
AMD Phenom II X2 560	2062	1733	31.73	$64.99*
AMD Phenom II X2 565	2225	1668	10.60	$209.95
AMD Phenom II X2 570	2068	1731	NA	NA
AMD Phenom II X2 B53	1709	1901	NA	NA
AMD Phenom II X2 B55	1921	1795	40.02	$48.00*
AMD Phenom II X2 B57	1823	1849	NA	NA
AMD Phenom II X2 B59	2124	1705	48.25	$44.04*
AMD Phenom II X3 700e	2242	1661	NA	NA
AMD Phenom II X3 705e	2227	1666	14.63	$152.34*
AMD Phenom II X3 710	2447	1578	28.96	$84.53*
AMD Phenom II X3 715	2649	1504	31.17	$84.99*
AMD Phenom II X3 720	2666	1497	38.10	$69.99*
AMD Phenom II X3 740	2985	1389	33.55	$88.99*
AMD Phenom II X3 B73	2735	1480	36.47	$75.00*
AMD Phenom II X3 B75	2896	1428	72.43	$39.99*
AMD Phenom II X3 B77	3067	1364	137.64	$22.29*
AMD Phenom II X4 805	2998	1384	17.23	$173.99*
AMD Phenom II X4 810	3121	1347	26.91	$115.99*
AMD Phenom II X4 820	3396	1259	45.32	$74.95*
AMD Phenom II X4 830	3434	1250	42.95	$79.95*
AMD Phenom II X4 840	3509	1233	39.01	$89.95*
AMD Phenom II X4 840T	3597	1206	51.41	$69.99*
AMD Phenom II X4 850	3550	1216	54.64	$64.99*
AMD Phenom II X4 900e	2882	1434	NA	NA
AMD Phenom II X4 905e	3080	1360	57.06	$53.99*
AMD Phenom II X4 910	3247	1299	32.48	$100.00*
AMD Phenom II X4 910e	3254	1297	20.73	$156.99*

AMD Phenom II X4 920	3389	1261	42.37	$79.99*
AMD Phenom II X4 925	3411	1253	77.56	$43.99*
AMD Phenom II X4 940	3591	1208	60.52	$59.34*
AMD Phenom II X4 945	3652	1197	10.19	$358.54
AMD Phenom II X4 955	3918	1134	30.10	$130.16*
AMD Phenom II X4 960T	3775	1161	8.05	$469.00
AMD Phenom II X4 965	4178	1079	24.73	$169.01
AMD Phenom II X4 970	4316	1055	29.14	$148.11*
AMD Phenom II X4 973	3759	1168	NA	NA
AMD Phenom II X4 975	4453	1023	31.88	$139.69*
AMD Phenom II X4 977	3750	1171	NA	NA
AMD Phenom II X4 980	4490	1017	19.52	$229.99*
AMD Phenom II X4 8700e	2377	1603	NA	NA
AMD Phenom II X4 B05e	2792	1459	NA	NA
AMD Phenom II X4 B15e	2736	1478	NA	NA
AMD Phenom II X4 B25	3297	1287	NA	NA
AMD Phenom II X4 B35	3387	1262	NA	NA
AMD Phenom II X4 B40	3352	1270	NA	NA
AMD Phenom II X4 B45	3469	1242	NA	NA
AMD Phenom II X4 B50	3696	1184	NA	NA
AMD Phenom II X4 B55	3853	1142	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Phenom II X4 B60	4034	1104	NA	NA
AMD Phenom II X4 B65	4172	1080	NA	NA
AMD Phenom II X4 B70	4261	1063	NA	NA
AMD Phenom II X4 B93	3345	1272	NA	NA
AMD Phenom II X4 B95	3677	1189	50.41	$72.95*
AMD Phenom II X4 B97	3868	1138	67.87	$56.99*
AMD Phenom II X4 B99	4126	1089	NA	NA
AMD Phenom II X6 1035T	4665	974	24.68	$189.00*
AMD Phenom II X6 1045T	4800	954	44.45	$108.01*
AMD Phenom II X6 1055T	4966	922	45.55	$109.03*
AMD Phenom II X6 1065T	5029	906	NA	NA
AMD Phenom II X6 1075T	5329	857	47.16	$112.99*
AMD Phenom II X6 1090T	5562	820	36.11	$154.04
AMD Phenom II X6 1100T	5709	797	32.17	$177.49*
AMD Phenom II X6 1405T	5042	904	NA	NA
AMD Phenom II X620 Dual-Core	2189	1682	NA	NA
AMD Phenom II X640 Dual-Core	2021	1750	NA	NA

AMD Phenom II X920 Quad-Core	2650	1503	NA	NA
AMD Phenom II X940 Quad-Core	2695	1489	NA	NA
AMD Phenom Ultra X4 24500	3945	1127	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1911	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1675	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1879	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2179	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	2038	NA	NA
AMD Phenom X3 8550	1931	1792	11.36	$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1872	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1759	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1664	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1427	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1486	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1491	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2161	NA	NA
AMD PRO A4-3350B APU	2274	1642	NA	NA
AMD PRO A4-8350B	2776	1464	NA	NA
AMD PRO A6-7350B	2759	1471	NA	NA
AMD PRO A6-8500B	2516	1551	NA	NA
AMD PRO A6-8530B	2388	1599	NA	NA
AMD PRO A6-8550B	2970	1395	NA	NA
AMD PRO A6-8570	3049	1372	NA	NA
AMD PRO A6-8570E	2824	1447	NA	NA
AMD PRO A6-9500	2950	1401	39.88	$74.00*
AMD PRO A6-9500B	2076	1725	NA	NA
AMD PRO A6-9500E	2717	1483	36.73	$74.00*
AMD PRO A8-8600B	3512	1232	NA	NA
AMD PRO A8-8650B	5250	868	NA	NA
AMD PRO A8-8670E	5015	911	NA	NA
AMD PRO A8-9600	5277	864	44.35	$119.00*
AMD PRO A8-9600B	3964	1119	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD PRO A10-8700B	3562	1215	NA	NA
AMD PRO A10-8730B	3962	1123	NA	NA
AMD PRO A10-8750B	5473	832	NA	NA
AMD PRO A10-8770	5707	799	NA	NA
AMD PRO A10-8770E	5035	905	NA	NA
AMD PRO A10-8850B	5852	778	NA	NA
AMD PRO A10-9700	5599	812	33.13	$169.00*

AMD PRO A10-9700B	4380	1037	NA	NA
AMD PRO A10-9700E	5066	897	36.45	$139.00*
AMD PRO A12-8800B	4111	1091	NA	NA
AMD PRO A12-8830B	4259	1065	NA	NA
AMD PRO A12-8870	6067	761	NA	NA
AMD PRO A12-8870E	5186	880	NA	NA
AMD PRO A12-9800	6132	749	36.29	$169.00*
AMD PRO A12-9800B	4089	1096	NA	NA
AMD PRO A12-9800E	4769	959	28.22	$169.00*
AMD QC-4000	1663	1935	NA	NA
AMD R-260H APU	1576	1976	NA	NA
AMD R-460L APU	1954	1777	NA	NA
AMD R-464L APU	3117	1349	NA	NA
AMD RX-427BB	4364	1042	NA	NA
AMD Ryzen 3 1200	6796	681	113.29	$59.99
AMD Ryzen 3 1300X	7551	610	58.27	$129.58
AMD Ryzen 3 2200G	7326	631	91.63	$79.95
AMD Ryzen 3 2200GE	6976	664	NA	NA
AMD Ryzen 3 2200U	4576	997	NA	NA
AMD Ryzen 3 2300U	6096	756	NA	NA
AMD Ryzen 3 2300X	8367	524	NA	NA
AMD Ryzen 3 3200G	7971	568	89.59	$88.98
AMD Ryzen 3 3200U	4775	957	NA	NA
AMD Ryzen 3 3300U	6143	747	NA	NA
AMD Ryzen 3 PRO 1200	7075	654	NA	NA
AMD Ryzen 3 PRO 1300	7994	562	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	888	NA	NA
AMD Ryzen 3 PRO 2200G	8042	552	NA	NA
AMD Ryzen 3 PRO 2200GE	7550	611	NA	NA
AMD Ryzen 3 PRO 2300U	7092	652	NA	NA
AMD Ryzen 3 PRO 3200G	8316	530	NA	NA
AMD Ryzen 3 PRO 3200GE	8240	535	NA	NA
AMD Ryzen 3 PRO 3300U	6888	676	NA	NA
AMD Ryzen 5 1400	8357	527	61.22	$136.53
AMD Ryzen 5 1500X	10116	352	73.26	$138.08
AMD Ryzen 5 1600	12280	253	118.14	$103.95
AMD Ryzen 5 1600X	13195	227	89.77	$146.99
AMD Ryzen 5 2400G	9320	427	77.03	$121.00
AMD Ryzen 5 2400GE	8957	470	NA	NA

AMD Ryzen 5 2500U	7348	629	NA	NA
AMD Ryzen 5 2500X	9704	395	NA	NA
AMD Ryzen 5 2600	13522	214	114.60	$118.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 2600H	8366	525	NA	NA
AMD Ryzen 5 2600X	14363	187	89.78	$159.99
AMD Ryzen 5 3400G	9981	366	69.15	$144.35
AMD Ryzen 5 3500U	7937	571	NA	NA
AMD Ryzen 5 3550H	8404	521	NA	NA
AMD Ryzen 5 3580U	7054	657	NA	NA
AMD Ryzen 5 3600	19918	74	102.21	$194.89
AMD Ryzen 5 3600X	20509	66	87.50	$234.39
AMD Ryzen 5 PRO 1500	10133	349	NA	NA
AMD Ryzen 5 PRO 1600	12213	258	NA	NA
AMD Ryzen 5 PRO 2400G	9990	364	NA	NA
AMD Ryzen 5 PRO 2400GE	8472	513	NA	NA
AMD Ryzen 5 PRO 2500U	8213	537	NA	NA
AMD Ryzen 5 PRO 2600	14221	192	NA	NA
AMD Ryzen 5 PRO 3400G	10615	317	NA	NA
AMD Ryzen 5 PRO 3400GE	10300	333	NA	NA
AMD Ryzen 5 PRO 3500U	8437	517	NA	NA
AMD Ryzen 5 PRO 3600	21596	55	NA	NA
AMD Ryzen 7 1700	13928	198	68.54	$203.21
AMD Ryzen 7 1700X	14813	175	86.63	$171.00
AMD Ryzen 7 1800X	15535	157	59.75	$259.99
AMD Ryzen 7 2700	15079	167	88.71	$169.99
AMD Ryzen 7 2700E	13410	220	NA	NA
AMD Ryzen 7 2700U	7400	627	NA	NA
AMD Ryzen 7 2700X	16975	119	87.06	$194.99
AMD Ryzen 7 2800H	8498	512	NA	NA
AMD Ryzen 7 3700U	8030	557	NA	NA
AMD Ryzen 7 3700X	23885	36	72.83	$327.98
AMD Ryzen 7 3750H	9019	459	NA	NA
AMD Ryzen 7 3800X	24565	29	66.40	$369.99
AMD Ryzen 7 PRO 1700	14112	194	NA	NA
AMD Ryzen 7 PRO 1700X	15324	162	NA	NA
AMD Ryzen 7 PRO 2700	15406	161	NA	NA
AMD Ryzen 7 PRO 2700U	8903	479	NA	NA
AMD Ryzen 7 PRO 2700X	17161	115	NA	NA
AMD Ryzen 7 PRO 3700	25748	21	NA	NA

AMD Ryzen 7 PRO 3700U	8613	502	NA	NA
AMD Ryzen 9 3900	30679	7	NA	NA
AMD Ryzen 9 3900X	31883	5	63.77	$499.99
AMD Ryzen 9 PRO 3900	32946	4	NA	NA
AMD Ryzen Embedded R1505G	4555	1000	NA	NA
AMD Ryzen Embedded V1202B	4368	1039	NA	NA
AMD Ryzen Embedded V1605B	7140	648	NA	NA
AMD Ryzen Embedded V1756B	8559	507	NA	NA
AMD Ryzen Embedded V1807B	8528	510	NA	NA
AMD Ryzen Threadripper 1900X	16120	142	76.77	$209.99
AMD Ryzen Threadripper 1920X	20004	72	95.26	$209.99
AMD Ryzen Threadripper 1950X	21917	49	44.73	$489.99*
AMD Ryzen Threadripper 2920X	22134	47	58.25	$379.99
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Ryzen Threadripper 2950X	25391	23	37.34	$679.99
AMD Ryzen Threadripper 2970WX	21757	53	23.73	$916.99
AMD Ryzen Threadripper 2990WX	23150	41	13.86	$1,669.99
AMD Ryzen Threadripper 2990X	19227	90	NA	NA
AMD Sempron 130	700	2446	28.03	$24.99*
AMD Sempron 140	738	2428	18.66	$39.59*
AMD Sempron 145	807	2399	8.51	$94.92
AMD Sempron 150	747	2422	16.64	$44.95*
AMD Sempron 200U	267	2831	3.08	$87.00*
AMD Sempron 210U	391	2678	NA	NA
AMD Sempron 240	2110	1711	36.39	$58.00
AMD Sempron 2100+	392	2676	NA	NA
AMD Sempron 2200+	282	2811	9.42	$29.99*
AMD Sempron 2300+	318	2752	7.07	$45.00*
AMD Sempron 2400+	314	2759	12.10	$26.00*
AMD Sempron 2500+	335	2734	6.11	$54.95*
AMD Sempron 2600+	374	2690	10.71	$34.95
AMD Sempron 2650 APU	951	2320	17.72	$53.69
AMD Sempron 2800+	383	2682	6.40	$59.95
AMD Sempron 3000+	408	2649	20.41	$20.00
AMD Sempron 3100+	452	2602	7.53	$60.00*
AMD Sempron 3200+	406	2650	3.10	$131.22*
AMD Sempron 3300+	484	2571	8.07	$60.00
AMD Sempron 3400+	454	2600	15.21	$29.89
AMD Sempron 3500+	379	2685	18.98	$20.00*

AMD Sempron 3600+	483	2573	40.30	$12.00*
AMD Sempron 3800+	554	2518	3.62	$152.92*
AMD Sempron 3850 APU	1715	1895	21.45	$79.98
AMD Sempron Dual Core 2100	936	2333	24.02	$39.00*
AMD Sempron Dual Core 2200	995	2289	NA	NA
AMD Sempron Dual Core 2300	982	2297	23.39	$41.99*
AMD Sempron Dual Core 4700	948	2323	NA	NA
AMD Sempron Dual Core 4900	1081	2240	NA	NA
AMD Sempron LE-250	490	2560	NA	NA
AMD Sempron LE-1100	438	2619	NA	NA
AMD Sempron LE-1150	444	2611	NA	NA
AMD Sempron LE-1200	527	2532	NA	NA
AMD Sempron LE-1250	543	2523	5.44	$99.95*
AMD Sempron LE-1300	595	2495	28.37	$21.00
AMD Sempron LE-1600	535	2528	NA	NA
AMD Sempron LE-1620	635	2476	NA	NA
AMD Sempron LE-1640	759	2417	NA	NA
AMD Sempron M100	566	2514	47.17	$12.00*
AMD Sempron M120	582	2503	NA	NA
AMD Sempron SI-40	443	2613	36.93	$12.00*
AMD Sempron SI-42	456	2599	15.22	$30.01*
AMD Sempron X2 180	1391	2056	20.05	$69.40*
AMD Sempron X2 190	1534	1994	18.39	$83.44*
AMD Sempron X2 198 Dual-Core	1413	2049	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Turion 64 Mobile MK-36	465	2586	NA	NA
AMD Turion 64 Mobile MK-38	513	2544	NA	NA
AMD Turion 64 Mobile ML-28	390	2679	NA	NA
AMD Turion 64 Mobile ML-30	402	2660	NA	NA
AMD Turion 64 Mobile ML-32	402	2658	NA	NA
AMD Turion 64 Mobile ML-34	425	2634	NA	NA
AMD Turion 64 Mobile ML-37	446	2609	2.27	$196.50*
AMD Turion 64 Mobile ML-40	522	2538	NA	NA
AMD Turion 64 Mobile ML-42	615	2485	NA	NA
AMD Turion 64 Mobile ML-44	591	2496	NA	NA
AMD Turion 64 Mobile MT-28	419	2637	NA	NA
AMD Turion 64 Mobile MT-30	378	2686	NA	NA
AMD Turion 64 Mobile MT-32	426	2633	NA	NA
AMD Turion 64 Mobile MT-34	429	2629	NA	NA
AMD Turion 64 Mobile MT-37	484	2570	NA	NA

AMD Turion 64 Mobile MT-40	536	2527	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2424	14.95	$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2413	NA	NA
AMD Turion 64 X2 Mobile TL-56	891	2359	63.89	$13.95*
AMD Turion 64 X2 Mobile TL-58	947	2327	NA	NA
AMD Turion 64 X2 Mobile TL-60	996	2288	62.51	$15.95*
AMD Turion 64 X2 Mobile TL-62	1087	2232	3.50	$311.00*
AMD Turion 64 X2 Mobile TL-64	1090	2231	27.69	$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2205	3.02	$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2192	12.92	$90.00*
AMD Turion Dual-Core RM-70	912	2349	36.49	$25.00*
AMD Turion Dual-Core RM-72	860	2368	21.52	$39.99*
AMD Turion Dual-Core RM-74	1016	2273	NA	NA
AMD Turion Dual-Core RM-75	1003	2282	36.53	$27.46*
AMD Turion II Dual-Core Mobile M500	1293	2111	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2104	18.91	$69.10*
AMD Turion II Dual-Core Mobile M540	1338	2088	NA	NA
AMD Turion II N530 Dual-Core	1567	1981	52.24	$30.00*
AMD Turion II N550 Dual-Core	1521	1997	NA	NA
AMD Turion II Neo K625 Dual-Core	977	2299	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2177	NA	NA
AMD Turion II Neo N40L Dual-Core	929	2336	NA	NA
AMD Turion II Neo N54L Dual-Core	1364	2071	NA	NA
AMD Turion II P520 Dual-Core	1360	2075	NA	NA
AMD Turion II P540 Dual-Core	1432	2043	28.67	$49.95*
AMD Turion II P560 Dual-Core	1515	2004	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	2051	52.55	$26.76*
AMD Turion II Ultra Dual-Core Mobile M620	1435	2039	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1670	1926	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1995	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2395	NA	NA
AMD Turion X2 Dual Core L510	923	2342	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2370	6.48	$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2249	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Turion X2 Dual-Core Mobile RM-70	994	2293	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2236	4.84	$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2248	43.31	$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1120	2210	NA	NA

AMD Turion X2 Dual-Core Mobile RM-77	1149	2200	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1023	2266	16.51	$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2238	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2163	63.72	$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2151	27.43	$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1295	2110	23.56	$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1205	2166	30.18	$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2287	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2263	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	2031	NA	NA
AMD V105	299	2779	NA	NA
AMD V120	623	2483	NA	NA
AMD V140	643	2473	12.89	$49.95*
AMD V160	677	2458	NA	NA
AMD Z-01	523	2537	NA	NA
AMD Z-60 APU	500	2554	NA	NA
AMD-K6 3D	90	2955	NA	NA
AMD-K6-III	108	2952	NA	NA
AMD-K7	403	2657	NA	NA
Athlon 64 Dual Core 3800+	1234	2152	NA	NA
Athlon 64 Dual Core 4200+	1156	2197	5.64	$204.95*
Athlon 64 Dual Core 4800+	1370	2069	NA	NA
Athlon 64 Dual Core 5000+	1507	2009	NA	NA
Athlon 64 Dual Core 5400+	1614	1959	NA	NA
Athlon 64 Dual Core 5600+	1548	1986	NA	NA
Athlon Dual Core 4050e	968	2306	NA	NA
Athlon Dual Core 4450e	1204	2167	NA	NA
Athlon Dual Core 4850e	1346	2082	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1441	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1086	2235	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1172	2185	27.91	$42.00
Celeron Dual-Core T3300 @ 2.00GHz	1201	2171	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	2129	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2165	NA	NA
HP Hexa-Core 2.0GHz	2178	1683	4.32	$504.27*
Intel 2.80GHz	525	2535	NA	NA
Intel 1300 @ 1.66GHz	857	2372	NA	NA

Intel 1400 @ 1.83GHz	980	2298	NA	NA
Intel 1500 @ 2.00GHz	1024	2264	NA	NA
Intel Atom 230 @ 1.60GHz	307	2766	NA	NA
Intel Atom 330 @ 1.60GHz	587	2500	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2357	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2313	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1721	20.05	$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1651	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Atom C2558 @ 2.40GHz	2169	1688	15.95	$136.00*
Intel Atom C2750 @ 2.40GHz	3768	1163	16.24	$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1273	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1331	14.72	$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1575	32.73	$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1543	29.52	$86.00*
Intel Atom C3858 @ 2.00GHz	4852	944	14.62	$332.00*
Intel Atom C3958 @ 2.00GHz	6586	706	14.67	$449.00*
Intel Atom D410 @ 1.66GHz	301	2775	0.47	$635.99*
Intel Atom D425 @ 1.80GHz	345	2727	0.35	$992.98*
Intel Atom D510 @ 1.66GHz	658	2466	6.78	$97.16*
Intel Atom D525 @ 1.80GHz	706	2441	NA	NA
Intel Atom D2500 @ 1.86GHz	403	2655	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2456	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2438	NA	NA
Intel Atom D2700 @ 2.13GHz	839	2380	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2435	NA	NA
Intel Atom E660 @ 1.30GHz	271	2827	5.03	$54.00*
Intel Atom E680 @ 1.60GHz	346	2724	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2741	1.58	$209.99
Intel Atom E3825 @ 1.33GHz	579	2505	8.24	$70.32*
Intel Atom E3826 @ 1.46GHz	489	2561	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2376	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2193	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	2011	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1823	NA	NA
Intel Atom E3950 @ 1.60GHz	1876	1819	NA	NA
Intel Atom K510 @ 1.66GHz	658	2465	NA	NA
Intel Atom N270 @ 1.60GHz	270	2830	NA	NA
Intel Atom N280 @ 1.66GHz	282	2809	NA	NA

Intel Atom N435 @ 1.33GHz	261	2838	NA	NA
Intel Atom N450 @ 1.66GHz	296	2785	NA	NA
Intel Atom N455 @ 1.66GHz	283	2807	NA	NA
Intel Atom N470 @ 1.83GHz	332	2740	NA	NA
Intel Atom N475 @ 1.83GHz	314	2757	NA	NA
Intel Atom N550 @ 1.50GHz	524	2536	6.10	$86.00*
Intel Atom N570 @ 1.66GHz	574	2510	6.68	$86.00*
Intel Atom N2100 @ 1.60GHz	302	2771	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2533	NA	NA
Intel Atom N2800 @ 1.86GHz	625	2481	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2345	14.32	$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1741	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2396	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1600	1967	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1192	2173	8.96	$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1015	2274	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1273	2130	60.66	$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1696	1912	27.11	$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1835	1842	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Atom x7-Z8700 @ 1.60GHz	1890	1813	25.68	$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1894	1809	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2906	4.33	$45.00*
Intel Atom Z515 @ 1.20GHz	218	2882	NA	NA
Intel Atom Z520 @ 1.33GHz	217	2883	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2815	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2721	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2683	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2862	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2513	NA	NA
Intel Atom Z3735D @ 1.33GHz	937	2331	NA	NA
Intel Atom Z3735E @ 1.33GHz	948	2325	8.10	$117.00*
Intel Atom Z3735F @ 1.33GHz	914	2346	5.04	$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2353	NA	NA
Intel Atom Z3736F @ 1.33GHz	912	2348	NA	NA
Intel Atom Z3740 @ 1.33GHz	1068	2245	NA	NA
Intel Atom Z3740D @ 1.33GHz	1011	2275	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2243	35.98	$30.00*
Intel Atom Z3745D @ 1.33GHz	1018	2272	NA	NA
Intel Atom Z3770 @ 1.46GHz	1252	2142	8.38	$149.44*

Intel Atom Z3770D @ 1.49GHz	805	2400	NA	NA
Intel Atom Z3775 @ 1.46GHz	1275	2128	36.44	$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2126	NA	NA
Intel Atom Z3795 @ 1.60GHz	1804	1857	NA	NA
Intel Celeron 1.70GHz	130	2945	NA	NA
Intel Celeron 1.80GHz	136	2942	NA	NA
Intel Celeron 2.00GHz	182	2918	NA	NA
Intel Celeron 2.10GHz	244	2860	NA	NA
Intel Celeron 2.13GHz	208	2893	NA	NA
Intel Celeron 2.20GHz	213	2888	NA	NA
Intel Celeron 2.26GHz	223	2877	NA	NA
Intel Celeron 2.30GHz	227	2874	NA	NA
Intel Celeron 2.40GHz	217	2884	NA	NA
Intel Celeron 2.50GHz	247	2854	NA	NA
Intel Celeron 2.53GHz	245	2858	NA	NA
Intel Celeron 2.60GHz	238	2864	NA	NA
Intel Celeron 2.66GHz	249	2852	NA	NA
Intel Celeron 2.70GHz	245	2859	NA	NA
Intel Celeron 2.80GHz	254	2844	NA	NA
Intel Celeron 2.93GHz	283	2806	NA	NA
Intel Celeron 3.06GHz	284	2804	NA	NA
Intel Celeron 3.20GHz	288	2796	NA	NA
Intel Celeron 3.33GHz	333	2738	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2747	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2749	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2604	11.27	$39.99*
Intel Celeron 430 @ 1.80GHz	487	2564	10.33	$47.18
Intel Celeron 440 @ 2.00GHz	544	2521	24.38	$22.33
Intel Celeron 450 @ 2.20GHz	625	2482	20.86	$29.99*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Celeron 530 @ 1.73GHz	474	2580	20.62	$22.99*
Intel Celeron 540 @ 1.86GHz	521	2539	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2541	7.96	$64.95
Intel Celeron 560 @ 2.13GHz	531	2530	6.65	$79.95
Intel Celeron 570 @ 2.26GHz	517	2540	NA	NA
Intel Celeron 600MHz	147	2938	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2653	NA	NA
Intel Celeron 743 @ 1.30GHz	421	2636	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2421	NA	NA

Intel Celeron 807UE @ 1.00GHz	369	2699	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2486	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2334	2.97	$315.00*
Intel Celeron 847E @ 1.10GHz	1021	2268	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2203	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2184	39.12	$29.99*
Intel Celeron 877 @ 1.40GHz	1290	2114	NA	NA
Intel Celeron 887 @ 1.50GHz	1280	2124	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2459	23.34	$28.99
Intel Celeron 925 @ 2.30GHz	691	2451	NA	NA
Intel Celeron 1000M @ 1.80GHz	1675	1923	NA	NA
Intel Celeron 1000MHz	213	2887	NA	NA
Intel Celeron 1005M @ 1.90GHz	1809	1853	NA	NA
Intel Celeron 1007U @ 1.50GHz	1389	2058	7.51	$184.99*
Intel Celeron 1017U @ 1.60GHz	1513	2007	NA	NA
Intel Celeron 1019Y @ 1.00GHz	946	2328	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1665	NA	NA
Intel Celeron 1037U @ 1.80GHz	1737	1886	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2175	NA	NA
Intel Celeron 1066MHz	259	2840	NA	NA
Intel Celeron 1100MHz	174	2924	NA	NA
Intel Celeron 1133MHz	282	2808	NA	NA
Intel Celeron 1200MHz	244	2861	NA	NA
Intel Celeron 1300MHz	288	2798	NA	NA
Intel Celeron 1333MHz	290	2792	NA	NA
Intel Celeron 1400MHz	302	2772	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1610	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1962	18.67	$86.00*
Intel Celeron 2950M @ 2.00GHz	1984	1764	NA	NA
Intel Celeron 2955U @ 1.40GHz	1413	2050	NA	NA
Intel Celeron 2957U @ 1.40GHz	1432	2041	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2218	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1624	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1973	NA	NA
Intel Celeron 2981U @ 1.60GHz	1364	2072	NA	NA
Intel Celeron 3205U @ 1.50GHz	1501	2013	5.23	$287.04*
Intel Celeron 3215U @ 1.70GHz	1641	1944	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1907	NA	NA
Intel Celeron 3765U @ 1.90GHz	1948	1782	NA	NA
Intel Celeron 3855U @ 1.60GHz	1687	1915	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3865U @ 1.80GHz	1913	1801	NA	NA
Intel Celeron 3867U @ 1.80GHz	1843	1837	17.23	$107.00*
Intel Celeron 3955U @ 2.00GHz	1934	1788	NA	NA
Intel Celeron 3965U @ 2.20GHz	2360	1611	22.06	$107.00*
Intel Celeron 3965Y @ 1.50GHz	1607	1961	15.03	$107.00*
Intel Celeron 4205U @ 1.80GHz	1951	1781	18.23	$107.00*
Intel Celeron @ 1.30GHz	965	2308	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2912	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2393	NA	NA
Intel Celeron B800 @ 1.50GHz	1279	2125	NA	NA
Intel Celeron B810 @ 1.60GHz	1395	2055	NA	NA
Intel Celeron B815 @ 1.60GHz	1363	2073	NA	NA
Intel Celeron B820 @ 1.70GHz	1432	2042	36.46	$39.29*
Intel Celeron B830 @ 1.80GHz	1512	2008	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1892	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2829	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2773	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2754	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2733	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2654	4.50	$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2574	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2501	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2371	7.80	$109.95*
Intel Celeron E1400 @ 2.00GHz	1052	2252	15.04	$69.99
Intel Celeron E1500 @ 2.20GHz	1169	2188	59.51	$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2138	NA	NA
Intel Celeron E3200 @ 2.40GHz	1382	2062	26.59	$51.99*
Intel Celeron E3300 @ 2.50GHz	1389	2059	55.62	$24.98
Intel Celeron E3400 @ 2.60GHz	1441	2037	2.36	$610.00*
Intel Celeron E3500 @ 2.70GHz	1454	2030	36.37	$39.99*
Intel Celeron G440 @ 1.60GHz	694	2448	13.90	$49.99*
Intel Celeron G460 @ 1.80GHz	1035	2260	15.93	$65.00
Intel Celeron G465 @ 1.90GHz	1064	2246	10.64	$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2108	NA	NA
Intel Celeron G530 @ 2.40GHz	2128	1703	53.22	$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1893	NA	NA
Intel Celeron G540 @ 2.50GHz	2197	1679	48.83	$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1707	NA	NA

Intel Celeron G550 @ 2.60GHz	2290	1632	28.63	$80.00
Intel Celeron G550T @ 2.20GHz	2032	1745	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1585	22.23	$109.00
Intel Celeron G1101 @ 2.27GHz	1667	1930	84.34	$19.77*
Intel Celeron G1610 @ 2.60GHz	2488	1564	52.95	$47.00
Intel Celeron G1610T @ 2.30GHz	2256	1652	56.35	$40.04*
Intel Celeron G1620 @ 2.70GHz	2576	1526	39.64	$64.99
Intel Celeron G1620T @ 2.40GHz	2353	1615	56.03	$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1562	35.63	$69.99
Intel Celeron G1820 @ 2.70GHz	2754	1473	45.92	$59.99
Intel Celeron G1820T @ 2.40GHz	2495	1561	59.42	$42.00*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Celeron G1820TE @ 2.20GHz	2132	1701	NA	NA
Intel Celeron G1830 @ 2.80GHz	2559	1534	26.95	$94.95
Intel Celeron G1840 @ 2.80GHz	2860	1438	31.84	$89.84
Intel Celeron G1840T @ 2.50GHz	2554	1537	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1417	36.38	$79.99*
Intel Celeron G3900 @ 2.80GHz	3133	1342	56.99	$54.99
Intel Celeron G3900E @ 2.40GHz	2679	1494	NA	NA
Intel Celeron G3900T @ 2.60GHz	2925	1413	26.01	$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1520	61.71	$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1346	27.40	$113.99*
Intel Celeron G3930 @ 2.90GHz	3037	1373	33.90	$89.59
Intel Celeron G3930T @ 2.70GHz	2766	1466	69.18	$39.99
Intel Celeron G3930TE @ 2.70GHz	2970	1396	70.72	$42.00*
Intel Celeron G3950 @ 3.00GHz	3049	1371	42.82	$71.22*
Intel Celeron G4900 @ 3.10GHz	3288	1288	73.63	$44.67
Intel Celeron G4900T @ 2.90GHz	3096	1354	NA	NA
Intel Celeron G4920 @ 3.20GHz	3220	1310	42.10	$76.50*
Intel Celeron G4930 @ 3.20GHz	3503	1234	55.99	$62.58
Intel Celeron J1750 @ 2.41GHz	1037	2259	NA	NA
Intel Celeron J1800 @ 2.41GHz	1020	2269	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1957	NA	NA
Intel Celeron J1900 @ 1.99GHz	1852	1831	NA	NA
Intel Celeron J3060 @ 1.60GHz	976	2301	NA	NA
Intel Celeron J3160 @ 1.60GHz	1797	1859	NA	NA
Intel Celeron J3355 @ 2.00GHz	1157	2195	NA	NA
Intel Celeron J3455 @ 1.50GHz	2112	1710	5.56	$379.99
Intel Celeron J4005 @ 2.00GHz	1544	1988	10.27	$150.35
Intel Celeron J4105 @ 1.50GHz	2641	1505	24.69	$107.00*

Intel Celeron M 1.00GHz	207	2894	1.60	$129.95
Intel Celeron M 1.30GHz	316	2753	NA	NA
Intel Celeron M 1.50GHz	343	2729	NA	NA
Intel Celeron M 1.60GHz	364	2708	NA	NA
Intel Celeron M 1.70GHz	393	2674	NA	NA
Intel Celeron M 360 1.40GHz	328	2743	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2755	NA	NA
Intel Celeron M 420 @ 1.60GHz	334	2737	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2701	NA	NA
Intel Celeron M 440 @ 1.86GHz	392	2675	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2846	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2605	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2628	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2590	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2524	NA	NA
Intel Celeron M 600MHz	151	2936	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2598	NA	NA
Intel Celeron M 900MHz	204	2896	NA	NA
Intel Celeron M 1200MHz	275	2824	NA	NA
Intel Celeron M 1300MHz	303	2769	NA	NA
Intel Celeron M 1500MHz	333	2739	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Celeron M ULV 800MHz	184	2916	NA	NA
Intel Celeron N2805 @ 1.46GHz	460	2595	NA	NA
Intel Celeron N2806 @ 1.60GHz	802	2401	NA	NA
Intel Celeron N2807 @ 1.58GHz	861	2367	NA	NA
Intel Celeron N2808 @ 1.58GHz	907	2352	NA	NA
Intel Celeron N2810 @ 2.00GHz	787	2406	5.62	$139.99*
Intel Celeron N2815 @ 1.86GHz	859	2369	NA	NA
Intel Celeron N2820 @ 2.13GHz	937	2332	5.21	$179.99
Intel Celeron N2830 @ 2.16GHz	966	2307	NA	NA
Intel Celeron N2840 @ 2.16GHz	1003	2281	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2168	NA	NA
Intel Celeron N2920 @ 1.86GHz	1514	2006	NA	NA
Intel Celeron N2930 @ 1.83GHz	1658	1938	NA	NA
Intel Celeron N2940 @ 1.83GHz	1722	1889	NA	NA
Intel Celeron N3000 @ 1.04GHz	899	2355	NA	NA
Intel Celeron N3010 @ 1.04GHz	973	2302	NA	NA
Intel Celeron N3050 @ 1.60GHz	879	2360	5.81	$151.37

Intel Celeron N3060 @ 1.60GHz	986	2296	NA	NA
Intel Celeron N3150 @ 1.60GHz	1665	1931	NA	NA
Intel Celeron N3160 @ 1.60GHz	1664	1934	5.56	$299.18
Intel Celeron N3350 @ 1.10GHz	1111	2216	NA	NA
Intel Celeron N3450 @ 1.10GHz	1850	1832	11.72	$157.85
Intel Celeron N4000 @ 1.10GHz	1435	2040	13.41	$107.00*
Intel Celeron N4100 @ 1.10GHz	2273	1645	21.24	$107.00*
Intel Celeron P4500 @ 1.87GHz	1116	2212	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2291	NA	NA
Intel Celeron P4600 @ 2.00GHz	1328	2092	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2410	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2322	47.54	$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2250	35.29	$29.99*
Intel Celeron U1900 @ 1.99GHz	1704	1906	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2433	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2453	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2398	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2253	6.57	$159.95*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2196	23.15	$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1271	2132	17.85	$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1384	2061	8.77	$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	2022	54.88	$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1108	2221	85.33	$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2178	23.72	$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1289	2116	43.04	$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1360	2076	27.21	$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	2033	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	2014	100.23	$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1554	1985	103.73	$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1914	56.46	$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1712	1897	166.25	$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1945	1783	38.92	$49.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E7200 @ 2.53GHz	1626	1954	33.19	$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1726	1888	43.30	$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1769	1868	61.03	$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1874	1822	125.02	$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1963	1773	16.37	$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1490	2017	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1761	1870	NA	NA

Intel Core2 Duo E8200 @ 2.66GHz	1882	1818	37.66	$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1776	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1613	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1990	1760	99.58	$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1833	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1704	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2148	1695	47.23	$45.50*
Intel Core2 Duo E8435 @ 3.06GHz	2097	1715	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2281	1638	57.06	$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2398	1595	56.51	$42.45*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1674	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2415	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2454	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2389	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2378	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	959	2315	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2303	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2211	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1080	2241	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1346	2081	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	2115	64.51	$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1307	2103	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	2047	35.42	$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2329	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	2001	6.60	$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1455	2029	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2267	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1453	2032	4.89	$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1993	31.25	$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1955	42.76	$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1739	1883	30.53	$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1982	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1753	1877	1.75	$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1754	1876	17.72	$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1866	1824	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2015	1753	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2499	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1251	2144	4.95	$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1680	1920	5.92	$284.00*

Intel Core2 Duo SU9400 @ 1.40GHz	925	2340	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	833	2384	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	839	2382	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core2 Duo T5270 @ 1.40GHz	813	2394	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	932	2335	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2347	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2351	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2343	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1039	2258	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2262	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2292	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1092	2230	109.39	$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1114	2213	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1201	2170	75.58	$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1148	2201	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2162	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2155	81.80	$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1285	2119	85.79	$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1259	2137	32.71	$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1359	2077	71.92	$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1358	2078	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1020	2270	46.39	$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	2189	11.68	$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1114	2214	5.53	$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1193	2172	38.52	$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1250	2146	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1271	2131	29.58	$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1378	2067	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1424	2045	10.18	$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1597	1969	2.63	$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1298	2109	1.30	$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1470	2025	13.50	$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1673	1924	28.86	$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1739	1884	38.71	$44.95*
Intel Core2 Duo T9500 @ 2.60GHz	1793	1861	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1806	1855	6.04	$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1793	21.43	$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2016	1752	4.76	$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2136	1697	5.36	$398.95*

Intel Core2 Duo U7300 @ 1.30GHz	874	2363	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2497	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	669	2461	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2447	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	855	2374	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1129	2209	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1916	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1196	3.25	$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3632	1198	2.43	$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1246	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1875	1821	7.11	$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1858	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2090	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core2 Extreme X7900 @ 2.80GHz	1678	1921	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1810	4.62	$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2072	1726	2.44	$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4156	1083	4.83	$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	1014	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	986	2.87	$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	980	2.57	$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2947	1403	73.72	$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3281	1290	72.93	$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2808	1454	122.17	$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2980	1391	59.62	$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3161	1332	13.17	$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2525	1546	6.49	$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1302	8.40	$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3154	1336	15.81	$199.50*
Intel Core2 Quad Q9400 @ 2.66GHz	3338	1278	69.51	$48.03*
Intel Core2 Quad Q9450 @ 2.66GHz	3757	1169	105.25	$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3521	1229	100.63	$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3528	1224	18.57	$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3962	1122	89.07	$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4156	1082	29.70	$139.95
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1125	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2712	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2762	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2640	NA	NA

Intel Core2 Solo U3500 @ 1.40GHz	464	2587	NA	NA
Intel Core 330 @ 1.60GHz	643	2472	NA	NA
Intel Core 860 @ 2.80GHz	4555	999	26.96	$169.00*
Intel Core Duo L2300 @ 1.50GHz	719	2436	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2444	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2423	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2450	NA	NA
Intel Core Duo T2250 @ 1.73GHz	754	2419	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2431	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2414	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2405	49.63	$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2388	NA	NA
Intel Core Duo T2500 @ 2.00GHz	862	2366	7.19	$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2330	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2265	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2522	NA	NA
Intel Core Duo U2500 @ 1.20GHz	507	2550	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1787	NA	NA
Intel Core i3-330M @ 2.13GHz	1785	1863	11.16	$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2244	NA	NA
Intel Core i3-350M @ 2.27GHz	1892	1812	112.98	$16.75
Intel Core i3-370M @ 2.40GHz	2015	1754	50.43	$39.96*
Intel Core i3-380M @ 2.53GHz	2093	1717	34.92	$59.95
Intel Core i3-380UM @ 1.33GHz	1159	2194	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i3-390M @ 2.67GHz	2172	1684	55.78	$38.95*
Intel Core i3-530 @ 2.93GHz	2565	1532	23.75	$108.00
Intel Core i3-540 @ 3.07GHz	2686	1492	20.67	$129.99
Intel Core i3-550 @ 3.20GHz	2829	1445	16.10	$175.74
Intel Core i3-560 @ 3.33GHz	2933	1407	16.30	$179.95*
Intel Core i3-1005G1 @ 1.20GHz	5651	803	20.11	$281.00*
Intel Core i3-2100 @ 3.10GHz	3691	1188	67.14	$54.99
Intel Core i3-2100T @ 2.50GHz	2980	1390	49.68	$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1176	64.41	$58.00*
Intel Core i3-2105 @ 3.10GHz	3712	1183	32.29	$114.99*
Intel Core i3-2120 @ 3.30GHz	3931	1132	56.16	$70.00
Intel Core i3-2120T @ 2.60GHz	3155	1334	126.28	$24.99
Intel Core i3-2125 @ 3.30GHz	4015	1107	19.40	$207.00*
Intel Core i3-2130 @ 3.40GHz	4078	1098	81.60	$49.98
Intel Core i3-2140 @ 3.50GHz	4325	1051	NA	NA

Intel Core i3-2310E @ 2.10GHz	2839	1440	12.62	$225.00*
Intel Core i3-2310M @ 2.10GHz	2433	1582	62.69	$38.81
Intel Core i3-2312M @ 2.10GHz	2374	1605	NA	NA
Intel Core i3-2328M @ 2.20GHz	2544	1540	27.37	$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1362	NA	NA
Intel Core i3-2330M @ 2.20GHz	2527	1544	50.59	$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1602	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1891	NA	NA
Intel Core i3-2348M @ 2.30GHz	2621	1511	NA	NA
Intel Core i3-2350M @ 2.30GHz	2630	1508	82.53	$31.88
Intel Core i3-2357M @ 1.30GHz	1556	1984	NA	NA
Intel Core i3-2365M @ 1.40GHz	1681	1919	NA	NA
Intel Core i3-2367M @ 1.40GHz	1708	1903	NA	NA
Intel Core i3-2370M @ 2.40GHz	2778	1463	69.79	$39.81*
Intel Core i3-2375M @ 1.50GHz	1771	1866	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1847	NA	NA
Intel Core i3-3110M @ 2.40GHz	3081	1358	38.55	$79.95*
Intel Core i3-3120M @ 2.50GHz	3224	1308	29.32	$110.00*
Intel Core i3-3130M @ 2.60GHz	3384	1264	NA	NA
Intel Core i3-3210 @ 3.20GHz	4044	1102	20.32	$199.00
Intel Core i3-3217U @ 1.80GHz	2303	1629	10.02	$229.99
Intel Core i3-3217UE @ 1.60GHz	2162	1689	NA	NA
Intel Core i3-3220 @ 3.30GHz	4246	1067	77.22	$54.99
Intel Core i3-3220T @ 2.80GHz	3695	1185	29.57	$125.00
Intel Core i3-3225 @ 3.30GHz	4346	1044	13.37	$324.99
Intel Core i3-3227U @ 1.90GHz	2466	1570	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1909	NA	NA
Intel Core i3-3240 @ 3.40GHz	4319	1054	86.39	$50.00
Intel Core i3-3240T @ 2.90GHz	3666	1193	NA	NA
Intel Core i3-3245 @ 3.40GHz	4463	1020	25.95	$172.01*
Intel Core i3-3250 @ 3.50GHz	4458	1021	46.93	$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1201	NA	NA
Intel Core i3-4000M @ 2.40GHz	3256	1296	16.29	$199.95*
Intel Core i3-4005U @ 1.70GHz	2445	1579	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i3-4010U @ 1.70GHz	2441	1580	16.28	$149.99
Intel Core i3-4010Y @ 1.30GHz	1900	1807	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2157	1693	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2213	1673	NA	NA

Intel Core i3-4025U @ 1.90GHz	2789	1461	NA	NA
Intel Core i3-4030U @ 1.90GHz	2716	1484	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1556	NA	NA
Intel Core i3-4100M @ 2.50GHz	3432	1251	15.71	$218.57*
Intel Core i3-4110M @ 2.60GHz	3854	1141	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1423	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1370	NA	NA
Intel Core i3-4130 @ 3.40GHz	4803	952	53.38	$89.99
Intel Core i3-4130T @ 2.90GHz	4148	1085	46.62	$88.99*
Intel Core i3-4150 @ 3.50GHz	4899	933	49.49	$99.00
Intel Core i3-4150T @ 3.00GHz	4227	1068	18.39	$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1414	NA	NA
Intel Core i3-4160 @ 3.60GHz	5048	903	56.10	$89.99
Intel Core i3-4160T @ 3.10GHz	4451	1024	29.68	$149.99*
Intel Core i3-4170 @ 3.70GHz	5191	878	19.46	$266.79
Intel Core i3-4170T @ 3.20GHz	4545	1006	21.65	$209.95*
Intel Core i3-4330 @ 3.50GHz	5086	891	15.49	$328.39
Intel Core i3-4330T @ 3.00GHz	4485	1018	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1314	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	870	30.84	$169.99*
Intel Core i3-4350 @ 3.60GHz	4990	916	29.36	$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	1058	NA	NA
Intel Core i3-4360 @ 3.70GHz	5463	836	21.09	$259.00*
Intel Core i3-4360T @ 3.20GHz	4636	981	NA	NA
Intel Core i3-4370 @ 3.80GHz	5615	808	18.17	$309.00*
Intel Core i3-4370T @ 3.30GHz	4870	937	35.29	$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	925	NA	NA
Intel Core i3-5005U @ 2.00GHz	2902	1421	NA	NA
Intel Core i3-5010U @ 2.10GHz	3057	1367	9.05	$337.76*
Intel Core i3-5015U @ 2.10GHz	2991	1388	NA	NA
Intel Core i3-5020U @ 2.20GHz	3201	1313	6.98	$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	1192	NA	NA
Intel Core i3-6006U @ 2.00GHz	3081	1359	NA	NA
Intel Core i3-6098P @ 3.60GHz	5387	846	40.28	$133.74*
Intel Core i3-6100 @ 3.70GHz	5483	828	42.51	$128.99
Intel Core i3-6100E @ 2.70GHz	3769	1162	NA	NA
Intel Core i3-6100H @ 2.70GHz	4219	1073	NA	NA
Intel Core i3-6100T @ 3.20GHz	4849	946	35.92	$134.99*
Intel Core i3-6100TE @ 2.70GHz	4304	1057	NA	NA
Intel Core i3-6100U @ 2.30GHz	3607	1204	7.00	$515.00*

Intel Core i3-6102E @ 1.90GHz	3196	1317	14.20	$225.00*
Intel Core i3-6157U @ 2.40GHz	3835	1148	NA	NA
Intel Core i3-6300 @ 3.80GHz	5844	781	33.98	$171.99
Intel Core i3-6300T @ 3.30GHz	5247	869	33.86	$154.99*
Intel Core i3-6320 @ 3.90GHz	6046	763	13.65	$443.00
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i3-7020U @ 2.30GHz	3526	1226	12.55	$281.00*
Intel Core i3-7100 @ 3.90GHz	5781	786	42.06	$137.46
Intel Core i3-7100H @ 3.00GHz	4627	985	20.57	$225.00*
Intel Core i3-7100T @ 3.40GHz	5049	901	34.65	$145.71
Intel Core i3-7100U @ 2.40GHz	3764	1166	9.89	$380.64*
Intel Core i3-7101TE @ 3.40GHz	5189	879	44.36	$117.00*
Intel Core i3-7102E @ 2.10GHz	3266	1293	14.52	$225.00*
Intel Core i3-7130U @ 2.70GHz	4062	1100	8.83	$459.99*
Intel Core i3-7167U @ 2.80GHz	4757	961	NA	NA
Intel Core i3-7300 @ 4.00GHz	6328	730	36.83	$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	850	29.57	$181.59*
Intel Core i3-7320 @ 4.10GHz	6417	722	35.12	$182.72*
Intel Core i3-7350K @ 4.20GHz	6599	705	32.15	$205.29
Intel Core i3-8100 @ 3.60GHz	8008	560	51.75	$154.74
Intel Core i3-8100B @ 3.60GHz	8544	509	64.24	$133.00*
Intel Core i3-8100T @ 3.10GHz	7314	632	56.70	$129.00*
Intel Core i3-8109U @ 3.00GHz	6130	750	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	953	NA	NA
Intel Core i3-8130U @ 2.20GHz	5022	909	17.87	$281.00*
Intel Core i3-8145U @ 2.10GHz	5550	822	19.75	$281.00*
Intel Core i3-8300 @ 3.70GHz	8704	493	54.41	$159.99
Intel Core i3-8300T @ 3.20GHz	8032	556	47.11	$170.49*
Intel Core i3-8350K @ 4.00GHz	9238	435	49.94	$184.99*
Intel Core i3-9100 @ 3.60GHz	9042	458	51.67	$175.00
Intel Core i3-9100F @ 3.60GHz	8932	475	89.34	$99.99
Intel Core i3-9100T @ 3.10GHz	7586	606	62.19	$122.00*
Intel Core i3-9300 @ 3.70GHz	10018	357	65.91	$152.00*
Intel Core i3-9300T @ 3.20GHz	8777	487	61.38	$143.00*
Intel Core i3-9320 @ 3.70GHz	10144	347	62.62	$162.00*
Intel Core i3-9350KF @ 4.00GHz	10564	320	57.22	$184.64
Intel Core i3-10110U @ 2.10GHz	5930	771	NA	NA
Intel Core i3-21050 @ 3.10GHz	3862	1140	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1680	21.97	$99.99*

Intel Core i5 E 520 @ 2.40GHz	2486	1566	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3538	1221	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3676	1190	NA	NA
Intel Core i5-430M @ 2.27GHz	2094	1716	14.97	$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	2086	NA	NA
Intel Core i5-450M @ 2.40GHz	2132	1700	66.75	$31.95*
Intel Core i5-460M @ 2.53GHz	2321	1618	30.97	$74.95*
Intel Core i5-470UM @ 1.33GHz	1079	2242	NA	NA
Intel Core i5-480M @ 2.67GHz	2400	1594	29.78	$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1660	NA	NA
Intel Core i5-520M @ 2.40GHz	2366	1607	79.39	$29.81
Intel Core i5-520UM @ 1.07GHz	1345	2083	NA	NA
Intel Core i5-540M @ 2.53GHz	2452	1576	12.91	$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	2068	NA	NA
Intel Core i5-560M @ 2.67GHz	2579	1525	31.47	$81.97*
Intel Core i5-560UM @ 1.33GHz	1664	1933	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	2581	1524	23.47	$109.95*
Intel Core i5-650 @ 3.20GHz	3097	1353	75.58	$40.98
Intel Core i5-655K @ 3.20GHz	3386	1263	56.45	$59.99*
Intel Core i5-660 @ 3.33GHz	3245	1300	91.43	$35.50*
Intel Core i5-661 @ 3.33GHz	3194	1318	13.89	$229.99*
Intel Core i5-670 @ 3.47GHz	3309	1284	11.86	$279.00*
Intel Core i5-680 @ 3.60GHz	3513	1231	39.04	$89.99*
Intel Core i5-750 @ 2.67GHz	3720	1179	84.71	$43.92
Intel Core i5-760 @ 2.80GHz	3937	1130	29.16	$135.00
Intel Core i5-1035G1 @ 1.00GHz	9005	460	30.32	$297.00*
Intel Core i5-2300 @ 2.80GHz	5366	851	67.09	$79.99*
Intel Core i5-2310 @ 2.90GHz	5534	825	29.71	$186.33*
Intel Core i5-2320 @ 3.00GHz	5774	790	62.09	$93.00
Intel Core i5-2380P @ 3.10GHz	5762	792	32.01	$180.00*
Intel Core i5-2390T @ 2.70GHz	4223	1071	42.27	$99.90*
Intel Core i5-2400 @ 3.10GHz	5971	765	101.02	$59.11
Intel Core i5-2400S @ 2.50GHz	4992	915	27.43	$182.00
Intel Core i5-2405S @ 2.50GHz	5082	893	24.44	$208.00*
Intel Core i5-2410M @ 2.30GHz	3170	1326	44.03	$72.00*
Intel Core i5-2415M @ 2.30GHz	3303	1286	NA	NA
Intel Core i5-2430M @ 2.40GHz	3287	1289	36.93	$89.02*
Intel Core i5-2435M @ 2.40GHz	3232	1304	NA	NA
Intel Core i5-2450M @ 2.50GHz	3401	1256	40.48	$84.02

Intel Core i5-2450P @ 3.20GHz	6149	746	68.34	$89.99*
Intel Core i5-2467M @ 1.60GHz	2319	1620	NA	NA
Intel Core i5-2500 @ 3.30GHz	6352	727	115.50	$55.00
Intel Core i5-2500K @ 3.30GHz	6487	714	14.94	$434.26*
Intel Core i5-2500S @ 2.70GHz	5386	847	71.84	$74.99*
Intel Core i5-2500T @ 2.30GHz	4647	979	51.64	$89.99*
Intel Core i5-2510E @ 2.50GHz	3483	1239	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1283	NA	NA
Intel Core i5-2520M @ 2.50GHz	3592	1207	21.18	$169.60*
Intel Core i5-2537M @ 1.40GHz	2064	1732	NA	NA
Intel Core i5-2540M @ 2.60GHz	3781	1160	65.18	$58.02
Intel Core i5-2550K @ 3.40GHz	6672	697	35.12	$190.00*
Intel Core i5-2557M @ 1.70GHz	2691	1490	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1170	NA	NA
Intel Core i5-3210M @ 2.50GHz	3828	1150	56.10	$68.24*
Intel Core i5-3230M @ 2.60GHz	3943	1128	17.39	$226.77*
Intel Core i5-3317U @ 1.70GHz	3091	1355	13.74	$225.00*
Intel Core i5-3320M @ 2.60GHz	4132	1088	59.20	$69.81
Intel Core i5-3330 @ 3.00GHz	5952	768	29.76	$200.00*
Intel Core i5-3330S @ 2.70GHz	5678	800	59.78	$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	785	NA	NA
Intel Core i5-3337U @ 1.80GHz	3229	1306	14.35	$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1671	NA	NA
Intel Core i5-3340 @ 3.10GHz	6100	753	20.82	$293.01*
Intel Core i5-3340M @ 2.70GHz	4249	1066	53.15	$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	780	38.98	$149.99*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i5-3350P @ 3.10GHz	6153	745	41.03	$149.99*
Intel Core i5-3360M @ 2.80GHz	4439	1027	47.83	$92.81*
Intel Core i5-3380M @ 2.90GHz	4446	1025	NA	NA
Intel Core i5-3427U @ 1.80GHz	3546	1217	8.44	$420.05*
Intel Core i5-3437U @ 1.90GHz	3626	1199	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1410	NA	NA
Intel Core i5-3450 @ 3.10GHz	6537	711	29.80	$219.33*
Intel Core i5-3450S @ 2.80GHz	6229	736	42.96	$145.01*
Intel Core i5-3470 @ 3.20GHz	6723	693	90.89	$73.97
Intel Core i5-3470S @ 2.90GHz	6388	724	48.95	$130.53
Intel Core i5-3470T @ 2.90GHz	4491	1016	14.54	$308.95*
Intel Core i5-3475S @ 2.90GHz	6618	704	46.12	$143.50*

Intel Core i5-3550 @ 3.30GHz	6965	666	69.66	$99.99*
Intel Core i5-3550S @ 3.00GHz	6916	672	20.96	$329.95*
Intel Core i5-3570 @ 3.40GHz	7140	649	89.26	$79.99
Intel Core i5-3570K @ 3.40GHz	7186	645	51.34	$139.99
Intel Core i5-3570S @ 3.10GHz	6755	687	23.70	$285.00*
Intel Core i5-3570T @ 2.30GHz	5914	772	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3898	1136	NA	NA
Intel Core i5-4200H @ 2.80GHz	4457	1022	NA	NA
Intel Core i5-4200M @ 2.50GHz	4036	1103	49.76	$81.12*
Intel Core i5-4200U @ 1.60GHz	3280	1291	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1591	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2262	1650	NA	NA
Intel Core i5-4210H @ 2.90GHz	4535	1008	NA	NA
Intel Core i5-4210M @ 2.60GHz	4207	1075	13.58	$309.95*
Intel Core i5-4210U @ 1.70GHz	3402	1255	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2375	1604	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1628	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1422	NA	NA
Intel Core i5-4250U @ 1.30GHz	3376	1266	9.41	$359.00*
Intel Core i5-4258U @ 2.40GHz	4090	1095	NA	NA
Intel Core i5-4260U @ 1.40GHz	3577	1212	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	1040	NA	NA
Intel Core i5-4288U @ 2.60GHz	4309	1056	NA	NA
Intel Core i5-4300M @ 2.60GHz	4442	1026	NA	NA
Intel Core i5-4300U @ 1.90GHz	3741	1174	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2505	1557	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1394	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	1072	NA	NA
Intel Core i5-4310M @ 2.70GHz	4655	976	NA	NA
Intel Core i5-4310U @ 2.00GHz	3783	1159	NA	NA
Intel Core i5-4330M @ 2.80GHz	4551	1002	16.55	$274.99*
Intel Core i5-4340M @ 2.90GHz	4861	943	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1202	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	1005	17.10	$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1126	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1455	10.55	$266.00*
Intel Core i5-4430 @ 3.00GHz	6339	728	39.62	$159.99
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i5-4430S @ 2.70GHz	5948	769	37.18	$159.99*
Intel Core i5-4440 @ 3.10GHz	6518	712	13.12	$497.00*

Intel Core i5-4440S @ 2.80GHz	6256	733	13.51	$462.97*
Intel Core i5-4460 @ 3.20GHz	6723	692	29.75	$226.01
Intel Core i5-4460S @ 2.90GHz	6430	719	9.74	$659.99*
Intel Core i5-4460T @ 1.90GHz	4971	920	NA	NA
Intel Core i5-4570 @ 3.20GHz	7153	647	103.68	$69.00
Intel Core i5-4570R @ 2.70GHz	6761	685	NA	NA
Intel Core i5-4570S @ 2.90GHz	6831	678	48.80	$139.99
Intel Core i5-4570T @ 2.90GHz	4817	948	22.94	$209.95
Intel Core i5-4570TE @ 2.70GHz	3827	1151	19.14	$199.99*
Intel Core i5-4590 @ 3.30GHz	7340	630	61.17	$119.99
Intel Core i5-4590S @ 3.00GHz	7070	655	58.92	$119.99
Intel Core i5-4590T @ 2.00GHz	5624	805	26.79	$209.95*
Intel Core i5-4670 @ 3.40GHz	7471	617	32.21	$232.00*
Intel Core i5-4670K @ 3.40GHz	7636	604	26.33	$289.99
Intel Core i5-4670K CPT @ 3.40GHz	7411	625	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	623	26.88	$276.00*
Intel Core i5-4670S @ 3.10GHz	7407	626	34.78	$213.00*
Intel Core i5-4670T @ 2.30GHz	6155	744	23.76	$259.02*
Intel Core i5-4690 @ 3.50GHz	7691	597	29.77	$258.35
Intel Core i5-4690K @ 3.50GHz	7799	584	46.15	$169.00
Intel Core i5-4690S @ 3.20GHz	7426	622	20.67	$359.21*
Intel Core i5-4690T @ 2.50GHz	6547	709	NA	NA
Intel Core i5-5200U @ 2.20GHz	3496	1236	NA	NA
Intel Core i5-5250U @ 1.60GHz	3588	1210	8.12	$441.89*
Intel Core i5-5257U @ 2.70GHz	4409	1033	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	969	NA	NA
Intel Core i5-5300U @ 2.30GHz	3838	1146	7.06	$543.39*
Intel Core i5-5350U @ 1.80GHz	3520	1230	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	615	NA	NA
Intel Core i5-5675C @ 3.10GHz	8135	545	26.25	$309.95*
Intel Core i5-5675R @ 3.10GHz	7991	563	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4149	1084	NA	NA
Intel Core i5-6200U @ 2.30GHz	4009	1108	NA	NA
Intel Core i5-6260U @ 1.80GHz	4360	1043	8.40	$518.99*
Intel Core i5-6267U @ 2.90GHz	4888	934	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	962	15.63	$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6094	757	NA	NA
Intel Core i5-6300U @ 2.40GHz	4365	1041	NA	NA
Intel Core i5-6360U @ 2.00GHz	4686	972	NA	NA

Intel Core i5-6400 @ 2.70GHz	6755	688	29.52	$228.83*
Intel Core i5-6400T @ 2.20GHz	5612	810	21.59	$259.95*
Intel Core i5-6402P @ 2.80GHz	7102	651	37.38	$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	737	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6825	679	NA	NA
Intel Core i5-6500 @ 3.20GHz	7246	638	45.04	$160.89
Intel Core i5-6500T @ 2.50GHz	6301	731	43.46	$144.99*
Intel Core i5-6500TE @ 2.30GHz	6580	707	31.34	$209.99
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i5-6600 @ 3.30GHz	7772	587	29.65	$262.13*
Intel Core i5-6600K @ 3.50GHz	8059	550	30.63	$263.11*
Intel Core i5-6600T @ 2.70GHz	7273	635	24.25	$299.95*
Intel Core i5-7200U @ 2.50GHz	4564	998	NA	NA
Intel Core i5-7260U @ 2.20GHz	5638	804	9.40	$600.00
Intel Core i5-7267U @ 3.10GHz	4999	913	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	802	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6718	694	NA	NA
Intel Core i5-7300U @ 2.60GHz	5161	882	10.75	$479.99
Intel Core i5-7360U @ 2.30GHz	5855	777	NA	NA
Intel Core i5-7400 @ 3.00GHz	7237	640	34.83	$207.81
Intel Core i5-7400T @ 2.40GHz	6336	729	29.43	$215.27
Intel Core i5-7440HQ @ 2.80GHz	7641	603	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	5901	774	23.60	$250.00*
Intel Core i5-7500 @ 3.40GHz	7940	570	39.23	$202.39
Intel Core i5-7500T @ 2.70GHz	6950	669	24.83	$279.95*
Intel Core i5-7600 @ 3.50GHz	8645	500	33.05	$261.56
Intel Core i5-7600K @ 3.80GHz	9049	456	33.78	$267.89
Intel Core i5-7600T @ 2.80GHz	7983	566	31.52	$253.27
Intel Core i5-7640X @ 4.00GHz	9472	410	39.14	$242.00
Intel Core i5-8200Y @ 1.30GHz	4339	1047	14.91	$291.00*
Intel Core i5-8210Y @ 1.60GHz	4227	1069	NA	NA
Intel Core i5-8250U @ 1.60GHz	7656	601	NA	NA
Intel Core i5-8259U @ 2.30GHz	10995	291	14.18	$775.35
Intel Core i5-8265U @ 1.60GHz	8019	559	27.00	$297.00*
Intel Core i5-8265UC @ 1.60GHz	7780	586	NA	NA
Intel Core i5-8279U @ 2.40GHz	10623	315	33.20	$320.00*
Intel Core i5-8300H @ 2.30GHz	9467	413	37.87	$250.00*
Intel Core i5-8305G @ 2.80GHz	8947	474	NA	NA
Intel Core i5-8350U @ 1.70GHz	8144	544	27.42	$297.00*
Intel Core i5-8365U @ 1.60GHz	8435	519	28.40	$297.00*

Intel Core i5-8400 @ 2.80GHz	11571	272	57.86	$199.99
Intel Core i5-8400H @ 2.50GHz	10408	328	41.63	$250.00*
Intel Core i5-8400T @ 1.70GHz	9503	407	47.76	$199.00
Intel Core i5-8500 @ 3.00GHz	11806	267	53.72	$219.78
Intel Core i5-8500B @ 3.00GHz	12756	238	66.44	$192.00*
Intel Core i5-8500T @ 2.10GHz	9998	362	42.66	$234.36*
Intel Core i5-8600 @ 3.10GHz	12477	247	45.01	$277.21*
Intel Core i5-8600K @ 3.60GHz	12678	242	44.19	$286.93
Intel Core i5-8600T @ 2.30GHz	10981	293	29.92	$366.99*
Intel Core i5-9300H @ 2.40GHz	9721	392	38.88	$250.00*
Intel Core i5-9400 @ 2.90GHz	11947	265	62.89	$189.99
Intel Core i5-9400F @ 2.90GHz	12113	261	83.54	$144.99
Intel Core i5-9400H @ 2.50GHz	10276	337	41.11	$250.00*
Intel Core i5-9400T @ 1.80GHz	10606	318	NA	NA
Intel Core i5-9500 @ 3.00GHz	11083	286	42.84	$258.73
Intel Core i5-9500F @ 3.00GHz	13225	225	65.47	$202.00*
Intel Core i5-9500T @ 2.20GHz	10604	319	55.23	$192.00*
Intel Core i5-9600 @ 3.10GHz	13706	207	61.19	$224.00*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i5-9600K @ 3.70GHz	13488	218	56.20	$239.99
Intel Core i5-9600KF @ 3.70GHz	13391	221	55.80	$239.99
Intel Core i5-10210U @ 1.60GHz	8990	462	30.27	$297.00*
Intel Core i5-24050S @ 2.50GHz	4928	928	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3738	1175	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1771	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1539	NA	NA
Intel Core i7-620LM @ 2.00GHz	1954	1778	NA	NA
Intel Core i7-620M @ 2.67GHz	2719	1482	24.72	$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	2095	NA	NA
Intel Core i7-640LM @ 2.13GHz	2245	1659	NA	NA
Intel Core i7-640M @ 2.80GHz	2827	1446	14.14	$199.95*
Intel Core i7-640UM @ 1.20GHz	1638	1946	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1881	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1898	NA	NA
Intel Core i7-720QM @ 1.60GHz	3008	1379	27.37	$109.95*
Intel Core i7-740QM @ 1.73GHz	3190	1320	19.95	$159.95*
Intel Core i7-820QM @ 1.73GHz	3219	1311	13.42	$239.95*
Intel Core i7-840QM @ 1.87GHz	3411	1254	11.76	$289.97*
Intel Core i7-860 @ 2.80GHz	5026	907	17.33	$289.95*

Intel Core i7-860S @ 2.53GHz	4919	929	24.60	$199.99*
Intel Core i7-870 @ 2.93GHz	5341	855	56.02	$95.35
Intel Core i7-870S @ 2.67GHz	4849	945	NA	NA
Intel Core i7-875K @ 2.93GHz	5421	839	16.90	$320.76
Intel Core i7-880 @ 3.07GHz	5505	827	9.44	$583.00*
Intel Core i7-920 @ 2.67GHz	4914	930	119.87	$41.00
Intel Core i7-920XM @ 2.00GHz	3724	1178	9.31	$399.95*
Intel Core i7-930 @ 2.80GHz	5132	885	46.67	$109.99
Intel Core i7-940 @ 2.93GHz	5332	856	51.28	$103.99*
Intel Core i7-940XM @ 2.13GHz	3967	1117	NA	NA
Intel Core i7-950 @ 3.07GHz	5540	823	135.17	$40.99
Intel Core i7-960 @ 3.20GHz	5798	783	20.71	$280.00*
Intel Core i7-965 @ 3.20GHz	5850	779	41.79	$139.99*
Intel Core i7-970 @ 3.20GHz	8360	526	16.72	$499.95*
Intel Core i7-975 @ 3.33GHz	6118	751	15.15	$403.90*
Intel Core i7-980 @ 3.33GHz	8593	506	42.97	$199.98*
Intel Core i7-980X @ 3.33GHz	8748	492	9.61	$909.99
Intel Core i7-985 @ 3.47GHz	6641	701	NA	NA
Intel Core i7-990X @ 3.47GHz	9058	454	25.88	$349.99*
Intel Core i7-995X @ 3.60GHz	9791	383	NA	NA
Intel Core i7-1065G7 @ 1.30GHz	10846	304	NA	NA
Intel Core i7-2600 @ 3.40GHz	8185	541	68.22	$119.99
Intel Core i7-2600K @ 3.40GHz	8436	518	57.01	$148.00
Intel Core i7-2600S @ 2.80GHz	7091	653	67.46	$105.12
Intel Core i7-2610UE @ 1.50GHz	2481	1568	NA	NA
Intel Core i7-2617M @ 1.50GHz	2812	1452	NA	NA
Intel Core i7-2620M @ 2.70GHz	3840	1145	22.62	$169.81*
Intel Core i7-2630QM @ 2.00GHz	5520	826	53.69	$102.81
Intel Core i7-2630UM @ 1.60GHz	2584	1523	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i7-2635QM @ 2.00GHz	5478	830	NA	NA
Intel Core i7-2637M @ 1.70GHz	2900	1425	NA	NA
Intel Core i7-2640M @ 2.80GHz	3924	1133	32.72	$119.95*
Intel Core i7-2655LE @ 2.20GHz	3229	1305	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5878	776	42.48	$138.40*
Intel Core i7-2675QM @ 2.20GHz	5537	824	NA	NA
Intel Core i7-2677M @ 1.80GHz	2833	1443	NA	NA
Intel Core i7-2700K @ 3.50GHz	8693	496	28.41	$305.99
Intel Core i7-2710QE @ 2.10GHz	5768	791	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	852	NA	NA

Intel Core i7-2720QM @ 2.20GHz	6099	755	32.11	$189.95*
Intel Core i7-2760QM @ 2.40GHz	6556	708	31.23	$209.95*
Intel Core i7-2820QM @ 2.30GHz	6646	700	34.80	$191.02*
Intel Core i7-2840QM @ 2.40GHz	6766	684	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6956	667	12.86	$541.00*
Intel Core i7-2920XM @ 2.50GHz	6998	660	15.89	$440.44*
Intel Core i7-2960XM @ 2.70GHz	7224	642	17.62	$409.95*
Intel Core i7-3517U @ 1.90GHz	3544	1218	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3150	1339	NA	NA
Intel Core i7-3520M @ 2.90GHz	4548	1004	34.45	$132.02*
Intel Core i7-3537U @ 2.00GHz	3809	1156	NA	NA
Intel Core i7-3540M @ 3.00GHz	4666	973	10.85	$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1118	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	710	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7457	619	18.64	$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	695	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6817	680	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	618	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7389	628	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7581	607	31.72	$239.00*
Intel Core i7-3632QM @ 2.20GHz	6928	671	30.13	$229.95*
Intel Core i7-3635QM @ 2.40GHz	6671	698	NA	NA
Intel Core i7-3667U @ 2.00GHz	3978	1115	NA	NA
Intel Core i7-3687U @ 2.10GHz	4137	1086	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1309	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8124	547	22.38	$363.00*
Intel Core i7-3740QM @ 2.70GHz	8310	531	34.63	$239.95*
Intel Core i7-3770 @ 3.40GHz	9278	432	77.32	$120.00
Intel Core i7-3770K @ 3.50GHz	9515	406	47.58	$199.99
Intel Core i7-3770S @ 3.10GHz	8902	480	59.48	$149.68
Intel Core i7-3770T @ 2.50GHz	8204	539	24.86	$329.99*
Intel Core i7-3820 @ 3.60GHz	8989	463	43.66	$205.91
Intel Core i7-3820QM @ 2.70GHz	8403	522	29.49	$285.00*
Intel Core i7-3840QM @ 2.80GHz	8763	490	30.32	$289.05
Intel Core i7-3920XM @ 2.90GHz	8979	467	8.19	$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11976	264	52.07	$229.99
Intel Core i7-3940XM @ 3.00GHz	9160	441	17.00	$539.00*
Intel Core i7-3960X @ 3.30GHz	12577	244	13.82	$909.99*
Intel Core i7-3970X @ 3.50GHz	12696	241	24.90	$509.94*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4500U @ 1.80GHz	3787	1158	NA	NA
Intel Core i7-4510U @ 2.00GHz	3916	1135	NA	NA
Intel Core i7-4550U @ 1.50GHz	3676	1191	NA	NA
Intel Core i7-4558U @ 2.80GHz	4401	1034	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	1049	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	955	NA	NA
Intel Core i7-4600M @ 2.90GHz	4900	932	NA	NA
Intel Core i7-4600U @ 2.10GHz	4104	1094	NA	NA
Intel Core i7-4610M @ 3.00GHz	4913	931	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1173	NA	NA
Intel Core i7-4650U @ 1.70GHz	3950	1124	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7203	643	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7734	593	20.19	$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7689	598	40.69	$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7413	624	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7130	650	30.09	$237.01
Intel Core i7-4710HQ @ 2.50GHz	7721	595	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7987	565	29.41	$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7533	612	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7197	644	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7990	564	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8093	549	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8202	540	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8793	485	NA	NA
Intel Core i7-4765T @ 2.00GHz	7305	633	18.26	$399.99*
Intel Core i7-4770 @ 3.40GHz	9782	386	52.44	$186.54
Intel Core i7-4770HQ @ 2.20GHz	8961	468	NA	NA
Intel Core i7-4770K @ 3.50GHz	10076	354	24.58	$409.99
Intel Core i7-4770R @ 3.20GHz	9830	379	NA	NA
Intel Core i7-4770S @ 3.10GHz	9348	422	15.33	$610.00
Intel Core i7-4770T @ 2.50GHz	8604	504	21.51	$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	690	NA	NA
Intel Core i7-4771 @ 3.50GHz	9864	377	16.17	$609.99*
Intel Core i7-4785T @ 2.20GHz	7647	602	NA	NA
Intel Core i7-4790 @ 3.60GHz	9990	365	57.09	$174.99
Intel Core i7-4790K @ 4.00GHz	11165	282	39.88	$279.99
Intel Core i7-4790S @ 3.20GHz	9561	403	18.90	$506.00
Intel Core i7-4790T @ 2.70GHz	9068	450	25.26	$359.00*

Intel Core i7-4800MQ @ 2.70GHz	8444	515	41.39	$204.00*
Intel Core i7-4810MQ @ 2.80GHz	8656	499	45.57	$189.95*
Intel Core i7-4820K @ 3.70GHz	9722	391	44.19	$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9056	455	20.87	$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7899	573	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9289	431	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9349	421	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8986	465	15.32	$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9346	423	20.32	$459.95*
Intel Core i7-4930K @ 3.40GHz	13023	231	27.38	$475.58*
Intel Core i7-4930MX @ 3.00GHz	9444	417	8.62	$1,096.00*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i7-4940MX @ 3.10GHz	9794	382	13.80	$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9856	378	15.82	$623.00*
Intel Core i7-4960X @ 3.60GHz	13813	205	17.94	$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10296	336	NA	NA
Intel Core i7-5500U @ 2.40GHz	3979	1114	NA	NA
Intel Core i7-5550U @ 2.00GHz	3851	1144	NA	NA
Intel Core i7-5557U @ 3.10GHz	4952	923	7.03	$705.00*
Intel Core i7-5600U @ 2.60GHz	4326	1050	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	1070	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	542	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	536	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8347	529	NA	NA
Intel Core i7-5775C @ 3.30GHz	10869	302	15.84	$686.32*
Intel Core i7-5775R @ 3.30GHz	10879	301	NA	NA
Intel Core i7-5820K @ 3.30GHz	13012	232	45.03	$289.00*
Intel Core i7-5850EQ @ 2.70GHz	9817	381	22.57	$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	415	21.80	$434.00*
Intel Core i7-5930K @ 3.50GHz	13664	208	41.53	$329.00*
Intel Core i7-5950HQ @ 2.90GHz	10850	303	NA	NA
Intel Core i7-5960X @ 3.00GHz	15993	146	15.34	$1,042.93
Intel Core i7-6498DU @ 2.50GHz	4437	1028	NA	NA
Intel Core i7-6500U @ 2.50GHz	4424	1029	11.26	$393.00*
Intel Core i7-6560U @ 2.20GHz	4814	949	NA	NA
Intel Core i7-6567U @ 3.30GHz	5574	817	NA	NA
Intel Core i7-6600U @ 2.60GHz	4803	951	NA	NA
Intel Core i7-6650U @ 2.20GHz	4975	918	NA	NA
Intel Core i7-6700 @ 3.40GHz	10003	361	29.86	$334.99
Intel Core i7-6700HQ @ 2.60GHz	8128	546	21.50	$378.00*

Intel Core i7-6700K @ 4.00GHz	11109	284	35.54	$312.61*
Intel Core i7-6700T @ 2.80GHz	9001	461	23.94	$375.99
Intel Core i7-6700TE @ 2.40GHz	8674	498	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9720	393	9.70	$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13565	213	39.78	$340.98
Intel Core i7-6820EQ @ 2.80GHz	8630	501	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9121	445	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8757	491	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6501	713	NA	NA
Intel Core i7-6850K @ 3.60GHz	14373	186	28.59	$502.75
Intel Core i7-6900K @ 3.20GHz	17611	109	23.27	$756.84
Intel Core i7-6920HQ @ 2.90GHz	9560	404	16.83	$568.00*
Intel Core i7-6950X @ 3.00GHz	19924	73	11.20	$1,778.88
Intel Core i7-7500U @ 2.70GHz	5124	886	NA	NA
Intel Core i7-7560U @ 2.40GHz	5778	788	NA	NA
Intel Core i7-7567U @ 3.50GHz	6464	715	7.26	$889.98
Intel Core i7-7600U @ 2.80GHz	5110	889	NA	NA
Intel Core i7-7660U @ 2.50GHz	5994	764	NA	NA
Intel Core i7-7700 @ 3.60GHz	10685	310	35.64	$299.81
Intel Core i7-7700HQ @ 2.80GHz	8768	489	NA	NA
Intel Core i7-7700K @ 4.20GHz	11996	262	35.62	$336.83
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i7-7700T @ 2.90GHz	9296	429	30.09	$309.00*
Intel Core i7-7740X @ 4.30GHz	12221	256	37.49	$325.99
Intel Core i7-7800X @ 3.50GHz	14633	179	28.69	$509.99
Intel Core i7-7820EQ @ 3.00GHz	9144	443	24.19	$378.00*
Intel Core i7-7820HK @ 2.90GHz	9959	369	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9240	434	24.45	$378.00*
Intel Core i7-7820X @ 3.60GHz	18523	94	30.87	$599.99
Intel Core i7-7900X @ 3.30GHz	20474	67	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9991	363	NA	NA
Intel Core i7-8086K @ 4.00GHz	16680	123	30.17	$552.96*
Intel Core i7-8500Y @ 1.50GHz	3971	1116	10.11	$393.00*
Intel Core i7-8550U @ 1.80GHz	8247	534	NA	NA
Intel Core i7-8559U @ 2.70GHz	12216	257	20.46	$597.09
Intel Core i7-8565U @ 1.80GHz	8909	477	NA	NA
Intel Core i7-8650U @ 1.90GHz	8700	494	21.22	$409.99
Intel Core i7-8665U @ 1.90GHz	9060	452	22.15	$409.00*
Intel Core i7-8700 @ 3.20GHz	15144	165	41.06	$368.88

Intel Core i7-8700B @ 3.20GHz	14802	176	48.85	$303.00*
Intel Core i7-8700K @ 3.70GHz	15929	148	44.87	$354.99
Intel Core i7-8700T @ 2.40GHz	12626	243	35.17	$359.00
Intel Core i7-8705G @ 3.10GHz	9923	371	7.04	$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10539	322	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	387	NA	NA
Intel Core i7-8750H @ 2.20GHz	12401	248	31.40	$395.00*
Intel Core i7-8809G @ 3.10GHz	10984	292	NA	NA
Intel Core i7-8850H @ 2.60GHz	12981	233	32.87	$395.00*
Intel Core i7-9700 @ 3.00GHz	15789	154	42.35	$372.81
Intel Core i7-9700F @ 3.00GHz	16621	127	42.73	$389.00
Intel Core i7-9700K @ 3.60GHz	17188	114	47.09	$364.99
Intel Core i7-9700KF @ 3.60GHz	17135	116	48.96	$349.99*
Intel Core i7-9700T @ 2.00GHz	13379	222	41.42	$323.00*
Intel Core i7-9750H @ 2.60GHz	13516	215	NA	NA
Intel Core i7-9800X @ 3.80GHz	19679	83	32.26	$609.95
Intel Core i7-9850H @ 2.60GHz	14164	193	35.86	$395.00*
Intel Core i7-10510U @ 1.80GHz	9325	425	22.80	$409.00*
Intel Core i7-10710U @ 1.10GHz	12532	245	28.29	$443.00*
Intel Core i9-7900X @ 3.30GHz	21878	50	21.88	$999.99
Intel Core i9-7920X @ 2.90GHz	23309	40	17.31	$1,346.25*
Intel Core i9-7940X @ 3.10GHz	25425	22	19.56	$1,299.99*
Intel Core i9-7960X @ 2.80GHz	26096	18	19.33	$1,349.99*
Intel Core i9-7980XE @ 2.60GHz	27647	15	12.29	$2,248.75
Intel Core i9-8950HK @ 2.90GHz	14244	190	24.43	$583.00*
Intel Core i9-9820X @ 3.30GHz	21648	54	26.73	$809.99
Intel Core i9-9880H @ 2.30GHz	16702	122	30.04	$556.00*
Intel Core i9-9900 @ 3.10GHz	18265	99	41.51	$439.99
Intel Core i9-9900K @ 3.60GHz	20200	71	42.80	$471.99
Intel Core i9-9900KF @ 3.60GHz	20513	65	42.74	$479.99
Intel Core i9-9900X @ 3.50GHz	23029	42	22.86	$1,007.53
Intel Core i9-9920X @ 3.50GHz	25238	26	21.06	$1,198.30
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	27124	16	20.09	$1,349.99
Intel Core i9-9960X @ 3.10GHz	27930	13	16.93	$1,649.99
Intel Core i9-9980HK @ 2.40GHz	17715	107	30.39	$583.00*
Intel Core i9-9980XE @ 3.00GHz	29608	8	14.88	$1,989.99
Intel Core m3-6Y30 @ 0.90GHz	3025	1375	10.77	$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3528	1225	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1281	NA	NA

Intel Core m3-8100Y @ 1.10GHz	3562	1214	12.68	$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3352	1271	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3225	1307	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3459	1244	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2653	1500	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1601	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2817	1450	10.03	$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1444	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2508	1554	NA	NA
Intel Core M-5Y70 @ 1.10GHz	2912	1416	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2991	1386	10.65	$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2673	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2666	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2583	NA	NA
Intel Core Solo U1300 @ 1.06GHz	273	2826	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2820	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2742	NA	NA
Intel E3000 @ 3.40GHz	2767	1465	NA	NA
Intel Pentium 4 1.40GHz	164	2927	NA	NA
Intel Pentium 4 1.50GHz	131	2944	NA	NA
Intel Pentium 4 1.60GHz	129	2946	NA	NA
Intel Pentium 4 1.70GHz	132	2943	NA	NA
Intel Pentium 4 1.80GHz	161	2930	NA	NA
Intel Pentium 4 1.90GHz	159	2931	NA	NA
Intel Pentium 4 2.00GHz	189	2909	NA	NA
Intel Pentium 4 2.20GHz	209	2891	NA	NA
Intel Pentium 4 2.26GHz	221	2879	NA	NA
Intel Pentium 4 2.40GHz	228	2873	NA	NA
Intel Pentium 4 2.50GHz	245	2857	NA	NA
Intel Pentium 4 2.53GHz	248	2853	NA	NA
Intel Pentium 4 2.60GHz	288	2799	NA	NA
Intel Pentium 4 2.66GHz	254	2845	NA	NA
Intel Pentium 4 2.80GHz	322	2748	NA	NA
Intel Pentium 4 2.93GHz	293	2790	NA	NA
Intel Pentium 4 3.00GHz	353	2719	NA	NA
Intel Pentium 4 3.06GHz	347	2722	NA	NA
Intel Pentium 4 3.20GHz	373	2693	NA	NA
Intel Pentium 4 3.40GHz	395	2669	NA	NA
Intel Pentium 4 3.46GHz	454	2601	NA	NA
Intel Pentium 4 3.60GHz	487	2562	NA	NA

Intel Pentium 4 3.73GHz	486	2565	NA	NA
Intel Pentium 4 3.80GHz	485	2567	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	2904	NA	NA
Intel Pentium 4 4.00GHz	184	2914	NA	NA
Intel Pentium 4 1300MHz	119	2950	NA	NA
Intel Pentium 4 1400MHz	127	2947	NA	NA
Intel Pentium 4 1500MHz	125	2948	NA	NA
Intel Pentium 4 1600MHz	193	2908	0.30	$647.45*
Intel Pentium 4 1700MHz	154	2934	NA	NA
Intel Pentium 4 1800MHz	162	2929	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2937	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2903	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2920	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2892	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2923	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2890	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2899	NA	NA
Intel Pentium 5 2.66GHz	705	2442	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2228	8.18	$134.00*
Intel Pentium 967 @ 1.30GHz	1139	2208	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2202	NA	NA
Intel Pentium 987 @ 1.50GHz	1225	2156	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	2054	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1476	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1376	NA	NA
Intel Pentium 2020M @ 2.40GHz	2274	1643	16.97	$134.00*
Intel Pentium 2030M @ 2.50GHz	2398	1596	17.90	$134.00*
Intel Pentium 2117U @ 1.80GHz	1655	1939	12.35	$134.00*
Intel Pentium 2127U @ 1.90GHz	1821	1852	13.59	$134.00*
Intel Pentium 2129Y @ 1.10GHz	1062	2247	7.93	$134.00*
Intel Pentium 3550M @ 2.30GHz	2268	1649	NA	NA
Intel Pentium 3556U @ 1.70GHz	1684	1918	NA	NA
Intel Pentium 3558U @ 1.70GHz	1675	1922	NA	NA
Intel Pentium 3560M @ 2.40GHz	2269	1648	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2134	NA	NA
Intel Pentium 3805U @ 1.90GHz	1970	1770	NA	NA
Intel Pentium 3825U @ 1.90GHz	2519	1549	NA	NA
Intel Pentium 4405U @ 2.10GHz	2931	1408	NA	NA

Intel Pentium 4405Y @ 1.50GHz	2059	1735	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2050	1739	12.73	$161.00*
Intel Pentium 4415U @ 2.30GHz	3153	1337	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2220	1670	13.79	$161.00*
Intel Pentium 4417U @ 2.30GHz	3192	1319	19.83	$161.00*
Intel Pentium 5405U @ 2.30GHz	3184	1321	19.78	$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1963	NA	NA
Intel Pentium B940 @ 2.00GHz	1727	1887	57.71	$29.94*
Intel Pentium B950 @ 2.10GHz	1716	1894	NA	NA
Intel Pentium B960 @ 2.20GHz	1853	1830	37.83	$48.99*
Intel Pentium B970 @ 2.30GHz	1952	1780	38.30	$50.99*
Intel Pentium B980 @ 2.40GHz	2026	1747	28.97	$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1155	29.56	$129.00*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Pentium D 805 @ 2.66GHz	529	2531	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2474	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2502	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2439	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2427	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2397	NA	NA
Intel Pentium E2140 @ 1.60GHz	870	2364	5.51	$157.95*
Intel Pentium E2160 @ 1.80GHz	999	2285	64.44	$15.51
Intel Pentium E2180 @ 2.00GHz	1087	2233	36.27	$29.99
Intel Pentium E2200 @ 2.20GHz	1202	2169	16.04	$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2182	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	2091	15.48	$85.99*
Intel Pentium E5200 @ 2.50GHz	1487	2018	41.38	$35.94*
Intel Pentium E5300 @ 2.60GHz	1538	1992	59.24	$25.98*
Intel Pentium E5400 @ 2.70GHz	1596	1970	89.90	$17.76*
Intel Pentium E5500 @ 2.80GHz	1635	1948	62.93	$25.99
Intel Pentium E5700 @ 3.00GHz	1738	1885	115.97	$14.99*
Intel Pentium E5800 @ 3.20GHz	1889	1816	63.01	$29.99*
Intel Pentium E6300 @ 2.80GHz	1706	1904	165.68	$10.30*
Intel Pentium E6500 @ 2.93GHz	1764	1869	11.17	$157.95*
Intel Pentium E6600 @ 3.06GHz	1860	1828	18.61	$100.00*
Intel Pentium E6700 @ 3.20GHz	1932	1791	64.43	$29.99
Intel Pentium E6800 @ 3.33GHz	1988	1762	22.34	$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2350	1.20	$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2312	NA	NA

Intel Pentium G620 @ 2.60GHz	2286	1635	91.50	$24.99*
Intel Pentium G620T @ 2.20GHz	2033	1744	25.42	$79.99*
Intel Pentium G630 @ 2.70GHz	2373	1606	23.73	$100.00
Intel Pentium G630T @ 2.30GHz	2089	1718	26.12	$79.99*
Intel Pentium G640 @ 2.80GHz	2519	1548	16.80	$150.00*
Intel Pentium G640T @ 2.40GHz	1979	1766	NA	NA
Intel Pentium G645 @ 2.90GHz	2587	1521	16.17	$160.00*
Intel Pentium G645T @ 2.50GHz	2255	1653	NA	NA
Intel Pentium G840 @ 2.80GHz	2559	1535	73.14	$34.99*
Intel Pentium G850 @ 2.90GHz	2664	1499	13.46	$197.99
Intel Pentium G860 @ 3.00GHz	2736	1479	32.97	$82.99
Intel Pentium G870 @ 3.10GHz	2819	1449	29.07	$97.00*
Intel Pentium G2010 @ 2.80GHz	2597	1518	74.44	$34.89*
Intel Pentium G2020 @ 2.90GHz	2753	1474	45.92	$59.95*
Intel Pentium G2020T @ 2.50GHz	2418	1586	50.81	$47.60*
Intel Pentium G2030 @ 3.00GHz	2866	1435	71.69	$39.99*
Intel Pentium G2030T @ 2.60GHz	2487	1565	38.86	$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1470	NA	NA
Intel Pentium G2120 @ 3.10GHz	3079	1361	19.30	$159.55*
Intel Pentium G2130 @ 3.20GHz	3200	1315	64.01	$49.99*
Intel Pentium G2140 @ 3.30GHz	3377	1265	41.18	$82.00*
Intel Pentium G3220 @ 3.00GHz	3125	1345	28.42	$109.97
Intel Pentium G3220T @ 2.60GHz	2561	1533	40.67	$62.98
Intel Pentium G3240 @ 3.10GHz	3154	1335	33.61	$93.85
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Pentium G3240T @ 2.70GHz	2840	1439	NA	NA
Intel Pentium G3250 @ 3.20GHz	3242	1301	29.48	$109.99*
Intel Pentium G3250T @ 2.80GHz	2969	1397	33.00	$89.99*
Intel Pentium G3258 @ 3.20GHz	3865	1139	25.95	$149.00
Intel Pentium G3260 @ 3.30GHz	3357	1269	23.99	$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1409	32.56	$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1598	NA	NA
Intel Pentium G3420 @ 3.20GHz	3397	1258	37.45	$90.70*
Intel Pentium G3420T @ 2.70GHz	3008	1381	18.80	$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1260	37.74	$89.99*
Intel Pentium G3440 @ 3.30GHz	3319	1280	20.75	$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1352	NA	NA
Intel Pentium G3450 @ 3.40GHz	3695	1186	36.96	$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1398	NA	NA

Intel Pentium G3460 @ 3.50GHz	3584	1211	12.44	$288.20*
Intel Pentium G3470 @ 3.60GHz	3714	1182	35.62	$104.29*
Intel Pentium G4400 @ 3.30GHz	3539	1220	50.56	$70.00
Intel Pentium G4400T @ 2.90GHz	3163	1330	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1433	45.09	$64.00*
Intel Pentium G4500 @ 3.50GHz	3791	1157	38.34	$98.90
Intel Pentium G4500T @ 3.00GHz	3471	1241	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1077	38.05	$109.98
Intel Pentium G4560 @ 3.50GHz	4863	941	49.42	$98.42*
Intel Pentium G4560T @ 2.90GHz	3990	1112	36.28	$109.99*
Intel Pentium G4600 @ 3.60GHz	5076	894	21.16	$239.95
Intel Pentium G4600T @ 3.00GHz	4266	1062	24.06	$177.28*
Intel Pentium G4620 @ 3.70GHz	5214	873	45.88	$113.66*
Intel Pentium G6950 @ 2.80GHz	1860	1829	46.52	$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1699	22.72	$94.00*
Intel Pentium G6960 @ 2.93GHz	2059	1736	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5212	874	80.20	$64.99
Intel Pentium Gold G5400T @ 3.10GHz	4884	936	76.31	$64.00*
Intel Pentium Gold G5420 @ 3.80GHz	5447	837	66.15	$82.35
Intel Pentium Gold G5500 @ 3.80GHz	5195	877	30.57	$169.94*
Intel Pentium Gold G5500T @ 3.20GHz	4346	1045	57.95	$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5570	818	62.89	$88.57
Intel Pentium Gold G5600F @ 3.90GHz	5736	796	NA	NA
Intel Pentium III 933S @ 933MHz	238	2865	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2803	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2819	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2764	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2783	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2780	NA	NA
Intel Pentium III Mobile 750MHz	103	2953	NA	NA
Intel Pentium III Mobile 800MHz	182	2917	NA	NA
Intel Pentium III Mobile 866MHz	152	2935	NA	NA
Intel Pentium III Mobile 933MHz	218	2881	7.55	$28.99
Intel Pentium III Mobile 1000MHz	245	2856	NA	NA
Intel Pentium III Mobile 1066MHz	246	2855	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Pentium III Mobile 1133MHz	251	2849	NA	NA
Intel Pentium III Mobile 1200MHz	240	2863	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1840	NA	NA
Intel Pentium J2900 @ 2.41GHz	1973	1768	NA	NA

Intel Pentium J3710 @ 1.60GHz	1913	1800	NA	NA
Intel Pentium J4205 @ 1.50GHz	2270	1647	NA	NA
Intel Pentium M 1.10GHz	282	2810	NA	NA
Intel Pentium M 1.20GHz	298	2781	NA	NA
Intel Pentium M 1.30GHz	301	2774	NA	NA
Intel Pentium M 1.40GHz	345	2726	NA	NA
Intel Pentium M 1.50GHz	366	2703	NA	NA
Intel Pentium M 1.60GHz	364	2706	NA	NA
Intel Pentium M 1.70GHz	406	2651	NA	NA
Intel Pentium M 1.73GHz	413	2642	NA	NA
Intel Pentium M 1.80GHz	411	2644	NA	NA
Intel Pentium M 1.86GHz	438	2618	NA	NA
Intel Pentium M 2.00GHz	461	2593	NA	NA
Intel Pentium M 2.10GHz	448	2606	NA	NA
Intel Pentium M 2.13GHz	499	2555	NA	NA
Intel Pentium M 2.26GHz	509	2548	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2572	NA	NA
Intel Pentium M 900MHz	217	2885	NA	NA
Intel Pentium M 1000MHz	233	2869	NA	NA
Intel Pentium M 1100MHz	259	2841	NA	NA
Intel Pentium M 1200MHz	237	2866	NA	NA
Intel Pentium M 1300MHz	303	2768	NA	NA
Intel Pentium M 1400MHz	320	2750	NA	NA
Intel Pentium M 1500MHz	354	2716	NA	NA
Intel Pentium M 1600MHz	335	2736	NA	NA
Intel Pentium M 1700MHz	376	2688	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1999	NA	NA
Intel Pentium N3520 @ 2.16GHz	1807	1854	NA	NA
Intel Pentium N3530 @ 2.16GHz	1912	1802	NA	NA
Intel Pentium N3540 @ 2.16GHz	1933	1789	7.71	$250.87*
Intel Pentium N3700 @ 1.60GHz	1836	1841	4.13	$444.78*
Intel Pentium N3710 @ 1.60GHz	1863	1827	NA	NA
Intel Pentium N4200 @ 1.10GHz	2034	1743	8.70	$233.98*
Intel Pentium P6000 @ 1.87GHz	1243	2149	NA	NA
Intel Pentium P6100 @ 2.00GHz	1327	2093	46.66	$28.44*
Intel Pentium P6200 @ 2.13GHz	1351	2080	30.06	$44.95*
Intel Pentium P6300 @ 2.27GHz	1388	2060	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2901	1424	13.20	$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2459	1573	15.28	$161.00*

Intel Pentium SU2700 @ 1.30GHz	405	2652	NA	NA
Intel Pentium SU4100 @ 1.30GHz	853	2375	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2379	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2463	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2443	4.41	$159.95*
Intel Pentium T2130 @ 1.86GHz	708	2440	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Pentium T2310 @ 1.46GHz	735	2429	NA	NA
Intel Pentium T2330 @ 1.60GHz	831	2385	NA	NA
Intel Pentium T2370 @ 1.73GHz	849	2377	24.26	$35.00*
Intel Pentium T2390 @ 1.86GHz	948	2324	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2300	NA	NA
Intel Pentium T3200 @ 2.00GHz	1032	2261	86.01	$12.00*
Intel Pentium T3400 @ 2.16GHz	1114	2215	12.39	$89.95*
Intel Pentium T4200 @ 2.00GHz	1152	2199	96.00	$12.00*
Intel Pentium T4300 @ 2.10GHz	1231	2153	NA	NA
Intel Pentium T4400 @ 2.20GHz	1282	2122	NA	NA
Intel Pentium T4500 @ 2.30GHz	1334	2089	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2392	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2321	NA	NA
Intel T1200 @ 1.50GHz	435	2624	NA	NA
Intel T1400 @ 1.73GHz	929	2337	NA	NA
Intel T1500 @ 1.86GHz	953	2319	NA	NA
Intel T2050 @ 2.00GHz	959	2316	NA	NA
Intel Xeon 2.00GHz	233	2868	NA	NA
Intel XEON 2.20GHz	252	2847	NA	NA
Intel Xeon 2.40GHz	276	2822	30.35	$9.10*
Intel Xeon 2.66GHz	435	2623	NA	NA
Intel Xeon 2.80GHz	400	2664	NA	NA
Intel Xeon 3.00GHz	391	2677	NA	NA
Intel Xeon 3.06GHz	491	2559	NA	NA
Intel Xeon 3.20GHz	461	2594	NA	NA
Intel Xeon 3.40GHz	478	2576	NA	NA
Intel Xeon 3.60GHz	509	2547	0.60	$851.00*
Intel Xeon 3.73GHz	1041	2257	NA	NA
Intel Xeon 3.80GHz	604	2491	0.71	$851.00*
Intel Xeon 1500MHz	193	2907	NA	NA
Intel Xeon 3040 @ 1.86GHz	1278	2127	51.05	$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2106	8.23	$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	2000	66.07	$22.99*

Intel Xeon 3065 @ 2.33GHz	1520	1998	72.77	$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1864	4.36	$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1839	5.26	$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1979	NA	NA
Intel Xeon 5110 @ 1.60GHz	1084	2237	30.99	$35.00*
Intel Xeon 5120 @ 1.86GHz	1248	2148	0.77	$1,619.99*
Intel Xeon 5130 @ 2.00GHz	1366	2070	43.44	$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1968	NA	NA
Intel Xeon 5140 @ 2.33GHz	1635	1949	65.44	$24.99*
Intel Xeon 5148 @ 2.33GHz	1590	1974	121.17	$13.13*
Intel Xeon 5150 @ 2.66GHz	1752	1878	12.53	$139.95*
Intel Xeon 5160 @ 3.00GHz	1956	1775	52.18	$37.49*
Intel Xeon @ 2.00GHz	11327	277	NA	NA
Intel Xeon @ 2.20GHz	1902	1806	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5582	814	23.31	$239.53
Intel Xeon Bronze 3106 @ 1.70GHz	6890	674	19.78	$348.33*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1518 @ 2.20GHz	5322	861	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	794	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	662	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	538	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9643	398	27.71	$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	594	13.54	$571.00*
Intel Xeon D-1539 @ 1.60GHz	8443	516	17.37	$486.00*
Intel Xeon D-1540 @ 2.00GHz	10740	307	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11064	287	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	311	19.24	$555.00*
Intel Xeon D-1557 @ 1.50GHz	10950	296	15.78	$694.00*
Intel Xeon D-1559 @ 1.50GHz	8055	551	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	184	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	196	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8150	543	38.26	$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	236	23.13	$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	204	24.41	$566.00*
Intel Xeon D-2146NT @ 2.30GHz	10968	294	17.11	$641.00*
Intel Xeon D-2183IT @ 2.20GHz	19381	87	10.99	$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6249	734	117.97	$52.98
Intel Xeon E3-1220 V2 @ 3.10GHz	6730	691	103.56	$64.99
Intel Xeon E3-1220 v3 @ 3.10GHz	7175	646	53.56	$133.99

Intel Xeon E3-1220 v5 @ 3.00GHz	7772	588	29.17	$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7769	589	36.73	$211.54
Intel Xeon E3-1220L @ 2.20GHz	3606	1205	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	1030	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2070	1729	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	6090	758	95.19	$63.99
Intel Xeon E3-1225 V2 @ 3.20GHz	6966	665	100.96	$69.00
Intel Xeon E3-1225 v3 @ 3.20GHz	7238	639	53.23	$135.99
Intel Xeon E3-1225 v5 @ 3.30GHz	7828	580	29.21	$268.04
Intel Xeon E3-1225 v6 @ 3.30GHz	7958	569	33.23	$239.53
Intel Xeon E3-1226 v3 @ 3.30GHz	7574	609	12.73	$595.00*
Intel Xeon E3-1230 @ 3.20GHz	7851	577	81.80	$95.99
Intel Xeon E3-1230 V2 @ 3.30GHz	8868	483	113.70	$78.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9323	426	43.37	$215.00
Intel Xeon E3-1230 v5 @ 3.40GHz	9742	389	22.57	$431.65*
Intel Xeon E3-1230 v6 @ 3.50GHz	9784	385	36.38	$269.00
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	641	25.12	$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9628	401	18.88	$509.95
Intel Xeon E3-1235 @ 3.20GHz	7757	591	31.79	$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	716	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7975	567	81.39	$97.99
Intel Xeon E3-1240 V2 @ 3.40GHz	9157	442	72.12	$126.97
Intel Xeon E3-1240 v3 @ 3.40GHz	9677	396	25.17	$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10317	331	30.20	$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10472	326	36.35	$288.10
Intel Xeon E3-1240L v3 @ 2.00GHz	7486	614	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	585	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	10012	359	27.06	$369.99
Intel Xeon E3-1245 @ 3.30GHz	8040	554	75.86	$105.99
Intel Xeon E3-1245 V2 @ 3.40GHz	9127	444	58.14	$156.99
Intel Xeon E3-1245 v3 @ 3.40GHz	9585	402	37.59	$255.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10160	346	29.42	$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10533	323	33.78	$311.82
Intel Xeon E3-1246 v3 @ 3.50GHz	9865	376	24.12	$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6266	732	111.85	$56.02
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	341	13.88	$736.16*
Intel Xeon E3-1265L @ 2.40GHz	5961	767	6.49	$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7455	620	50.37	$148.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9188	440	12.94	$709.95

Intel Xeon E3-1265L v4 @ 2.30GHz	9060	453	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	578	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	495	23.06	$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8253	533	26.20	$315.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9468	411	49.83	$189.99
Intel Xeon E3-1270 v3 @ 3.50GHz	9919	372	49.60	$199.99
Intel Xeon E3-1270 v5 @ 3.60GHz	10297	334	16.73	$615.55*
Intel Xeon E3-1270 v6 @ 3.80GHz	11171	281	32.99	$338.61
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	309	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10117	351	11.39	$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8115	548	26.70	$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9431	419	23.90	$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	10048	355	25.06	$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10353	330	24.94	$415.13*
Intel Xeon E3-1275 v6 @ 3.80GHz	11028	289	29.91	$368.77
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	481	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10209	342	9.51	$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8416	520	25.34	$332.20
Intel Xeon E3-1280 V2 @ 3.60GHz	9455	416	11.01	$859.00*
Intel Xeon E3-1280 v3 @ 3.60GHz	9827	380	21.89	$449.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	313	15.46	$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11041	288	23.03	$479.50
Intel Xeon E3-1281 v3 @ 3.70GHz	10031	356	11.43	$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	327	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	325	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11992	263	26.65	$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	367	12.35	$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	295	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	373	11.80	$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	409	12.27	$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8768	488	9.91	$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	394	10.97	$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	726	NA	NA
Intel Xeon E3-1505L v6 @ 2.20GHz	7887	574	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8950	473	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9662	397	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10016	358	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	9345	424	NA	NA

Intel Xeon E3-1535M v6 @ 3.10GHz	10557	321	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10309	332	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10616	316	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	306	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	348	22.78	$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7265	637	148.31	$48.99*
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	621	NA	NA
Intel Xeon E5-1428L v2 @ 2.20GHz	8377	523	16.96	$494.00*
Intel Xeon E5-1603 @ 2.80GHz	5576	816	278.94	$19.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6202	740	62.03	$99.99*
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	718	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5894	775	210.89	$27.95*
Intel Xeon E5-1607 v2 @ 3.00GHz	6217	738	177.91	$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	7039	658	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7270	636	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9069	449	139.53	$65.00*
Intel Xeon E5-1620 v2 @ 3.70GHz	9497	408	161.00	$58.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9746	388	60.92	$159.99
Intel Xeon E5-1620 v4 @ 3.50GHz	9937	370	32.76	$303.34
Intel Xeon E5-1630 v3 @ 3.70GHz	10228	340	48.71	$209.99
Intel Xeon E5-1630 v4 @ 3.70GHz	10296	335	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11740	268	23.72	$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12744	239	106.25	$119.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13624	211	88.17	$154.53
Intel Xeon E5-1650 v4 @ 3.60GHz	14231	191	28.01	$508.00*
Intel Xeon E5-1660 @ 3.30GHz	12251	254	9.99	$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13901	200	49.30	$281.99
Intel Xeon E5-1660 v3 @ 3.00GHz	14656	178	9.07	$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16203	139	13.18	$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16323	134	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16325	133	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17063	118	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	101	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1228	30.07	$117.19
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1252	94.99	$35.99*
Intel Xeon E5-2407 @ 2.20GHz	4188	1076	49.32	$84.92
Intel Xeon E5-2407 v2 @ 2.40GHz	4648	977	40.23	$115.56*
Intel Xeon E5-2418L @ 2.00GHz	5202	876	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7063	656	18.11	$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8693	497	165.05	$52.67*

Intel Xeon E5-2430 @ 2.20GHz	7695	596	202.51	$38.00*
Intel Xeon E5-2430 v2 @ 2.50GHz	9061	451	187.76	$48.26
Intel Xeon E5-2430L @ 2.00GHz	7834	579	242.71	$32.28*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	703	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9221	437	230.59	$39.99
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	430	18.22	$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	472	6.29	$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10196	343	156.92	$64.98
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	532	63.55	$130.00*
Intel Xeon E5-2470 @ 2.30GHz	11144	283	87.07	$128.00*
Intel Xeon E5-2470 v2 @ 2.40GHz	11268	279	50.76	$222.00
Intel Xeon E5-2603 @ 1.80GHz	3591	1209	144.00	$24.94*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1164	62.78	$59.99*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	881	77.05	$67.23
Intel Xeon E5-2603 v4 @ 1.70GHz	5431	838	20.89	$260.00*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	576	17.82	$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4604	991	47.95	$96.04*
Intel Xeon E5-2609 v2 @ 2.50GHz	5160	883	103.22	$49.99*
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	773	55.66	$106.03
Intel Xeon E5-2609 v4 @ 1.70GHz	6905	673	19.20	$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	259	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	181	18.71	$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7904	572	272.68	$28.99
Intel Xeon E5-2620 v2 @ 2.10GHz	8600	505	215.07	$39.99
Intel Xeon E5-2620 v3 @ 2.40GHz	9979	368	142.58	$69.99
Intel Xeon E5-2620 v4 @ 2.10GHz	11337	276	28.42	$398.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	464	13.85	$649.00*
Intel Xeon E5-2623 v4 @ 2.60GHz	8506	511	15.50	$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	420	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	251	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	230	9.61	$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	290	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8923	476	223.36	$39.95
Intel Xeon E5-2630 v2 @ 2.60GHz	10368	329	235.96	$43.94
Intel Xeon E5-2630 v3 @ 2.40GHz	12797	237	130.59	$98.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13910	199	21.11	$659.00
Intel Xeon E5-2630L @ 2.00GHz	8041	553	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	448	232.44	$39.10*

Intel Xeon E5-2630L v3 @ 1.80GHz	9727	390	28.62	$339.95*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	235	NA	NA
Intel Xeon E5-2637 @ 3.00GHz	4508	1012	5.09	$885.00*
Intel Xeon E5-2637 v2 @ 3.50GHz	9200	439	108.25	$84.99*
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	350	59.52	$169.99
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	324	9.82	$1,069.95*
Intel Xeon E5-2640 @ 2.50GHz	9439	418	97.69	$96.62*
Intel Xeon E5-2640 v2 @ 2.00GHz	10189	345	63.57	$160.29*
Intel Xeon E5-2640 v3 @ 2.60GHz	13864	203	19.49	$711.29*
Intel Xeon E5-2640 v4 @ 2.40GHz	15420	160	16.76	$920.27*
Intel Xeon E5-2643 @ 3.30GHz	8451	514	140.98	$59.95*
Intel Xeon E5-2643 v2 @ 3.50GHz	13202	226	94.99	$138.99
Intel Xeon E5-2643 v3 @ 3.40GHz	13887	201	55.55	$250.00*
Intel Xeon E5-2643 v4 @ 3.40GHz	13475	219	8.06	$1,671.25*
Intel Xeon E5-2648L @ 1.80GHz	6698	696	NA	NA
Intel Xeon E5-2648L v2 @ 1.90GHz	11381	274	7.70	$1,479.00*
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	273	7.30	$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	209	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	177	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Xeon E5-2650 @ 2.00GHz	10259	338	227.99	$45.00
Intel Xeon E5-2650 v2 @ 2.60GHz	13227	224	183.59	$72.05
Intel Xeon E5-2650 v3 @ 2.30GHz	14875	174	93.56	$158.99
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	151	11.50	$1,379.88
Intel Xeon E5-2650L @ 1.80GHz	8550	508	108.24	$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	375	72.74	$135.84*
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	216	51.98	$259.99
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	195	9.42	$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	278	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9632	400	6.59	$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	202	77.09	$179.99*
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	136	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	17275	112	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11256	280	80.69	$139.50
Intel Xeon E5-2660 v2 @ 2.20GHz	13142	228	75.54	$173.98*
Intel Xeon E5-2660 v3 @ 2.60GHz	16213	138	35.50	$456.66
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	120	11.25	$1,499.99*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	197	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11736	269	114.65	$102.37
Intel Xeon E5-2667 @ 2.90GHz	10671	312	206.41	$51.70

Intel Xeon E5-2667 v2 @ 3.30GHz	16158	141	44.88	$359.99
Intel Xeon E5-2667 v3 @ 3.20GHz	16174	140	40.62	$398.14
Intel Xeon E5-2667 v4 @ 3.20GHz	16631	126	8.53	$1,949.03*
Intel Xeon E5-2670 @ 2.60GHz	12369	249	176.71	$70.00
Intel Xeon E5-2670 v2 @ 2.50GHz	15021	168	58.18	$258.20
Intel Xeon E5-2670 v3 @ 2.30GHz	16647	125	97.93	$170.00
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	135	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16401	130	23.43	$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21458	57	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15137	166	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	108	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17078	117	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	25	9.35	$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12897	234	167.65	$76.93
Intel Xeon E5-2680 v2 @ 2.80GHz	15890	150	88.77	$179.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18465	97	61.76	$299.00
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	75	13.18	$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	68	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17373	111	34.07	$509.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	91	8.62	$2,208.93*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	169	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	89	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	77	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14339	188	66.70	$214.99*
Intel Xeon E5-2687W v2 @ 3.40GHz	16370	132	45.49	$359.90
Intel Xeon E5-2687W v3 @ 3.10GHz	17795	105	30.16	$589.99
Intel Xeon E5-2687W v4 @ 3.00GHz	19863	76	9.13	$2,174.99*
Intel Xeon E5-2689 @ 2.60GHz	13369	223	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	80	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	13736	206	133.84	$102.63
Intel Xeon E5-2690 v2 @ 3.00GHz	16406	129	60.19	$272.58
Intel Xeon E5-2690 v3 @ 2.60GHz	19256	88	78.60	$245.00
Intel Xeon E5-2690 v4 @ 2.60GHz	21167	61	9.75	$2,169.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	144	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	16041	143	61.94	$258.99
Intel Xeon E5-2695 v3 @ 2.30GHz	19710	82	40.23	$489.99
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	69	11.20	$1,809.00*
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	128	NA	NA

Intel Xeon E5-2696 v3 @ 2.30GHz	22172	46	8.88	$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	60	7.05	$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17202	113	45.32	$379.62
Intel Xeon E5-2697 v3 @ 2.60GHz	21412	59	47.96	$446.50
Intel Xeon E5-2697 v4 @ 2.30GHz	21435	58	7.02	$3,054.99*
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	44	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	63	28.47	$739.00
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	52	6.02	$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	45	8.92	$2,509.00*
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	39	6.98	$3,359.50
Intel Xeon E5-4603 @ 2.00GHz	5014	912	2.65	$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	436	NA	NA
Intel Xeon E5-4610 @ 2.40GHz	9552	405	7.81	$1,223.00*
Intel Xeon E5-4610 v3 @ 1.70GHz	8853	484	7.26	$1,219.00*
Intel Xeon E5-4617 @ 2.90GHz	9313	428	103.59	$89.90*
Intel Xeon E5-4620 @ 2.20GHz	9248	433	68.91	$134.21*
Intel Xeon E5-4627 v2 @ 3.30GHz	12511	246	24.58	$508.95*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	183	6.04	$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	158	6.97	$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10701	308	3.92	$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	240	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	285	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11685	271	166.96	$69.99*
Intel Xeon E5-4650L @ 2.60GHz	12145	260	101.22	$119.99*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	252	2.66	$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	149	11.36	$1,399.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	152	3.30	$4,800.00*
Intel Xeon E5-4669 v3 @ 2.10GHz	19615	86	3.63	$5,400.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	210	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1348	1.75	$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2159	1691	93.93	$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1583	247.99	$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1662	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	2052	148.77	$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1584	27.31	$88.78*
Intel Xeon E5310 @ 1.60GHz	2214	1672	45.19	$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1634	59.05	$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1553	141.45	$17.77*
Intel Xeon E5345 @ 2.33GHz	2886	1432	72.17	$39.99*
Intel Xeon E5405 @ 2.00GHz	2834	1442	70.95	$39.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5410 @ 2.33GHz	3261	1294	15.61	$208.95*
Intel Xeon E5420 @ 2.50GHz	3484	1238	55.35	$62.95*
Intel Xeon E5430 @ 2.66GHz	3749	1172	33.78	$110.99*
Intel Xeon E5440 @ 2.83GHz	3963	1120	40.04	$99.00*
Intel Xeon E5450 @ 3.00GHz	4181	1078	77.44	$54.00*
Intel Xeon E5462 @ 2.80GHz	3872	1137	141.84	$27.30*
Intel Xeon E5472 @ 3.00GHz	4084	1097	135.96	$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	2066	14.51	$95.00*
Intel Xeon E5503 @ 2.00GHz	1381	2063	4.81	$287.01*
Intel Xeon E5504 @ 2.00GHz	2680	1493	38.32	$69.95*
Intel Xeon E5506 @ 2.13GHz	2974	1393	47.21	$63.01*
Intel Xeon E5507 @ 2.27GHz	3125	1344	6.84	$456.91*
Intel Xeon E5520 @ 2.27GHz	4379	1038	306.91	$14.27*
Intel Xeon E5530 @ 2.40GHz	4494	1015	345.72	$13.00*
Intel Xeon E5540 @ 2.53GHz	4747	965	80.46	$59.00*
Intel Xeon E5603 @ 1.60GHz	2366	1608	18.34	$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1369	13.95	$219.00*
Intel Xeon E5607 @ 2.27GHz	3371	1267	48.71	$69.21*
Intel Xeon E5620 @ 2.40GHz	4771	958	69.66	$68.49
Intel Xeon E5630 @ 2.53GHz	5055	900	144.43	$35.00*
Intel Xeon E5640 @ 2.67GHz	5250	867	187.60	$27.99*
Intel Xeon E5645 @ 2.40GHz	6424	721	79.02	$81.30
Intel Xeon E5649 @ 2.53GHz	6889	675	67.61	$101.89*
Intel Xeon E7320 @ 2.13GHz	2413	1588	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	581	40.54	$193.00*
Intel Xeon E-2124 @ 3.30GHz	9467	412	43.04	$219.99*
Intel Xeon E-2124G @ 3.40GHz	9891	374	40.56	$243.89*
Intel Xeon E-2126G @ 3.30GHz	13570	212	45.24	$299.99*
Intel Xeon E-2134 @ 3.50GHz	10882	300	37.92	$286.99*
Intel Xeon E-2136 @ 3.30GHz	15793	153	48.68	$324.46*
Intel Xeon E-2144G @ 3.60GHz	11381	275	32.34	$351.90*
Intel Xeon E-2146G @ 3.50GHz	15620	155	44.00	$354.99*
Intel Xeon E-2174G @ 3.80GHz	12250	255	30.40	$402.99
Intel Xeon E-2176G @ 3.70GHz	15573	156	28.01	$555.99*
Intel Xeon E-2176M @ 2.70GHz	13502	217	30.01	$450.00*
Intel Xeon E-2186G @ 3.80GHz	16017	145	30.51	$524.99*
Intel Xeon E-2186M @ 2.90GHz	14519	182	23.31	$623.00*
Intel Xeon E-2224 @ 3.40GHz	10241	339	51.72	$198.00*

Intel Xeon E-2224G @ 3.50GHz	10008	360	45.91	$218.00*
Intel Xeon E-2226G @ 3.40GHz	14627	180	56.26	$260.00*
Intel Xeon E-2246G @ 3.60GHz	16714	121	53.74	$311.00*
Intel Xeon E-2276M @ 2.80GHz	14981	170	33.29	$450.00*
Intel Xeon E-2286M @ 2.40GHz	18477	96	29.66	$623.00*
Intel Xeon E-2288G @ 3.70GHz	19761	79	NA	NA
Intel Xeon Gold 5117 @ 2.00GHz	16672	124	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16389	131	15.62	$1,049.36
Intel Xeon Gold 5120 @ 2.20GHz	18253	100	11.69	$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	102	10.51	$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10896	299	8.51	$1,280.12

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 5218 @ 2.30GHz	22576	43	16.53	$1,365.99*
Intel Xeon Gold 6126 @ 2.60GHz	19711	81	10.43	$1,890.02
Intel Xeon Gold 6128 @ 3.40GHz	14941	172	8.49	$1,759.75*
Intel Xeon Gold 6130 @ 2.10GHz	19643	85	10.14	$1,937.79
Intel Xeon Gold 6132 @ 2.60GHz	23907	35	9.53	$2,508.95
Intel Xeon Gold 6134 @ 3.20GHz	18083	103	8.41	$2,150.00
Intel Xeon Gold 6136 @ 3.00GHz	21061	62	8.06	$2,613.59*
Intel Xeon Gold 6138 @ 2.00GHz	25774	20	9.80	$2,628.95
Intel Xeon Gold 6140 @ 2.30GHz	23964	34	9.82	$2,439.99*
Intel Xeon Gold 6144 @ 3.50GHz	19667	84	6.72	$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	27	5.46	$4,608.95*
Intel Xeon Gold 6148 @ 2.40GHz	25817	19	8.83	$2,925.00*
Intel Xeon Gold 6152 @ 2.10GHz	23498	37	6.35	$3,702.12*
Intel Xeon Gold 6154 @ 3.00GHz	27722	14	7.09	$3,909.00*
Intel Xeon Gold 6210U @ 2.50GHz	28560	11	NA	NA
Intel Xeon Gold 6230 @ 2.10GHz	24600	28	13.25	$1,856.34
Intel Xeon Gold 6242 @ 2.80GHz	25313	24	9.45	$2,678.49
Intel Xeon L3110 @ 3.00GHz	2273	1644	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1167	42.18	$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2087	4.83	$277.01*
Intel Xeon L3426 @ 1.87GHz	3943	1129	8.82	$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1850	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1646	72.33	$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1640	20.22	$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1698	30.52	$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1472	146.68	$18.79*
Intel Xeon L5408 @ 2.13GHz	3014	1377	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1268	33.67	$100.08*

Intel Xeon L5420 @ 2.50GHz	3501	1235	127.32	$27.50*
Intel Xeon L5430 @ 2.66GHz	3724	1177	23.58	$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1181	16.59	$224.00*
Intel Xeon L5520 @ 2.27GHz	4324	1052	337.35	$12.82*
Intel Xeon L5530 @ 2.40GHz	4389	1036	227.93	$19.26*
Intel Xeon L5630 @ 2.13GHz	4338	1048	206.69	$20.99*
Intel Xeon L5638 @ 2.00GHz	5622	806	80.43	$69.90*
Intel Xeon L5639 @ 2.13GHz	6869	677	NA	NA
Intel Xeon L5640 @ 2.27GHz	6232	735	74.77	$83.36
Intel Xeon L7455 @ 2.13GHz	3836	1147	NA	NA
Intel Xeon MV 3.20GHz	683	2455	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26835	17	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	670	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	9	4.95	$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	10	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	12	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	24434	32	2.80	$8,725.00*
Intel Xeon Silver 4108 @ 1.80GHz	10838	305	21.25	$509.95*
Intel Xeon Silver 4109T @ 2.00GHz	10946	297	21.85	$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11686	270	25.74	$453.98
Intel Xeon Silver 4112 @ 2.60GHz	8611	503	16.75	$513.99*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Xeon Silver 4114 @ 2.20GHz	14279	189	21.65	$659.44
Intel Xeon Silver 4116 @ 2.10GHz	15509	159	16.44	$943.13*
Intel Xeon Silver 4123 @ 3.00GHz	15185	164	NA	NA
Intel Xeon Silver 4208 @ 2.10GHz	13116	229	27.79	$471.99
Intel Xeon Silver 4210 @ 2.20GHz	15974	147	29.19	$547.30*
Intel Xeon Silver 4214 @ 2.20GHz	17722	106	22.12	$801.03*
Intel Xeon Silver 4215 @ 2.50GHz	15200	163	20.29	$749.00*
Intel Xeon Silver 4216 @ 2.10GHz	17469	110	16.44	$1,062.71
Intel Xeon W3503 @ 2.40GHz	1756	1874	175.87	$9.99*
Intel Xeon W3505 @ 2.53GHz	1844	1835	74.18	$24.86*
Intel Xeon W3520 @ 2.67GHz	4941	924	102.95	$48.00*
Intel Xeon W3530 @ 2.80GHz	5218	872	17.75	$293.95*
Intel Xeon W3540 @ 2.93GHz	5412	840	271.73	$19.92*
Intel Xeon W3550 @ 3.07GHz	5568	819	185.67	$29.99*
Intel Xeon W3565 @ 3.20GHz	5779	787	289.10	$19.99*
Intel Xeon W3570 @ 3.20GHz	6047	762	12.60	$479.95*
Intel Xeon W3580 @ 3.33GHz	6183	742	28.83	$214.50*

Intel Xeon W3670 @ 3.20GHz	8021	558	16.04	$499.99*
Intel Xeon W3680 @ 3.33GHz	8904	478	55.67	$159.95*
Intel Xeon W3690 @ 3.47GHz	8981	466	74.85	$120.00*
Intel Xeon W5580 @ 3.20GHz	5836	782	54.53	$107.03*
Intel Xeon W5590 @ 3.33GHz	6088	759	2.43	$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	6981	661	29.70	$235.05*
Intel Xeon W-2104 @ 3.20GHz	7475	616	29.32	$255.00*
Intel Xeon W-2123 @ 3.60GHz	10665	314	32.38	$329.39
Intel Xeon W-2125 @ 4.00GHz	12313	250	25.16	$489.42*
Intel Xeon W-2133 @ 3.60GHz	14382	185	23.31	$617.00*
Intel Xeon W-2135 @ 3.70GHz	16292	137	18.10	$900.15*
Intel Xeon W-2140B @ 3.20GHz	18610	93	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19773	78	16.62	$1,190.10
Intel Xeon W-2150B @ 3.00GHz	21543	56	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21872	51	14.29	$1,530.39*
Intel Xeon W-2170B @ 2.50GHz	24561	30	NA	NA
Intel Xeon W-2175 @ 2.50GHz	24454	31	11.81	$2,071.22
Intel Xeon W-2195 @ 2.30GHz	24081	33	8.66	$2,780.48*
Intel Xeon W-3175X @ 3.10GHz	33538	3	11.04	$3,039.17
Intel Xeon W-3265 @ 2.70GHz	31691	6	9.46	$3,349.00*
Intel Xeon X3210 @ 2.13GHz	2740	1477	14.76	$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1356	51.35	$60.15*
Intel Xeon X3230 @ 2.66GHz	3398	1257	47.53	$71.50*
Intel Xeon X3320 @ 2.50GHz	3306	1285	14.41	$229.50*
Intel Xeon X3323 @ 2.50GHz	3174	1323	163.97	$19.36*
Intel Xeon X3330 @ 2.66GHz	3340	1277	15.91	$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1152	63.69	$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1143	52.43	$73.50*
Intel Xeon X3360 @ 2.83GHz	3935	1131	24.91	$157.95*
Intel Xeon X3363 @ 2.83GHz	3983	1113	116.86	$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	1059	11.70	$367.02*
Intel Xeon X3380 @ 3.16GHz	4600	992	9.02	$509.95*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Xeon X3430 @ 2.40GHz	3342	1275	104.48	$31.99*
Intel Xeon X3440 @ 2.53GHz	4511	1011	31.78	$141.96*
Intel Xeon X3450 @ 2.67GHz	4749	963	59.40	$79.95*
Intel Xeon X3460 @ 2.80GHz	5147	884	14.42	$357.00*
Intel Xeon X3470 @ 2.93GHz	5328	859	35.84	$148.70*
Intel Xeon X3480 @ 3.07GHz	5661	801	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1574	45.47	$54.00*

Intel Xeon X5270 @ 3.50GHz	2553	1538	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1597	17.10	$140.00*
Intel Xeon X5355 @ 2.66GHz	3170	1325	10.23	$309.95*
Intel Xeon X5365 @ 3.00GHz	3524	1227	45.19	$77.99*
Intel Xeon X5450 @ 3.00GHz	4105	1093	68.47	$59.96*
Intel Xeon X5460 @ 3.16GHz	4323	1053	43.33	$99.78*
Intel Xeon X5470 @ 3.33GHz	4578	996	24.23	$189.00*
Intel Xeon X5472 @ 3.00GHz	4001	1109	17.78	$225.00*
Intel Xeon X5482 @ 3.20GHz	4529	1009	45.30	$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	939	3.50	$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5273	865	17.30	$304.85*
Intel Xeon X5560 @ 2.80GHz	5405	843	159.04	$33.99*
Intel Xeon X5570 @ 2.93GHz	5618	807	63.13	$89.00
Intel Xeon X5647 @ 2.93GHz	5797	784	290.91	$19.93*
Intel Xeon X5650 @ 2.67GHz	7300	634	248.40	$29.39*
Intel Xeon X5660 @ 2.80GHz	7588	605	90.21	$84.12*
Intel Xeon X5667 @ 3.07GHz	6198	741	265.70	$23.33*
Intel Xeon X5670 @ 2.93GHz	7818	582	229.97	$34.00
Intel Xeon X5672 @ 3.20GHz	6461	717	143.61	$44.99*
Intel Xeon X5675 @ 3.07GHz	7994	561	148.08	$53.99
Intel Xeon X5677 @ 3.47GHz	6773	683	177.87	$38.08*
Intel Xeon X5679 @ 3.20GHz	8958	469	NA	NA
Intel Xeon X5680 @ 3.33GHz	8354	528	119.34	$70.00
Intel Xeon X5687 @ 3.60GHz	6976	663	123.88	$56.32*
Intel Xeon X5690 @ 3.47GHz	8792	486	75.35	$116.70
Intel Xeon X5698 @ 4.40GHz	4272	1060	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1392	NA	NA
Mobile AMD Athlon 4	314	2758	3.62	$86.99*
Mobile AMD Athlon 4 2400+	358	2713	NA	NA
Mobile AMD Athlon 64 2700+	398	2665	NA	NA
Mobile AMD Athlon 64 2800+	440	2615	NA	NA
Mobile AMD Athlon 64 3000+	450	2603	NA	NA
Mobile AMD Athlon 64 3200+	448	2607	NA	NA
Mobile AMD Athlon 64 3400+	511	2546	NA	NA
Mobile AMD Athlon 64 3700+	435	2625	NA	NA
Mobile AMD Athlon 64 4000+	576	2507	NA	NA
Mobile AMD Athlon 1400+	266	2833	NA	NA
Mobile AMD Athlon 2500+	370	2697	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2834	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2687	NA	NA

Mobile AMD Athlon MP-M 2400+	295	2787	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2557	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	572	2511	45.81	$12.49
Mobile AMD Athlon XP-M	512	2545	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2915	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2837	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2839	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2746	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2782	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2730	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2776	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2707	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2725	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2723	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2696	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2705	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2704	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2616	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2563	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2549	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2795	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2786	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2735	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2694	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2579	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2552	NA	NA
Mobile AMD Sempron 2100+	252	2848	NA	NA
Mobile AMD Sempron 2600+	394	2671	NA	NA
Mobile AMD Sempron 2800+	361	2710	NA	NA
Mobile AMD Sempron 3000+	389	2681	NA	NA
Mobile AMD Sempron 3100+	416	2638	NA	NA
Mobile AMD Sempron 3200+	354	2717	NA	NA
Mobile AMD Sempron 3300+	446	2610	NA	NA
Mobile AMD Sempron 3400+	441	2614	NA	NA
Mobile AMD Sempron 3500+	408	2648	NA	NA
Mobile AMD Sempron 3600+	427	2632	NA	NA
Mobile AMD Sempron 3800+	485	2568	NA	NA
Mobile Intel Celeron 1.20GHz	170	2926	NA	NA

Mobile Intel Celeron 1.50GHz	188	2910	NA	NA
Mobile Intel Celeron 1.60GHz	188	2911	NA	NA
Mobile Intel Celeron 1.70GHz	181	2919	NA	NA
Mobile Intel Celeron 1.80GHz	186	2913	NA	NA
Mobile Intel Celeron 2.00GHz	204	2895	NA	NA
Mobile Intel Celeron 2.20GHz	226	2875	NA	NA
Mobile Intel Celeron 2.40GHz	236	2867	NA	NA
Mobile Intel Celeron 2.50GHz	281	2814	NA	NA
Mobile Intel Celeron 1200MHz	294	2788	NA	NA
Mobile Intel Celeron 1333MHz	280	2816	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2821	6.38	$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2836	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2818	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 2.80GHz	315	2756	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2732	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2714	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2617	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2577	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2905	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2925	1.07	$161.81
Mobile Intel Pentium 4 - M 1.80GHz	175	2922	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2870	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2900	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2902	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2886	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2843	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2760	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2889	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2901	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2851	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2793	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2876	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2794	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1560	NA	NA
Quad-Core AMD Opteron 1385	3442	1248	63.75	$54.00*
Quad-Core AMD Opteron 1389	3446	1247	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1412	NA	NA
VIA C3 Ezra	100	2954	NA	NA
VIA C7 1500MHz	284	2805	NA	NA

VIA C7-D 1500MHz	287	2801	NA	NA
VIA C7-D 1800MHz	203	2897	NA	NA
VIA C7-D 2000MHz	368	2700	NA	NA
VIA C7-M 1000MHz	164	2928	NA	NA
VIA C7-M 1200MHz	140	2941	NA	NA
VIA C7-M 1600MHz	178	2921	NA	NA
VIA C7-M 6300MHz	222	2878	NA	NA
VIA Eden 800MHz	155	2932	NA	NA
VIA Eden 1000MHz	123	2949	NA	NA
VIA Eden 1200MHz	142	2940	NA	NA
VIA Eden C1050@1.06GHz	352	2720	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2575	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1262	2136	NA	NA
VIA Esther 1000MHz	146	2939	NA	NA
VIA Esther 1300MHz	250	2850	NA	NA
VIA Esther 1500MHz	219	2880	NA	NA
VIA Esther 2000MHz	394	2670	NA	NA
VIA Nano L1900@1400MHz	457	2597	NA	NA
VIA Nano L2007@1600MHz	369	2698	NA	NA
VIA Nano L2100@1800MHz	428	2630	NA	NA
VIA Nano L2207@1600MHz	296	2784	NA	NA
VIA Nano L3025@1600MHz	517	2542	NA	NA
VIA Nano L3050@1800MHz	581	2504	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
VIA Nano L3600@2000MHz	645	2471	NA	NA
VIA Nano U2250 (1.6GHz Capable)	415	2639	NA	NA
VIA Nano U2250@1300+MHz	274	2825	NA	NA
VIA Nano U2500@1200MHz	306	2767	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2553	NA	NA
VIA Nano U3300@1200MHz	409	2646	NA	NA
VIA Nano U3500@1000MHz	275	2823	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2489	NA	NA
VIA Nehemiah	155	2933	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1808	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	2074	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2183	NA	NA
VIA Samuel 2	79	2956	NA	NA
ZHAOXIN KaiXian KX-U6780A@2.7GHz	5760	793	NA	NA
ZHAOXIN KaiXian ZX-C+ C4700@2.0GHz	2069	1730	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	328	3.61	$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	148	100.33	$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	434	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	440	2.95	$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	486	NA	NA
[Dual CPU] AMD EPYC 7251	12955	205	14.26	$908.36
[Dual CPU] AMD EPYC 7261	12430	212	14.10	$881.74
[Dual CPU] AMD EPYC 7281	13293	201	11.38	$1,167.68
[Dual CPU] AMD EPYC 7371	19370	132	NA	NA
[Dual CPU] AMD EPYC 7401	23518	80	7.24	$3,249.80
[Dual CPU] AMD EPYC 7451	28957	45	13.63	$2,123.94
[Dual CPU] AMD EPYC 7501	28991	44	7.03	$4,121.72
[Dual CPU] AMD EPYC 7551	31452	32	10.99	$2,861.00
[Dual CPU] AMD EPYC 7601	33545	24	5.33	$6,299.12
[Dual CPU] AMD EPYC 7742	55574	1	4.00	$13,900.00*
[Dual CPU] AMD Opteron 246	1130	475	28.26	$39.98*
[Dual CPU] AMD Opteron 248	1053	476	5.27	$199.90
[Dual CPU] AMD Opteron 250	1438	471	65.36	$22.00*
[Dual CPU] AMD Opteron 252	1418	472	11.19	$126.72*
[Dual CPU] AMD Opteron 254	816	481	NA	NA
[Dual CPU] AMD Opteron 256	1853	468	48.76	$38.00*
[Dual CPU] AMD Opteron 265	2010	466	13.77	$146.00
[Dual CPU] AMD Opteron 270	2226	462	1.83	$1,214.94*
[Dual CPU] AMD Opteron 275	2133	465	13.00	$164.10
[Dual CPU] AMD Opteron 280	2452	457	1.54	$1,593.34*
[Dual CPU] AMD Opteron 285	2769	447	17.32	$159.90
[Dual CPU] AMD Opteron 290	2716	449	10.06	$270.00*
[Dual CPU] AMD Opteron 850	1410	473	0.47	$3,028.00*
[Dual CPU] AMD Opteron 885	2851	443	NA	NA
[Dual CPU] AMD Opteron 2212	2203	463	55.08	$40.00*
[Dual CPU] AMD Opteron 2214	2344	458	40.41	$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	456	NA	NA
[Dual CPU] AMD Opteron 2216	2485	455	48.16	$51.60
[Dual CPU] AMD Opteron 2216 HE	2593	451	NA	NA
[Dual CPU] AMD Opteron 2218	2719	448	17.00	$159.90
[Dual CPU] AMD Opteron 2218 HE	2514	452	NA	NA

[Dual CPU] AMD Opteron 2220	2854	442	17.85	$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	441	57.64	$50.00*
[Dual CPU] AMD Opteron 2222	2998	438	0.90	$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	432	45.30	$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	422	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	429	7.36	$471.66*
[Dual CPU] AMD Opteron 2350	4078	423	25.50	$159.90*
[Dual CPU] AMD Opteron 2354	4554	411	6.86	$664.06*
[Dual CPU] AMD Opteron 2356	4441	414	42.70	$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	393	75.93	$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	420	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	407	12.63	$379.98*
[Dual CPU] AMD Opteron 2376	5238	394	15.70	$333.62*
[Dual CPU] AMD Opteron 2378	5318	392	14.85	$358.00*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
[Dual CPU] AMD Opteron 2380	5754	378	63.93	$90.00
[Dual CPU] AMD Opteron 2384	5714	380	3.40	$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	366	NA	NA
[Dual CPU] AMD Opteron 2389	5677	381	48.11	$118.00*
[Dual CPU] AMD Opteron 2419	5191	396	216.47	$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	367	NA	NA
[Dual CPU] AMD Opteron 2427	5907	376	36.94	$159.90
[Dual CPU] AMD Opteron 2431	6438	360	80.48	$80.00*
[Dual CPU] AMD Opteron 2435	7068	344	18.70	$378.00*
[Dual CPU] AMD Opteron 2439 SE	8071	314	44.84	$179.98*
[Dual CPU] AMD Opteron 4122	4076	424	16.31	$249.98*
[Dual CPU] AMD Opteron 4130	5651	383	24.58	$229.90*
[Dual CPU] AMD Opteron 4170 HE	6344	363	53.76	$118.00*
[Dual CPU] AMD Opteron 4180	6367	361	7.77	$819.90
[Dual CPU] AMD Opteron 4184	7813	319	7.51	$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	313	80.90	$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	316	NA	NA
[Dual CPU] AMD Opteron 4234	8953	288	19.46	$459.98*
[Dual CPU] AMD Opteron 4274 HE	6797	351	84.98	$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	272	NA	NA
[Dual CPU] AMD Opteron 4280	4525	412	45.25	$100.00*
[Dual CPU] AMD Opteron 4284	9151	281	76.27	$119.98*
[Dual CPU] AMD Opteron 4334	9456	279	21.85	$432.84*
[Dual CPU] AMD Opteron 4340	10419	251	21.71	$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	260	8.15	$1,257.44*

[Dual CPU] AMD Opteron 4386	11410	233	40.75	$279.98*
[Dual CPU] AMD Opteron 6128	6762	352	178.04	$37.98
[Dual CPU] AMD Opteron 6128 HE	5582	386	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	298	NA	NA
[Dual CPU] AMD Opteron 6134	7586	330	86.22	$87.98*
[Dual CPU] AMD Opteron 6136	7255	338	32.98	$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	399	NA	NA
[Dual CPU] AMD Opteron 6168	7741	325	6.67	$1,159.90
[Dual CPU] AMD Opteron 6172	7621	329	19.24	$396.00
[Dual CPU] AMD Opteron 6174	7783	320	48.67	$159.90
[Dual CPU] AMD Opteron 6176 SE	8448	303	26.57	$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	435	16.40	$189.90
[Dual CPU] AMD Opteron 6204	7134	340	50.96	$139.98*
[Dual CPU] AMD Opteron 6212	8927	292	148.83	$59.98*
[Dual CPU] AMD Opteron 6220	10740	247	89.51	$119.98*
[Dual CPU] AMD Opteron 6234	10079	265	168.26	$59.90*
[Dual CPU] AMD Opteron 6238	10349	254	14.38	$719.78*
[Dual CPU] AMD Opteron 6272	9841	269	70.30	$139.98
[Dual CPU] AMD Opteron 6274	10536	249	117.09	$89.98
[Dual CPU] AMD Opteron 6275	10900	245	NA	NA
[Dual CPU] AMD Opteron 6276	10101	264	29.88	$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	226	17.12	$699.98*
[Dual CPU] AMD Opteron 6308	8351	305	13.47	$619.96
[Dual CPU] AMD Opteron 6320	10716	248	20.88	$513.18
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
[Dual CPU] AMD Opteron 6328	12013	225	16.73	$718.00
[Dual CPU] AMD Opteron 6344	11203	239	14.40	$778.00
[Dual CPU] AMD Opteron 6348	11412	232	18.64	$612.20
[Dual CPU] AMD Opteron 6366 HE	12147	219	202.52	$59.98*
[Dual CPU] AMD Opteron 6376	10405	253	80.04	$130.00
[Dual CPU] AMD Opteron 6378	9145	282	24.07	$380.00
[Dual CPU] AMD Opteron 6380	14200	184	120.34	$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	218	42.05	$289.98
[Dual CPU] AMD Opteron 8218	2831	444	61.54	$46.00
[Dual CPU] AMD Opteron 8220	2510	453	15.70	$159.90
[Dual CPU] AMD Opteron 8222 SE	2793	446	0.45	$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	433	67.15	$48.00
[Dual CPU] AMD Opteron 8380	5643	384	13.70	$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	395	NA	NA

[Dual CPU] AMD Opteron 8389	6517	357	41.25	$158.00*
[Dual CPU] AMD Opteron 8431	5813	377	207.76	$27.98*
[Dual CPU] AMD Opteron 8435	6739	353	46.80	$144.00*
[Dual CPU] AMD Opteron 8439 SE	7691	327	64.09	$120.00
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	474	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	460	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	428	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	317	2.19	$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	495	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	493	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	490	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	540	489	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	496	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	497	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	494	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	492	25.99	$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	487	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	679	483	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	482	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	485	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	480	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	479	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	927	478	0.54	$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	467	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	477	0.58	$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	464	30.53	$70.00*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2315	459	0.71	$3,239.98*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	450	41.62	$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	436	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2975	439	59.52	$49.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	437	114.20	$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3409	430	12.18	$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3826	426	51.03	$74.98*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8929	291	18.64	$479.06
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11012	242	15.81	$696.66*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	368	26.47	$234.38
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	365	87.58	$71.98*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	336	43.00	$169.84
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	284	39.02	$231.12*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11299	236	14.49	$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	227	113.06	$105.34*
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	308	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13220	204	173.95	$76.00*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	188	142.59	$96.52
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	10818	246	167.57	$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	215	NA	NA
[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	12419	213	155.28	$79.98
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	206	12.60	$1,019.90*
[Dual CPU] Intel Xeon E5-2448L @ 1.80GHz	11334	235	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15680	168	120.65	$129.96
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	15106	176	48.73	$310.00*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11664	229	44.86	$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	13442	198	52.51	$256.00*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	139	41.83	$444.00
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	364	127.11	$49.88*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	356	54.34	$119.98*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	304	62.24	$134.46
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8932	290	17.18	$520.00*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8162	311	42.49	$192.08*
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	9017	285	90.19	$99.98*
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	267	47.29	$212.06
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	243	15.28	$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12248	217	211.25	$57.98
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13225	203	165.35	$79.98

[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15256	174	108.99	$139.98
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16453	157	20.62	$797.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14339	183	11.05	$1,298.00*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12620	209	11.49	$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	181	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13491	197	168.85	$79.90
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15943	163	181.42	$87.88
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18498	143	94.38	$196.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18725	138	14.21	$1,318.00
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11384	234	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	190	175.27	$78.20*
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	175	22.33	$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7706	326	4.35	$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15884	165	93.45	$169.98*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16401	158	48.24	$339.98
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16703	156	7.81	$2,139.90*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14662	180	75.87	$193.24*
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14505	182	45.25	$320.58*
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19881	124	13.98	$1,422.58*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20530	117	11.15	$1,840.54*
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 @ 3.30GHz	13673	191	114.04	$119.90*
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20761	114	74.69	$277.98
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21023	108	42.05	$500.00*
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	101	6.44	$3,342.50*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12399	214	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	187	4.67	$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	145	5.79	$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15056	177	167.29	$90.00

[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18892	136	131.10	$144.10
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20337	120	63.96	$317.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20809	112	7.54	$2,759.76
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	13621	194	86.21	$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14152	185	52.09	$271.68*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	109	6.99	$2,992.00*
[Dual CPU] Intel Xeon E5-2652 v3 @ 2.30GHz	19588	127	8.36	$2,342.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13855	186	4.74	$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	137	52.29	$359.98*
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	131	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	147	4.85	$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16378	159	58.70	$279.00
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17795	146	51.14	$347.96*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22658	92	24.81	$913.32
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23188	85	7.73	$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	86	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17026	152	83.16	$204.74
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	71	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16376	160	158.38	$103.40
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22686	91	31.51	$719.98
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22609	94	28.39	$796.28
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22916	88	5.88	$3,898.06*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18170	144	129.79	$140.00
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20611	116	39.91	$516.40
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22298	97	65.58	$340.00
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	82	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	21751	100	15.54	$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	61	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19762	125	NA	NA

[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21434	105	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	39	5.54	$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18555	142	120.60	$153.86
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21461	102	59.95	$358.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24247	77	40.55	$598.00
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22761	90	7.54	$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	153	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21194	107	20.78	$1,019.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	69	5.66	$4,417.86*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	98	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26907	58	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	47	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20807	113	48.39	$429.98*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23315	83	32.39	$719.80
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24293	76	20.59	$1,179.98
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	59	6.13	$4,349.98*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19404	130	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	25703	66	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19639	126	95.68	$205.26
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23625	79	43.34	$545.16
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25801	65	52.66	$490.00
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27411	56	6.32	$4,339.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20921	110	40.39	$517.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24793	72	25.30	$979.98
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	75	6.81	$3,618.00*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23501	81	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	37	6.07	$4,996.00*

[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31774	31	5.28	$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23308	84	30.70	$759.24
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27424	55	30.71	$893.00
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30440	36	4.98	$6,109.98*
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	29185	43	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	28325	51	19.16	$1,478.00
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	35	4.78	$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	29	4.44	$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	78	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26341	62	5.25	$5,018.00*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	22	5.06	$6,719.00
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	115	NA	NA
[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz	15383	171	85.56	$179.80*
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	129	19.15	$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	164	2.91	$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	134	35.31	$544.08*
[Dual CPU] Intel Xeon E5-4640 v3 @ 1.90GHz	20468	118	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	128	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18565	140	132.63	$139.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	178	1.94	$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	13742	189	57.26	$239.98*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	95	2.34	$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	54	2.54	$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	220	44.98	$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	167	NA	NA
[Dual CPU] Intel Xeon E7-4830 @ 2.13GHz	9539	278	147.66	$64.60*
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	96	1.81	$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	224	1.42	$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15263	173	40.38	$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10965	244	27.41	$399.98*

[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz	10207	262	1.02	$10,017.02*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	461	120.97	$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	425	22.74	$177.56*
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3554	427	36.27	$98.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4166	419	53.75	$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	402	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	410	128.28	$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5120	398	64.02	$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5138	397	64.31	$79.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6009	373	14.38	$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6348	362	50.42	$125.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6831	350	30.77	$221.98*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7126	341	35.99	$198.00*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7499	333	69.44	$108.00*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7093	343	129.91	$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7769	321	129.31	$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2492	454	13.12	$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2803	445	4.88	$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4878	406	34.87	$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4990	401	39.60	$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	389	5.92	$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7300	337	255.78	$28.54*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7576	331	291.38	$26.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7753	323	65.70	$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	421	16.04	$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	387	12.57	$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5947	375	42.96	$138.42*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	7987	315	58.31	$136.98
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8329	306	118.99	$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8662	297	154.73	$55.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10237	261	62.96	$162.60
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10259	258	50.34	$203.78*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	388	87.81	$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	391	29.87	$179.98*
[Dual CPU] Intel Xeon E7540 @ 2.00GHz	6738	354	210.96	$31.94*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	99	8.41	$2,618.10*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21437	103	NA	NA

[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	106	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22617	93	10.78	$2,098.72
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	68	8.04	$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17463	149	6.82	$2,560.24
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	57	10.14	$2,698.00*
[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	22983	87	6.92	$3,319.90*
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	135	7.83	$2,442.00*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28610	49	7.57	$3,780.04
[Dual CPU] Intel Xeon Gold 6126T @ 2.60GHz	20420	119	5.47	$3,730.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22875	89	6.50	$3,519.50*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26585	60	6.86	$3,875.58
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	53	5.48	$5,017.90
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	24666	74	5.74	$4,300.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29961	38	5.73	$5,227.18*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	52	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34125	21	6.49	$5,257.90
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	28	6.68	$4,879.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	46	4.72	$6,116.66*
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	29907	40	NA	NA
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28723	48	4.91	$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29655	41	3.22	$9,217.90*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36731	15	6.28	$5,850.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32941	27	5.01	$6,569.90
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33142	25	4.48	$7,404.24*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	13	4.75	$7,818.00*
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	24959	70	5.62	$4,440.00*

[Dual CPU] Intel Xeon Gold 6242 @ 2.80GHz	33019	26	6.16	$5,356.98
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31379	33	4.17	$7,527.00
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	33741	23	5.13	$6,572.00*
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38755	8	5.87	$6,599.98*
[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz	37405	11	4.68	$7,999.98*
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41159	4	5.55	$7,418.00
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	413	71.16	$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	417	30.62	$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	404	130.15	$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	385	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	370	30.58	$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	359	117.60	$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	372	19.22	$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	403	11.00	$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	348	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6961	347	271.49	$25.64*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7553	332	196.08	$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	6973	346	166.10	$41.98*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8693	295	62.18	$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9607	275	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9663	273	57.96	$166.72
[Dual CPU] Intel Xeon MP 2.50GHz	550	488	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	491	5.98	$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	484	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	469	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	17	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	37838	10	2.46	$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	42	2.96	$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	7	3.33	$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36410	16	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	18	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	12	1.86	$20,030.00*
[Dual CPU] Intel Xeon Platinum 8260 @ 2.40GHz	38657	9	4.11	$9,404.00*

[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	5	3.26	$12,604.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	162	15.66	$1,019.90*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16728	155	18.42	$907.96
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	195	13.24	$1,027.98*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19256	133	14.60	$1,318.88
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	104	11.36	$1,886.26*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	123	19.96	$1,002.00*
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz	25402	67	15.86	$1,602.06*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10062	266	47.01	$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10249	259	2.04	$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	257	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	408	44.05	$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	409	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	405	17.46	$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5737	379	9.25	$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6198	369	39.74	$155.98*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7436	334	62.01	$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7817	318	39.17	$199.56*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	312	21.52	$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7769	322	17.26	$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8175	310	40.88	$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8672	296	3.12	$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8758	293	14.36	$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	8995	286	132.32	$67.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9279	280	52.13	$178.00
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9642	274	241.90	$39.86*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11239	237	191.20	$58.78*
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11648	230	69.23	$168.24*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10289	256	220.51	$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12082	221	177.68	$68.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10320	255	114.69	$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12447	210	115.27	$107.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11160	240	146.53	$76.16*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13428	199	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13338	200	95.27	$140.00

[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11742	228	104.24	$112.64*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13662	192	58.53	$233.40
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	302	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	355	91.61	$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	294	6.15	$1,417.90*
[Dual CPU] Intel Xeon X7542 @ 2.67GHz	8972	287	13.22	$678.48*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	268	18.07	$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11230	238	255.23	$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	418	46.34	$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	400	11.46	$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	416	9.75	$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	415	27.37	$159.90
[Dual CPU] Quad-Core AMD Opteron 8378	5382	390	30.51	$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	349	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	382	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	374	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	307	NA	NA
[Quad CPU] AMD Opteron 6136	9767	270	22.20	$440.00*
[Quad CPU] AMD Opteron 6174	8594	300	26.87	$319.80
[Quad CPU] AMD Opteron 6272	12292	216	43.91	$279.96
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
[Quad CPU] AMD Opteron 6274	10488	250	58.28	$179.96
[Quad CPU] AMD Opteron 6276	15342	172	22.70	$676.00
[Quad CPU] AMD Opteron 6278	12055	222	24.31	$495.80
[Quad CPU] AMD Opteron 6282 SE	11044	241	4.31	$2,560.00
[Quad CPU] AMD Opteron 6376	13257	202	50.99	$260.00
[Quad CPU] AMD Opteron 6378	20859	111	27.45	$760.00
[Quad CPU] AMD Opteron 6380	12442	211	52.72	$236.00
[Quad CPU] AMD Opteron 8360 SE	6490	358	77.26	$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	371	NA	NA
[Quad CPU] AMD Opteron 8382	8553	301	10.74	$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	335	NA	NA
[Quad CPU] AMD Opteron 8431	8252	309	147.46	$55.96*
[Quad CPU] AMD Opteron 8435	7099	342	24.65	$288.00*
[Quad CPU] AMD Opteron 8439 SE	8943	289	37.26	$240.00
[Quad CPU] Intel Xeon 3.00GHz	1472	470	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	431	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	154	46.92	$359.60*

[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	14669	179	27.32	$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	193	42.59	$319.96*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	73	12.12	$2,035.80*
[Quad CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	20036	122	18.41	$1,088.16*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	17127	151	61.18	$279.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	63	12.87	$2,035.80*
[Quad CPU] Intel Xeon E5-4650L @ 2.60GHz	18557	141	38.66	$479.96*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	34	2.14	$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	121	3.36	$6,008.00*
[Quad CPU] Intel Xeon E7-4830 @ 2.13GHz	13606	196	105.31	$129.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	161	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	20	1.39	$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	50	1.25	$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	30	NA	NA
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	36830	14	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	15433	169	96.48	$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17398	150	131.84	$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15429	170	20.41	$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	208	15.87	$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	166	0.79	$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	345	20.65	$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	324	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	263	28.32	$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	276	40.56	$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	283	14.31	$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	64	5.10	$5,120.48
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	19	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	6	2.75	$14,808.48*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	271	NA	NA

[Quad CPU] Intel Xeon L7555 @ 1.87GHz	10406	252	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	3	1.10	$40,060.00*
[Quad CPU] Intel Xeon Platinum 8180M @ 2.50GHz	48904	2	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 X7350 @ 2.93GHz	9542	277	66.28	$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	223	4.24	$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	299	6.36	$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	231	10.45	$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	12824	207	145.73	$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	339	22.42	$319.80

** - Last price seen from our affiliates.*

Ad closed by Google

Copyright © 2019 PassMark® Software