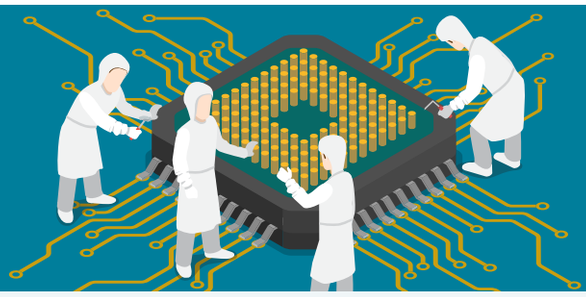
CPU Benchmarks

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.

Find CPU

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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
Common
Most Benchmarked
AMD vs Intel Market Share
Year on Year Performance

Single CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4 Micro-6400T APU	1550	2015	NA	NA
AMD A4 PRO-3340B	2402	1615	NA	NA
AMD A4 PRO-7300B APU	2353	1635	NA	NA
AMD A4 PRO-7350B	2227	1686	NA	NA
AMD A4-1200 APU	632	2480	NA	NA
AMD A4-1250 APU	622	2486	NA	NA
AMD A4-3300 APU	1504	2037	137.35	$10.95
AMD A4-3300M APU	1186	2207	39.55	$29.99*
AMD A4-3305M APU	1228	2182	39.86	$30.81
AMD A4-3310MX APU	1286	2144	NA	NA
AMD A4-3320M APU	1253	2170	33.96	$36.90
AMD A4-3330MX APU	1218	2188	NA	NA
AMD A4-3400 APU	1594	1994	18.12	$87.95
AMD A4-3420 APU	1664	1957	NA	NA
AMD A4-4000 APU	1826	1873	91.53	$19.95
AMD A4-4020 APU	1909	1830	23.00	$83.00
AMD A4-4300M APU	1616	1982	40.54	$39.86
AMD A4-4355M APU	1177	2209	NA	NA
AMD A4-5000 APU	1922	1824	NA	NA
AMD A4-5050 APU	2124	1727	NA	NA
AMD A4-5100 APU	2060	1759	NA	NA
AMD A4-5150M APU	1864	1856	NA	NA
AMD A4-5300 APU	1483.3953552246	2048	70.98	$20.90
AMD A4-5300B APU	2139	1716	56.29	$38.00*

AMD A4-6210 APU	2173	1704	NA	NA
AMD A4-6250J APU	2537	1568	NA	NA
AMD A4-6300 APU	2228	1685	79.77	$27.93
AMD A4-6300B APU	2159	1711	21.59	$100.00*
AMD A4-6320 APU	2329	1640	33.28	$69.99*
AMD A4-7210 APU	2526	1571	NA	NA
AMD A4-7300 APU	2315	1645	77.30	$29.95
AMD A4-9120	1956	1806	NA	NA
AMD A4-9120C	1539	2019	NA	NA
AMD A4-9125	1508.6391601562	2034	NA	NA
AMD A6 Micro-6500T APU	1834	1868	NA	NA
AMD A6 PRO-7050B APU	1616	1981	NA	NA
AMD A6 PRO-7400B	2621	1537	NA	NA
AMD A6-1450 APU	1539	2020	NA	NA
AMD A6-3400M APU	1886	1847	62.93	$29.97*
AMD A6-3410MX APU	2050	1762	513.78	$3.99*
AMD A6-3420M APU	1706.5913696289	1930	NA	NA
AMD A6-3430MX APU	2200	1696	NA	NA
AMD A6-3500 APU	2029	1771	50.74	$39.99*
AMD A6-3600 APU	2707	1514	135.69	$19.95
AMD A6-3620 APU	2792	1479	121.66	$22.95
AMD A6-3650 APU	3141	1355	131.15	$23.95
AMD A6-3670 APU	2726.5535888672	1507	4.47	$610.00*
AMD A6-4400M APU	1644	1968	84.31	$19.50
AMD A6-4455M APU	1286	2145	NA	NA
AMD A6-5200 APU	2129.1734008789	1723	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD A6-5345M APU	1476	2051	NA	NA
AMD A6-5350M APU	1909	1831	44.27	$43.12
AMD A6-5357M APU	1961	1803	NA	NA
AMD A6-5400B APU	2243	1678	21.35	$105.04*
AMD A6-5400K APU	1800.6296386719	1879	78.42	$22.96
AMD A6-6310 APU	2470	1595	NA	NA
AMD A6-6400B APU	2281	1658	NA	NA
AMD A6-6400K APU	1558.6956481934	2011	39.02	$39.95
AMD A6-6420B APU	2612	1539	NA	NA
AMD A6-6420K APU	2373	1628	15.82	$149.99*
AMD A6-7000	1667	1954	NA	NA
AMD A6-7310 APU	2239.2302856445	1681	NA	NA
AMD A6-7400K APU	2784	1484	34.82	$79.95
AMD A6-7470K	2739	1503	24.77	$110.56
AMD A6-7480	3096	1372	70.38	$43.99*
AMD A6-8500P	2202	1695	NA	NA

AMD A6-8550	3032	1396	NA	NA
AMD A6-9200	1763	1897	NA	NA
AMD A6-9210	1755	1903	NA	NA
AMD A6-9220	2156	1712	NA	NA
AMD A6-9220C	1962	1802	NA	NA
AMD A6-9220e	1586	1998	NA	NA
AMD A6-9225	1567.2352294922	2005	NA	NA
AMD A6-9230	2102	1735	NA	NA
AMD A6-9400	2717	1509	NA	NA
AMD A6-9500	3038	1395	61.11	$49.71
AMD A6-9500E	2889	1451	46.30	$62.40
AMD A8 PRO-7150B APU	2654	1525	NA	NA
AMD A8 PRO-7600B APU	4740	999	NA	NA
AMD A8-3500M APU	1985	1788	28.38	$69.95
AMD A8-3510MX APU	2410	1612	NA	NA
AMD A8-3520M APU	2169	1706	NA	NA
AMD A8-3530MX APU	2355	1633	NA	NA
AMD A8-3550MX APU	2610	1541	NA	NA
AMD A8-3800 APU	3004	1407	25.04	$119.95*
AMD A8-3820 APU	3102	1370	24.82	$124.99*
AMD A8-3850 APU	3458	1262	86.54	$39.96
AMD A8-3870K APU	3531	1243	84.07	$42.00
AMD A8-4500M APU	2667	1521	NA	NA
AMD A8-4555M APU	1789.8490600586	1884	NA	NA
AMD A8-5500 APU	4000	1145	67.85	$58.95
AMD A8-5500B APU	4043	1138	73.58	$54.95
AMD A8-5545M APU	2264.8250732422	1669	NA	NA
AMD A8-5550M APU	3002	1408	NA	NA
AMD A8-5557M APU	2956	1425	NA	NA
AMD A8-5600K APU	4345	1080	106.23	$40.90
AMD A8-6410 APU	2579	1549	NA	NA
AMD A8-6500 APU	4399	1068	80.05	$54.95
AMD A8-6500B APU	4614	1020	92.37	$49.95
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD A8-6500T APU	3276	1310	NA	NA
AMD A8-6600K APU	3953.7436523438	1153	60.87	$64.95
AMD A8-7050	1824	1874	NA	NA
AMD A8-7100 APU	2798	1477	NA	NA
AMD A8-7200P	3338	1297	NA	NA
AMD A8-7410 APU	2754	1497	NA	NA
AMD A8-7500	5755	826	NA	NA
AMD A8-7600 APU	3860.4627075195	1170	65.44	$58.99
AMD A8-7650K	3898.2223307292	1163	16.95	$230.00*

AMD A8-7670K	5089	929	31.59	$161.10*
AMD A8-7680	5355	890	89.26	$59.99*
AMD A8-8600P	3248	1319	NA	NA
AMD A8-8650	5465	868	NA	NA
AMD A8-9600	4254.4514160156	1099	66.43	$64.04
AMD A9-9400	2310	1647	NA	NA
AMD A9-9410	2529	1570	NA	NA
AMD A9-9420	2088.9339599609	1738	NA	NA
AMD A9-9420e	1774	1891	NA	NA
AMD A9-9425	1978.0286458333	1793	NA	NA
AMD A9-9430	2547	1563	NA	NA
AMD A10 Micro-6700T APU	1970	1798	NA	NA
AMD A10 PRO-7350B APU	3152	1350	NA	NA
AMD A10 PRO-7800B APU	4935	957	NA	NA
AMD A10 PRO-7850B APU	5380	886	NA	NA
AMD A10-4600M APU	3117	1367	31.19	$99.95
AMD A10-4655M APU	2606	1542	NA	NA
AMD A10-4657M APU	2906	1442	NA	NA
AMD A10-5700 APU	4215	1109	70.31	$59.95
AMD A10-5745M APU	2769	1489	NA	NA
AMD A10-5750M APU	3341	1295	40.30	$82.90
AMD A10-5757M APU	3084	1380	NA	NA
AMD A10-5800B APU	4639	1015	NA	NA
AMD A10-5800K APU	3506.0504150391	1252	58.48	$59.95
AMD A10-6700 APU	4603	1026	62.24	$73.95
AMD A10-6700T APU	3711	1205	25.14	$147.61*
AMD A10-6790K APU	4718	1002	55.54	$84.95
AMD A10-6800B APU	4822	979	NA	NA
AMD A10-6800K APU	4863	971	48.63	$99.99
AMD A10-7300 APU	2302.3181152344	1652	NA	NA
AMD A10-7400P	3608	1225	NA	NA
AMD A10-7700K APU	5119	926	51.87	$98.68
AMD A10-7800 APU	4976	953	48.13	$103.39*
AMD A10-7850K APU	5465	869	37.70	$144.95
AMD A10-7860K	4206.5950927734	1111	24.04	$175.00*
AMD A10-7870K	5477	865	24.13	$226.99*
AMD A10-7890K	5702	831	28.51	$199.99*
AMD A10-8700P	2479.5231933594	1592	NA	NA
AMD A10-8750	5030	941	NA	NA
AMD A10-8850	5604	843	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD A10-9600P	3759	1193	NA	NA
AMD A10-9620P	3668	1214	NA	NA

AMD A10-9630P	4436	1062	NA	NA
AMD A10-9700	5384	885	63.35	$84.99
AMD A10-9700E	4727	1001	30.67	$154.10*
AMD A12-9700P	3156.7506103516	1349	NA	NA
AMD A12-9720P	3443.6275634766	1266	NA	NA
AMD A12-9730P	4417	1065	NA	NA
AMD A12-9800	5579	850	37.63	$148.24*
AMD A12-9800E	5031	940	32.56	$154.50
AMD Athlon64 X2 Dual Core 4600+	1108	2246	NA	NA
AMD Athlon 64 2000+	177	2802	NA	NA
AMD Athlon 64 2600+	374	2638	NA	NA
AMD Athlon 64 2800+	438	2588	4.38	$99.99*
AMD Athlon 64 3000+	464	2566	30.17	$15.38
AMD Athlon 64 3100+	484	2554	NA	NA
AMD Athlon 64 3200+	494	2544	3.29	$149.95*
AMD Athlon 64 3300+	576	2503	NA	NA
AMD Athlon 64 3400+	545	2514	NA	NA
AMD Athlon 64 3500+	541	2519	4.97	$108.95
AMD Athlon 64 3700+	598	2495	8.67	$69.00*
AMD Athlon 64 3800+	589	2498	29.52	$19.95
AMD Athlon 64 4000+	608	2489	40.40	$15.05
AMD Athlon 64 FX-55	721	2446	4.01	$179.95*
AMD Athlon 64 FX-57	740	2440	NA	NA
AMD Athlon 64 FX-59	715	2449	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2148	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	2002	NA	NA
AMD Athlon 64 FX-74	1495	2043	2.99	$499.50*
AMD Athlon 64 X2 3800+	958	2333	NA	NA
AMD Athlon 64 X2 Dual Core 3400+	994	2312	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2327	19.24	$50.00
AMD Athlon 64 X2 Dual Core 3800+	1000	2305	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1044	2277	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1096	2249	5.62	$194.95
AMD Athlon 64 X2 Dual Core 4400+	1145	2230	22.90	$49.99
AMD Athlon 64 X2 Dual Core 4600+	1220	2187	3.39	$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1253	2169	52.23	$23.99
AMD Athlon 64 X2 Dual Core 5000+	1314	2126	3.96	$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1091.4759521484	2252	18.19	$60.00*
AMD Athlon 64 X2 Dual Core 5400+	1444	2067	27.25	$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1487	2046	99.46	$14.95
AMD Athlon 64 X2 Dual Core 5800+	1516	2030	60.66	$24.99*
AMD Athlon 64 X2 Dual Core 6000+	1602	1989	87.21	$18.37
AMD Athlon 64 X2 Dual Core 6400+	1785	1887	54.17	$32.95

AMD Athlon 64 X2 Dual Core BE-2300	1082	2261	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2278	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2394	27.99	$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2395	14.53	$57.74*
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 TK-42	877	2374	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	823	2402	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	870	2376	11.96	$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	924	2355	NA	NA
AMD Athlon 64 X2 QL-60	924	2354	NA	NA
AMD Athlon 64 X2 QL-62	1005	2299	NA	NA
AMD Athlon 64 X2 QL-64	994	2309	NA	NA
AMD Athlon 64 X2 QL-65	1050	2276	NA	NA
AMD Athlon 64 X2 QL-66	947	2340	NA	NA
AMD Athlon 64 X2 QL-67	1006	2298	NA	NA
AMD Athlon 200GE	4564.7674153646	1030	58.63	$77.86
AMD Athlon 220GE	5209	914	68.55	$75.99
AMD Athlon 240GE	5433	876	71.56	$75.92
AMD Athlon 300GE	5517	860	NA	NA
AMD Athlon 300U	4553	1032	NA	NA
AMD Athlon 1500+	294	2718	NA	NA
AMD Athlon 1640B	670	2469	13.40	$50.00*
AMD Athlon 2650e	407	2611	21.42	$19.00*
AMD Athlon 2800+	447	2581	3.19	$139.95*
AMD Athlon 2850e	506	2539	NA	NA
AMD Athlon 3000G	5284	902	96.09	$54.99*
AMD Athlon 5000 Dual-Core	1292	2139	89.47	$14.44
AMD Athlon 5150 APU	2112	1730	30.19	$69.95
AMD Athlon 5200 Dual-Core	1266	2164	105.94	$11.95
AMD Athlon 5350 APU	2611	1540	19.34	$134.98
AMD Athlon 5370 APU	2915	1438	45.76	$63.70*
AMD Athlon 7450 Dual-Core	1449	2065	NA	NA
AMD Athlon 7550 Dual-Core	1472	2053	29.44	$50.00
AMD Athlon 7750 Dual-Core	1569	2004	10.26	$152.99*
AMD Athlon 7850 Dual-Core	1710	1927	123.91	$13.80
AMD Athlon Dual Core 4050e	1086	2257	NA	NA
AMD Athlon Dual Core 4450B	1170	2217	37.74	$31.00*
AMD Athlon Dual Core 4450e	1111	2243	76.73	$14.48
AMD Athlon Dual Core 4850B	1391	2085	NA	NA
AMD Athlon Dual Core 4850e	1312	2127	33.64	$39.00*
AMD Athlon Dual Core 5000B	1310	2130	13.79	$95.00*
AMD Athlon Dual Core 5050e	1346	2114	22.43	$60.00*
AMD Athlon Dual Core 5200B	1316	2125	NA	NA

AMD Athlon Dual Core 5400B	1420	2076	NA	NA
AMD Athlon Dual Core 5600B	1304	2133	NA	NA
AMD Athlon II 160u	563	2509	18.77	$29.99*
AMD Athlon II 170u	627	2482	34.85	$17.99
AMD Athlon II Dual-Core M300	1113	2241	NA	NA
AMD Athlon II Dual-Core M320	1141	2231	38.03	$30.00*
AMD Athlon II Dual-Core M340	1056	2272	NA	NA
AMD Athlon II N330 Dual-Core	1154	2225	NA	NA
AMD Athlon II N350 Dual-Core	1249	2175	NA	NA
AMD Athlon II N370 Dual-Core	1559	2010	NA	NA
AMD Athlon II Neo K125	477	2558	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Athlon II Neo K145	525	2527	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2422	29.82	$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2383	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2415	NA	NA
AMD Athlon II P320 Dual-Core	1215	2190	40.57	$29.95*
AMD Athlon II P340 Dual-Core	1251	2174	25.05	$49.95
AMD Athlon II P360 Dual-Core	1009.768737793	2296	42.07	$24.00*
AMD Athlon II X2 210e	1593	1995	NA	NA
AMD Athlon II X2 215	1567	2006	130.69	$11.99*
AMD Athlon II X2 220	1635	1973	81.79	$19.99*
AMD Athlon II X2 235e	1658	1963	9.12	$181.88*
AMD Athlon II X2 240	1645	1967	65.93	$24.95
AMD Athlon II X2 240e	1697	1936	48.56	$34.95*
AMD Athlon II X2 245	1660	1962	47.50	$34.95*
AMD Athlon II X2 245e	1714	1924	20.54	$83.45
AMD Athlon II X2 250	1469.4157104492	2055	87.83	$16.73
AMD Athlon II X2 250e	1939	1815	25.27	$76.73*
AMD Athlon II X2 250u	1004	2300	59.23	$16.95
AMD Athlon II X2 255	1842	1864	168.99	$10.90
AMD Athlon II X2 260	1878	1849	93.95	$19.99*
AMD Athlon II X2 260u	1107	2247	13.27	$83.44*
AMD Athlon II X2 265	1892	1840	22.83	$82.88*
AMD Athlon II X2 270	1975	1794	123.44	$16.00
AMD Athlon II X2 270u	1285	2146	18.99	$67.67*
AMD Athlon II X2 280	2133	1721	64.83	$32.90
AMD Athlon II X2 4300e	1483	2049	NA	NA
AMD Athlon II X2 4400e	1632	1975	NA	NA
AMD Athlon II X2 4450e	1504	2036	NA	NA
AMD Athlon II X2 B22	1715	1921	41.14	$41.69*
AMD Athlon II X2 B24	1787	1886	74.15	$24.10
AMD Athlon II X2 B26	1903	1835	42.34	$44.95*

AMD Athlon II X2 B28	2085	1741	42.51	$49.05*
AMD Athlon II X3 400e	2000	1784	18.62	$107.43*
AMD Athlon II X3 405e	2000	1785	25.00	$79.99*
AMD Athlon II X3 415e	2224	1689	29.65	$75.00*
AMD Athlon II X3 420e	2285	1657	19.67	$116.15*
AMD Athlon II X3 425	2304	1649	85.36	$26.99*
AMD Athlon II X3 435	2470	1594	82.36	$29.99*
AMD Athlon II X3 440	2567	1557	95.11	$26.99*
AMD Athlon II X3 445	2573	1555	185.11	$13.90
AMD Athlon II X3 450	2618	1538	181.81	$14.40
AMD Athlon II X3 455	2762	1493	171.55	$16.10
AMD Athlon II X3 460	2864	1460	73.45	$38.99*
AMD Athlon II X4 553	3814	1182	NA	NA
AMD Athlon II X4 555	3830	1177	NA	NA
AMD Athlon II X4 559	4123	1126	NA	NA
AMD Athlon II X4 600e	2465	1596	18.93	$130.23*
AMD Athlon II X4 605e	2715	1510	26.67	$101.80*
AMD Athlon II X4 610e	2789	1482	39.85	$69.99*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Athlon II X4 615e	2899	1449	49.14	$59.00*
AMD Athlon II X4 620	2927	1433	146.72	$19.95
AMD Athlon II X4 630	3131	1360	210.13	$14.90
AMD Athlon II X4 631 Quad-Core	3142	1354	90.05	$34.89
AMD Athlon II X4 635	3228	1324	191.01	$16.90
AMD Athlon II X4 638 Quad-Core	3198	1334	120.72	$26.49*
AMD Athlon II X4 640	2668.4969075521	1519	127.68	$20.90
AMD Athlon II X4 641 Quad-Core	3338	1298	41.80	$79.86
AMD Athlon II X4 645	3460	1261	138.96	$24.90
AMD Athlon II X4 650	3483	1257	20.91	$166.60*
AMD Athlon II X4 651 Quad-Core	3565	1235	162.05	$22.00
AMD Athlon II X4 655	2998	1410	NA	NA
AMD Athlon L110	303	2702	NA	NA
AMD Athlon LE-1600	557	2511	26.52	$21.00*
AMD Athlon LE-1620	569	2507	31.61	$18.00*
AMD Athlon LE-1640	629	2481	NA	NA
AMD Athlon LE-1660	677	2466	NA	NA
AMD Athlon Neo MV-40	410	2606	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2302	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2421	NA	NA
AMD Athlon Neo X2 Dual Core L335	831	2397	NA	NA
AMD Athlon PRO 200GE	5133	925	NA	NA
AMD Athlon PRO 300GE	5554	855	NA	NA
AMD Athlon TF-20	413	2603	NA	NA

AMD Athlon TF-36	395	2622	NA	NA
AMD Athlon X2 215	1543	2017	NA	NA
AMD Athlon X2 240	1611	1984	NA	NA
AMD Athlon X2 240e	1670	1949	NA	NA
AMD Athlon X2 250	1696	1937	NA	NA
AMD Athlon X2 255	1627	1978	NA	NA
AMD Athlon X2 280	2303	1651	68.77	$33.49*
AMD Athlon X2 340 Dual Core	1938	1816	38.77	$49.99*
AMD Athlon X2 370K Dual Core	2251	1675	NA	NA
AMD Athlon X2 Dual Core 3250e	785	2420	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2306	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2357	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2245	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2191	NA	NA
AMD Athlon X2 Dual Core L310	647	2476	NA	NA
AMD Athlon X3 425	2191	1700	NA	NA
AMD Athlon X3 435	2574	1554	26.96	$95.49*
AMD Athlon X3 440	2078	1746	23.62	$87.99*
AMD Athlon X3 455	2401	1616	NA	NA
AMD Athlon X4 620	2861	1461	44.05	$64.95
AMD Athlon X4 640	3172	1342	NA	NA
AMD Athlon X4 740 Quad Core	4035	1141	14.57	$277.00*
AMD Athlon X4 750 Quad Core	4400	1067	NA	NA
AMD Athlon X4 750K Quad Core	3534.0651855469	1242	45.90	$76.99*
AMD Athlon X4 760K Quad Core	4603	1025	109.65	$41.98*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Athlon X4 830	4701	1005	NA	NA
AMD Athlon X4 840	5071	932	64.40	$78.74*
AMD Athlon X4 845	5405	880	101.73	$53.13*
AMD Athlon X4 860K	4471.9619140625	1056	45.24	$98.86
AMD Athlon X4 870K	5335	893	66.70	$79.99*
AMD Athlon X4 880K	5569	852	55.70	$99.99*
AMD Athlon X4 950	5229	909	80.51	$64.95
AMD Athlon XP1600+	281	2729	NA	NA
AMD Athlon XP2400+	374	2640	NA	NA
AMD Athlon XP 1500+	257	2744	NA	NA
AMD Athlon XP 1600+	267	2740	NA	NA
AMD Athlon XP 1700+	271	2736	4.42	$61.25*
AMD Athlon XP 1800+	300	2707	5.09	$58.95*
AMD Athlon XP 1900+	312	2695	NA	NA
AMD Athlon XP 2000+	300	2708	12.00	$24.99*
AMD Athlon XP 2100+	323	2682	NA	NA
AMD Athlon XP 2200+	328	2681	3.86	$84.95*

AMD Athlon XP 2400+	360	2655	4.00	$89.99*
AMD Athlon XP 2500+	355	2659	NA	NA
AMD Athlon XP 2600+	372	2642	16.15	$23.03*
AMD Athlon XP 2700+	393	2625	4.63	$84.79*
AMD Athlon XP 2800+	400	2618	NA	NA
AMD Athlon XP 2900+	424	2599	NA	NA
AMD Athlon XP 3000+	402	2616	5.04	$79.70*
AMD Athlon XP 3100+	433	2591	NA	NA
AMD Athlon XP 3200+	432	2592	NA	NA
AMD C-30	310	2696	NA	NA
AMD C-50	462	2567	NA	NA
AMD C-60	466	2563	NA	NA
AMD C-60 APU	544	2516	NA	NA
AMD C-70 APU	558	2510	NA	NA
AMD E1 Micro-6200T APU	960	2331	NA	NA
AMD E1-1200 APU	654	2475	NA	NA
AMD E1-1500 APU	533.03935241699	2520	NA	NA
AMD E1-2100 APU	640	2479	NA	NA
AMD E1-2200 APU	767	2424	NA	NA
AMD E1-2500 APU	789.69375610352	2418	NA	NA
AMD E1-6010 APU	871	2375	NA	NA
AMD E1-6015 APU	902	2366	NA	NA
AMD E1-6050J APU	1385	2089	NA	NA
AMD E1-7010 APU	1002	2301	NA	NA
AMD E2-1800 APU	814	2406	NA	NA
AMD E2-2000 APU	827	2400	NA	NA
AMD E2-3000 APU	1140	2233	NA	NA
AMD E2-3000M APU	1093	2251	54.65	$20.00*
AMD E2-3200 APU	1381	2094	172.84	$7.99*
AMD E2-3800 APU	1277.9404907227	2152	NA	NA
AMD E2-6110 APU	1921	1825	NA	NA
AMD E2-7110 APU	1944.1706542969	1814	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD E2-9000	1649	1966	NA	NA
AMD E2-9000e	1310	2131	NA	NA
AMD E2-9010	1634	1974	NA	NA
AMD E2-9030	1515	2031	NA	NA
AMD E-240	317	2688	NA	NA
AMD E-300 APU	500.98683166504	2540	NA	NA
AMD E-350	745	2436	NA	NA
AMD E-350 APU	759	2429	NA	NA
AMD E-350D APU	723	2444	NA	NA
AMD E-450 APU	555.6557820638	2512	NA	NA

AMD Embedded G-Series GX-215JJ Radeon R2E	1764	1896	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1739	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2533	1569	NA	NA
AMD Embedded R-Series RX-216GD	2409	1613	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	933	NA	NA
AMD Embedded R-Series RX-421BD	4635	1017	NA	NA
AMD EPYC 3201	9634	422	NA	NA
AMD EPYC 3251	11690	295	37.11	$315.00*
AMD EPYC 7251	11811	287	28.67	$411.99
AMD EPYC 7262	20691	86	31.64	$653.99
AMD EPYC 7301	14978	196	22.21	$674.29
AMD EPYC 7302P	30994	16	33.91	$913.99
AMD EPYC 7351	18081	127	24.89	$726.32
AMD EPYC 7351P	14887	202	22.45	$663.00
AMD EPYC 7371	22071	69	14.24	$1,550.00*
AMD EPYC 7401P	20221	94	23.95	$844.39
AMD EPYC 7402P	28291	26	18.99	$1,489.90
AMD EPYC 7451	15760	174	14.42	$1,093.09
AMD EPYC 7452	38257	7	19.62	$1,950.00
AMD EPYC 7501	18942	114	5.08	$3,731.42
AMD EPYC 7502P	27437	31	13.72	$1,999.99
AMD EPYC 7551	18483	118	4.58	$4,031.48
AMD EPYC 7551P	18443	120	14.03	$1,315.00
AMD EPYC 7571	20858	85	NA	NA
AMD EPYC 7702P	46067	5	9.63	$4,783.99
AMD EPYC 7742	48062	3	6.39	$7,522.99
AMD FirePro A320 APU	4540	1038	NA	NA
AMD FX-670K Quad-Core	4550	1034	NA	NA
AMD FX-770K Quad-Core	4819	980	NA	NA
AMD FX-870K Quad Core	5021	944	NA	NA
AMD FX-4100 Quad-Core	3439.2976074219	1268	114.64	$30.00
AMD FX-4130 Quad-Core	4168	1119	117.08	$35.60
AMD FX-4150 Quad-Core	4594	1028	NA	NA
AMD FX-4170 Quad-Core	4874	969	48.74	$99.99*
AMD FX-4200 Quad-Core	4289	1092	18.79	$228.21*
AMD FX-4300 Quad-Core	4699	1007	75.11	$62.56
AMD FX-4320	5011	948	NA	NA
AMD FX-4330	5163	921	NA	NA
AMD FX-4350 Quad-Core	4454.6927490234	1059	63.68	$69.95
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD FX-6100 Six-Core	4362.8759765625	1077	98.17	$44.44
AMD FX-6120 Six-Core	5766	822	NA	NA
AMD FX-6130 Six-Core	6215	765	NA	NA

AMD FX-6200 Six-Core	4750.7092285156	995	13.97	$339.95
AMD FX-6300 Six-Core	4495.053507487	1050	64.22	$70.00
AMD FX-6330 Six-Core	6954	677	NA	NA
AMD FX-6350 Six-Core	5399.3287760417	881	36.27	$148.86
AMD FX-7500 APU	3206	1329	NA	NA
AMD FX-7600P	4035	1140	NA	NA
AMD FX-7600P APU	4627	1018	NA	NA
AMD FX-8100 Eight-Core	5884	804	41.44	$142.00*
AMD FX-8120 Eight-Core	5690.56640625	833	71.18	$79.95
AMD FX-8140 Eight-Core	6133	777	NA	NA
AMD FX-8150 Eight-Core	6530.7785644531	729	43.87	$148.86
AMD FX-8300 Eight-Core	6437.3100585938	741	55.73	$115.50
AMD FX-8310 Eight-Core	7731	599	NA	NA
AMD FX-8320 Eight-Core	5002.8216688368	949	38.50	$129.95
AMD FX-8320E Eight-Core	7585	611	44.92	$168.86
AMD FX-8350 Eight-Core	6390.8044921875	748	42.62	$149.95
AMD FX-8370 Eight-Core	7322.2106119792	642	27.63	$265.00
AMD FX-8370E Eight-Core	7871	579	37.66	$209.00
AMD FX-8800P	4204	1112	NA	NA
AMD FX-9370 Eight-Core	9461	434	59.50	$159.00
AMD FX-9590 Eight-Core	7781.2913818359	590	41.02	$189.70
AMD FX-9800P	3965	1150	NA	NA
AMD FX-9830P	4785	986	NA	NA
AMD FX-B4150 Quad-Core	4611	1023	NA	NA
AMD G-T40E	467	2562	NA	NA
AMD G-T40R	203	2786	NA	NA
AMD G-T44R	229	2766	NA	NA
AMD G-T48E	667	2471	NA	NA
AMD G-T52R	308	2697	NA	NA
AMD G-T56E	751	2434	NA	NA
AMD G-T56N	793	2417	NA	NA
AMD Geode NX 2400+	400	2620	NA	NA
AMD GX-210JA SOC	401	2617	NA	NA
AMD GX-212JC SOC	943	2342	NA	NA
AMD GX-217GA SOC	1113	2242	NA	NA
AMD GX-218GL SOC	1207	2194	NA	NA
AMD GX-222GC SOC	1255	2167	NA	NA
AMD GX-412HC	1503	2039	NA	NA
AMD GX-415GA SOC	1982	1790	NA	NA
AMD GX-420CA SOC	2412	1611	NA	NA
AMD GX-424CC SOC	2497	1584	NA	NA
AMD Opteron 144	486	2547	7.48	$65.00*
AMD Opteron 146	532	2521	8.87	$59.99*

AMD Opteron 148	603	2493	NA	NA
AMD Opteron 150	604	2492	NA	NA
AMD Opteron 152	658	2473	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 154	703	2456	NA	NA
AMD Opteron 165	899	2368	1.63	$550.00
AMD Opteron 170	1097	2248	NA	NA
AMD Opteron 175	1167	2218	NA	NA
AMD Opteron 180	1236	2178	12.49	$98.99
AMD Opteron 185	1342	2115	NA	NA
AMD Opteron 254	693	2461	NA	NA
AMD Opteron 270	1170	2216	4.68	$249.95
AMD Opteron 275	1291	2141	43.11	$29.95
AMD Opteron 280	1176	2210	18.09	$65.00*
AMD Opteron 285	1470	2054	18.39	$79.95
AMD Opteron 290	1464	2058	10.84	$135.00*
AMD Opteron 1212	1009	2297	3.48	$290.00*
AMD Opteron 1214	1191	2202	21.66	$54.99
AMD Opteron 1214 HE	1299	2136	NA	NA
AMD Opteron 1216	1311	2129	23.90	$54.85*
AMD Opteron 1216 HE	1172	2215	NA	NA
AMD Opteron 1218	1468	2056	NA	NA
AMD Opteron 1220	1661	1961	NA	NA
AMD Opteron 1222	1757	1900	NA	NA
AMD Opteron 1352	2316	1644	17.03	$135.99*
AMD Opteron 1354	2634	1531	19.51	$135.00*
AMD Opteron 1356	2765	1491	30.73	$89.99*
AMD Opteron 1381	3065	1386	NA	NA
AMD Opteron 2218	1594	1993	19.94	$79.95
AMD Opteron 2220	1701	1934	21.28	$79.95
AMD Opteron 2220 SE	1398	2083	55.92	$25.00*
AMD Opteron 2222	1843	1863	1.11	$1,664.98*
AMD Opteron 2354	2450	1599	7.38	$332.03*
AMD Opteron 2356	2814	1471	54.12	$52.00*
AMD Opteron 2373 EE	2789	1481	NA	NA
AMD Opteron 2378	3179	1339	17.76	$179.00*
AMD Opteron 2384	3538	1241	4.21	$840.00*
AMD Opteron 2393 SE	2246	1676	NA	NA
AMD Opteron 2427	3069	1384	47.22	$65.00
AMD Opteron 2431	4516	1041	180.71	$24.99
AMD Opteron 2435	4708	1004	314.29	$14.98
AMD Opteron 3250 HE	2942	1428	29.72	$99.00*
AMD Opteron 3260 HE	3259	1315	NA	NA

AMD Opteron 3280	5533	858	20.25	$273.18*
AMD Opteron 3320 EE	2675	1518	NA	NA
AMD Opteron 3350 HE	4186	1116	NA	NA
AMD Opteron 3365	6088	785	NA	NA
AMD Opteron 3380	6384	750	7.89	$809.00*
AMD Opteron 4162 EE	3166	1345	NA	NA
AMD Opteron 4170 HE	3664	1215	91.62	$39.99
AMD Opteron 4184	4418	1064	8.50	$519.95*
AMD Opteron 4274 HE	5776	819	144.44	$39.99*
AMD Opteron 4280	6430	742	128.60	$50.00*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Opteron 4284	6660	710	111.02	$59.99*
AMD Opteron 4332 HE	5614	841	151.77	$36.99
AMD Opteron 4334	6099	783	28.18	$216.42*
AMD Opteron 4365 EE	5025	942	NA	NA
AMD Opteron 4386	6761	700	52.54	$128.68
AMD Opteron 6128	4505	1045	237.23	$18.99
AMD Opteron 6136	4916	964	19.70	$249.55
AMD Opteron 6164 HE	5351	891	NA	NA
AMD Opteron 6172	5261	906	153.38	$34.30
AMD Opteron 6174	6171	770	30.86	$199.98
AMD Opteron 6176 SE	5465	866	34.37	$159.00*
AMD Opteron 6212	5776	818	192.60	$29.99*
AMD Opteron 6220	6785	697	113.10	$59.99*
AMD Opteron 6234	5938	800	13.17	$450.99
AMD Opteron 6238	7673	603	639.42	$12.00
AMD Opteron 6272	6748	703	112.49	$59.99
AMD Opteron 6274	4865	970	6.96	$698.89
AMD Opteron 6276	8889	489	44.67	$199.00
AMD Opteron 6282 SE	9116	468	14.24	$640.00
AMD Opteron 6287 SE	9789	408	NA	NA
AMD Opteron 6328	7826	586	6.02	$1,299.00
AMD Opteron 6344	9372	445	24.09	$389.00*
AMD Opteron 6348	9151	462	3.29	$2,785.64
AMD Opteron 6366 HE	7503	617	250.18	$29.99*
AMD Opteron 6376	9212	459	167.49	$55.00
AMD Opteron 6378	9094	472	433.05	$21.00
AMD Opteron 6380	10081	378	205.73	$49.00
AMD Opteron 6386 SE	10836	328	80.27	$134.99
AMD Opteron 8439 SE	3813	1183	63.55	$60.00*
AMD Opteron X2170 APU	3059	1391	NA	NA
AMD Opteron X3216 APU	2302	1653	NA	NA
AMD Opteron X3418 APU	4548	1035	NA	NA

AMD Opteron X3421 APU	4745	997	NA	NA
AMD Phenom 8250 Triple-Core	1668	1951	NA	NA
AMD Phenom 8250e Triple-Core	1635	1972	34.79	$46.99*
AMD Phenom 8400 Triple-Core	1632	1976	NA	NA
AMD Phenom 8450 Triple-Core	1887	1845	63.01	$29.95
AMD Phenom 8450e Triple-Core	2026	1773	NA	NA
AMD Phenom 8600 Triple-Core	1675	1946	31.61	$52.99*
AMD Phenom 8600B Triple-Core	1919	1827	36.21	$52.99*
AMD Phenom 8650 Triple-Core	1986	1787	39.73	$49.99*
AMD Phenom 8750 Triple-Core	2060	1758	NA	NA
AMD Phenom 8750B Triple-Core	2034	1767	NA	NA
AMD Phenom 8850 Triple-Core	1968	1800	NA	NA
AMD Phenom 8850B Triple-Core	2080	1744	NA	NA
AMD Phenom 9100e Quad-Core	1833	1869	45.88	$39.95*
AMD Phenom 9150e Quad-Core	2112	1729	52.87	$39.95*
AMD Phenom 9350e Quad-Core	2320	1642	0.69	$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1543	24.75	$105.00*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Phenom 9500 Quad-Core	2202	1694	158.42	$13.90
AMD Phenom 9550 Quad-Core	2545	1564	183.09	$13.90
AMD Phenom 9600 Quad-Core	2303	1650	192.72	$11.95
AMD Phenom 9600B Quad-Core	2575	1553	17.49	$147.19*
AMD Phenom 9650 Quad-Core	2633	1532	114.73	$22.95
AMD Phenom 9750 Quad-Core	2810	1472	96.27	$29.19
AMD Phenom 9750B Quad-Core	2709	1513	NA	NA
AMD Phenom 9850 Quad-Core	2886	1452	96.39	$29.94
AMD Phenom 9850B Quad-Core	3160	1347	NA	NA
AMD Phenom 9950 Quad-Core	3009	1403	86.09	$34.95
AMD Phenom FX-5000 Quad-Core	2517	1573	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1426	NA	NA
AMD Phenom II N620 Dual-Core	1686	1942	422.56	$3.99*
AMD Phenom II N640 Dual-Core	1722	1917	26.51	$64.95*
AMD Phenom II N660 Dual-Core	1464.6888427734	2057	14.79	$99.00*
AMD Phenom II N830 3+1	2652	1527	NA	NA
AMD Phenom II N830 Triple-Core	1890	1843	NA	NA
AMD Phenom II N850 Triple-Core	1934	1819	77.36	$25.00*
AMD Phenom II N870 Triple-Core	2002	1782	NA	NA
AMD Phenom II N930 Quad-Core	2275	1661	17.51	$129.95*
AMD Phenom II N950 Quad-Core	2482	1589	22.04	$112.60*
AMD Phenom II N970 Quad-Core	2514	1575	16.76	$149.99*
AMD Phenom II P650 Dual-Core	1579	2000	45.11	$35.00*
AMD Phenom II P820 Triple-Core	1602	1988	NA	NA
AMD Phenom II P840 Triple-Core	1713	1925	NA	NA

AMD Phenom II P860 Triple-Core	1756	1902	NA	NA
AMD Phenom II P920 Quad-Core	1874	1850	24.99	$75.00*
AMD Phenom II P940 Quad-Core	1831	1871	NA	NA
AMD Phenom II P960 Quad-Core	2085	1742	74.46	$28.00*
AMD Phenom II X2 511	2104	1734	NA	NA
AMD Phenom II X2 521	2074	1749	NA	NA
AMD Phenom II X2 545	1918	1829	43.61	$43.98*
AMD Phenom II X2 550	2023	1774	92.16	$21.95
AMD Phenom II X2 555	2043	1765	73.02	$27.98*
AMD Phenom II X2 560	2062	1757	31.73	$64.99*
AMD Phenom II X2 565	2225	1687	10.60	$209.95*
AMD Phenom II X2 570	2068	1753	NA	NA
AMD Phenom II X2 B53	1709	1929	NA	NA
AMD Phenom II X2 B55	1920	1826	40.04	$47.95*
AMD Phenom II X2 B57	1823	1875	NA	NA
AMD Phenom II X2 B59	2129	1724	62.53	$34.05
AMD Phenom II X3 700e	2242	1679	NA	NA
AMD Phenom II X3 705e	2209	1693	14.50	$152.34*
AMD Phenom II X3 710	2449	1600	28.97	$84.53*
AMD Phenom II X3 720	2666	1522	133.63	$19.95
AMD Phenom II X3 740	2985	1413	33.54	$88.99*
AMD Phenom II X3 B73	2735	1506	36.47	$75.00*
AMD Phenom II X3 B75	2872	1459	71.82	$39.99*
AMD Phenom II X3 B77	3067	1385	137.60	$22.29*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Phenom II X4 805	2998	1409	17.23	$173.99*
AMD Phenom II X4 810	3120	1364	26.90	$115.99*
AMD Phenom II X4 820	3392	1276	45.26	$74.95*
AMD Phenom II X4 830	3434	1270	42.95	$79.95*
AMD Phenom II X4 840	3508	1251	88.63	$39.58
AMD Phenom II X4 840T	3594	1230	51.35	$69.99*
AMD Phenom II X4 850	3549	1238	54.61	$64.99*
AMD Phenom II X4 900e	2882	1456	NA	NA
AMD Phenom II X4 905e	3080	1382	57.05	$53.99*
AMD Phenom II X4 910	3246	1320	32.46	$100.00*
AMD Phenom II X4 910e	3254	1318	46.55	$69.90
AMD Phenom II X4 920	3389	1279	141.80	$23.90
AMD Phenom II X4 925	2860.7933349609	1462	65.03	$43.99*
AMD Phenom II X4 940	3586	1233	71.79	$49.95
AMD Phenom II X4 945	3650	1218	91.36	$39.95
AMD Phenom II X4 955	2822.1538085938	1468	78.61	$35.90
AMD Phenom II X4 960T	3768	1189	8.03	$469.00
AMD Phenom II X4 965	2874.8110107422	1458	74.86	$38.40

AMD Phenom II X4 970	4311	1087	61.76	$69.80
AMD Phenom II X4 973	3759	1194	NA	NA
AMD Phenom II X4 975	4443	1061	45.80	$97.00
AMD Phenom II X4 977	3750	1196	NA	NA
AMD Phenom II X4 980	4486	1053	19.51	$229.99*
AMD Phenom II X4 B05e	2792	1478	NA	NA
AMD Phenom II X4 B15e	2736	1505	NA	NA
AMD Phenom II X4 B25	3297	1307	NA	NA
AMD Phenom II X4 B35	3387	1281	NA	NA
AMD Phenom II X4 B40	3352	1289	NA	NA
AMD Phenom II X4 B45	3473	1259	NA	NA
AMD Phenom II X4 B50	3694	1208	NA	NA
AMD Phenom II X4 B55	3850	1174	NA	NA
AMD Phenom II X4 B60	4030	1142	NA	NA
AMD Phenom II X4 B65	4172	1118	NA	NA
AMD Phenom II X4 B70	4261	1098	NA	NA
AMD Phenom II X4 B93	3345	1291	NA	NA
AMD Phenom II X4 B95	3676	1210	50.39	$72.95*
AMD Phenom II X4 B97	3863	1168	67.78	$56.99*
AMD Phenom II X4 B99	4126	1125	NA	NA
AMD Phenom II X6 1035T	4664	1010	24.68	$189.00*
AMD Phenom II X6 1045T	4793	985	46.08	$104.02*
AMD Phenom II X6 1055T	3806.7373860677	1185	63.50	$59.95
AMD Phenom II X6 1065T	5021	945	NA	NA
AMD Phenom II X6 1075T	5321	899	59.16	$89.95
AMD Phenom II X6 1090T	4669.9494628906	1008	26.83	$174.04*
AMD Phenom II X6 1100T	5702	830	32.13	$177.49*
AMD Phenom II X6 1405T	5042	939	NA	NA
AMD Phenom II X620 Dual-Core	2189	1701	NA	NA
AMD Phenom II X640 Dual-Core	2021	1778	NA	NA
AMD Phenom II X920 Quad-Core	2635	1530	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Phenom II X940 Quad-Core	2695	1516	NA	NA
AMD Phenom X2 Dual-Core GE-5060	1566	2008	NA	NA
AMD Phenom X2 Dual-Core GE-6060	1722	1918	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1905	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	2069	NA	NA
AMD Phenom X3 8550	1931	1820	11.36	$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1901	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1786	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1682	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1450	NA	NA
AMD Phenom X4 Quad-Core GS-6560	1063	2269	NA	NA

AMD PRO A4-3350B APU	2274	1663	NA	NA
AMD PRO A4-4350B	1687	1941	NA	NA
AMD PRO A4-8350B	2776	1487	NA	NA
AMD PRO A6-7350B	2759	1494	NA	NA
AMD PRO A6-8500B	2516	1574	NA	NA
AMD PRO A6-8530B	2388	1622	NA	NA
AMD PRO A6-8550B	2970	1420	NA	NA
AMD PRO A6-8570	3088	1377	NA	NA
AMD PRO A6-8570E	2824	1467	NA	NA
AMD PRO A6-9500	2975	1417	40.20	$74.00*
AMD PRO A6-9500B	2076	1747	NA	NA
AMD PRO A6-9500E	2717	1508	36.72	$74.00*
AMD PRO A8-8600B	2425.895690918	1604	NA	NA
AMD PRO A8-8650B	5223	911	NA	NA
AMD PRO A8-8670E	5015	946	NA	NA
AMD PRO A8-9600	5277	903	44.34	$119.00*
AMD PRO A8-9600B	3964	1151	NA	NA
AMD PRO A10-8700B	3014.5526123047	1401	NA	NA
AMD PRO A10-8730B	3953	1154	NA	NA
AMD PRO A10-8750B	5465	867	NA	NA
AMD PRO A10-8770	5555	854	NA	NA
AMD PRO A10-8770E	5023	943	NA	NA
AMD PRO A10-8850B	5853	807	NA	NA
AMD PRO A10-9700	5589	848	33.07	$169.00*
AMD PRO A10-9700B	4380	1071	NA	NA
AMD PRO A10-9700E	5066	935	36.45	$139.00*
AMD PRO A12-8800B	4111	1128	NA	NA
AMD PRO A12-8830B	4233	1104	NA	NA
AMD PRO A12-8870	6067	789	NA	NA
AMD PRO A12-8870E	5186	917	NA	NA
AMD PRO A12-9800	6107	781	36.14	$169.00*
AMD PRO A12-9800B	4102	1130	NA	NA
AMD PRO A12-9800E	4769	990	28.22	$169.00*
AMD QC-4000	1663	1958	NA	NA
AMD R-260H APU	1576	2001	NA	NA
AMD R-272F APU	2007	1781	NA	NA
AMD R-460L APU	1954	1808	NA	NA
AMD R-464L APU	3117	1366	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD RX-427BB	4359	1078	NA	NA
AMD Ryzen 3 1200	6486.7819824219	733	81.00	$80.08
AMD Ryzen 3 1300X	7435.1682128906	628	45.65	$162.88
AMD Ryzen 3 2200G	6914.4145100911	683	54.60	$126.64

AMD Ryzen 3 2200GE	6871	687	NA	NA
AMD Ryzen 3 2200U	4199.6038411458	1113	NA	NA
AMD Ryzen 3 2300U	6130	778	NA	NA
AMD Ryzen 3 2300X	8347	536	41.84	$199.52
AMD Ryzen 3 3200G	7436.5742675781	626	78.29	$94.99
AMD Ryzen 3 3200U	4378.486328125	1072	NA	NA
AMD Ryzen 3 3300U	5853	808	NA	NA
AMD Ryzen 3 4300U	8363	531	NA	NA
AMD Ryzen 3 PRO 1200	6685	708	NA	NA
AMD Ryzen 3 PRO 1300	7994	566	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	927	NA	NA
AMD Ryzen 3 PRO 2200G	8028	560	NA	NA
AMD Ryzen 3 PRO 2200GE	7460	624	NA	NA
AMD Ryzen 3 PRO 2300U	7027	667	NA	NA
AMD Ryzen 3 PRO 3200G	8445	523	NA	NA
AMD Ryzen 3 PRO 3200GE	8266	541	NA	NA
AMD Ryzen 3 PRO 3300U	7019	668	NA	NA
AMD Ryzen 5 1400	8550.7560221354	515	66.36	$128.86
AMD Ryzen 5 1500X	10123	375	74.72	$135.48
AMD Ryzen 5 1600	12502.90412454	267	147.09	$85.00
AMD Ryzen 5 1600X	13637.71640625	240	82.12	$166.08
AMD Ryzen 5 2400G	8860.5563964844	492	36.92	$240.00
AMD Ryzen 5 2400GE	9034	478	NA	NA
AMD Ryzen 5 2500U	7083.5355113636	661	NA	NA
AMD Ryzen 5 2500X	9704	414	NA	NA
AMD Ryzen 5 2600	13443.133998326	245	107.55	$124.99
AMD Ryzen 5 2600H	8366	530	NA	NA
AMD Ryzen 5 2600X	14522.065354567	210	85.43	$169.99
AMD Ryzen 5 3400G	9736.6968470982	411	56.94	$170.99
AMD Ryzen 5 3500	11799.924316406	289	NA	NA
AMD Ryzen 5 3500U	7549.019921875	614	NA	NA
AMD Ryzen 5 3500X	14126.122070312	222	NA	NA
AMD Ryzen 5 3550H	8292.2762044271	539	NA	NA
AMD Ryzen 5 3580U	7911	574	NA	NA
AMD Ryzen 5 3600	17899.474491717	130	102.29	$174.99
AMD Ryzen 5 3600X	18318.164179688	121	91.60	$199.99
AMD Ryzen 5 PRO 1500	10133	374	NA	NA
AMD Ryzen 5 PRO 1600	12213	277	NA	NA
AMD Ryzen 5 PRO 2400G	9934	389	NA	NA
AMD Ryzen 5 PRO 2400GE	8405	527	NA	NA
AMD Ryzen 5 PRO 2500U	6921.4643554688	682	NA	NA
AMD Ryzen 5 PRO 2600	13927	229	NA	NA
AMD Ryzen 5 PRO 3400G	10498	350	NA	NA

AMD Ryzen 5 PRO 3400GE	10263	364	NA	NA
AMD Ryzen 5 PRO 3500U	8337.248046875	537	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Ryzen 5 PRO 3600	21586	74	NA	NA
AMD Ryzen 7 1700	14618.28140024	207	47.15	$310.04
AMD Ryzen 7 1700X	15764.13984375	173	78.82	$199.99
AMD Ryzen 7 1800X	16394.14578683	152	63.46	$258.32
AMD Ryzen 7 2700	16115.200325521	162	84.82	$189.99
AMD Ryzen 7 2700E	13410	248	NA	NA
AMD Ryzen 7 2700U	7454.123046875	625	NA	NA
AMD Ryzen 7 2700X	17997.316263338	129	69.49	$259.00
AMD Ryzen 7 2800H	8498	519	NA	NA
AMD Ryzen 7 3700U	7733.3058268229	598	NA	NA
AMD Ryzen 7 3700X	22947.21648298	64	79.13	$289.99
AMD Ryzen 7 3750H	8696.4780273438	501	NA	NA
AMD Ryzen 7 3780U	8134	551	NA	NA
AMD Ryzen 7 3800X	23503.962466033	58	69.13	$339.99
AMD Ryzen 7 PRO 1700	14112	223	NA	NA
AMD Ryzen 7 PRO 1700X	15324	186	NA	NA
AMD Ryzen 7 PRO 2700	15070	192	NA	NA
AMD Ryzen 7 PRO 2700U	8865	491	NA	NA
AMD Ryzen 7 PRO 2700X	17128	141	NA	NA
AMD Ryzen 7 PRO 3700	25843	38	NA	NA
AMD Ryzen 7 PRO 3700U	7998.1873779297	565	NA	NA
AMD Ryzen 9 3900	31422.587402344	15	NA	NA
AMD Ryzen 9 3900X	32852.366724047	11	78.42	$418.95
AMD Ryzen 9 3950X	39631.158668155	6	52.88	$749.44
AMD Ryzen 9 PRO 3900	32610.395182292	12	NA	NA
AMD Ryzen Embedded R1505G	4614	1021	NA	NA
AMD Ryzen Embedded R1606G	4750	996	NA	NA
AMD Ryzen Embedded V1202B	4447	1060	NA	NA
AMD Ryzen Embedded V1404I	5180	918	NA	NA
AMD Ryzen Embedded V1605B	7407	635	NA	NA
AMD Ryzen Embedded V1756B	8559	514	NA	NA
AMD Ryzen Embedded V1807B	8101	555	NA	NA
AMD Ryzen Threadripper 1900X	15996	166	88.97	$179.80
AMD Ryzen Threadripper 1920X	23445.247070312	60	117.23	$199.99
AMD Ryzen Threadripper 1950X	24940.808314732	45	45.35	$549.99
AMD Ryzen Threadripper 2920X	21817	72	45.27	$481.97
AMD Ryzen Threadripper 2950X	29128.991210938	21	45.43	$641.23
AMD Ryzen Threadripper 2970WX	21723	73	23.74	$914.97
AMD Ryzen Threadripper 2990WX	24574.084960938	49	16.50	$1,489.32
AMD Ryzen Threadripper 2990X	19227	111	NA	NA

AMD Ryzen Threadripper 3960X	46241	4	27.02	$1,711.51
AMD Ryzen Threadripper 3970X	60308.958767361	2	30.77	$1,959.99
AMD Ryzen Threadripper 3990X	71683.2265625	1	18.38	$3,899.99
AMD Sempron 130	700	2458	23.33	$30.00
AMD Sempron 140	742	2439	27.62	$26.86
AMD Sempron 145	806	2412	62.53	$12.89
AMD Sempron 150	759	2430	54.60	$13.90
AMD Sempron 210U	391	2630	NA	NA
AMD Sempron 240	2110	1732	43.96	$48.00
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Sempron 2200+	282	2726	9.40	$29.99
AMD Sempron 2300+	318	2687	7.07	$45.00*
AMD Sempron 2400+	314	2694	24.17	$12.99
AMD Sempron 2500+	334	2674	5.57	$59.95
AMD Sempron 2600+	374	2639	17.00	$22.00
AMD Sempron 2650 APU	951	2336	15.95	$59.61
AMD Sempron 2800+	383	2634	31.92	$12.00
AMD Sempron 3000+	408	2610	10.21	$39.95
AMD Sempron 3100+	452	2575	5.65	$79.95
AMD Sempron 3200+	406	2612	12.70	$31.96
AMD Sempron 3300+	484	2553	32.27	$15.00
AMD Sempron 3400+	454	2573	21.21	$21.40
AMD Sempron 3500+	379	2635	25.27	$15.00
AMD Sempron 3600+	483	2555	36.59	$13.20
AMD Sempron 3800+	554	2513	36.96	$14.99
AMD Sempron 3850 APU	1721	1919	21.60	$79.68
AMD Sempron Dual Core 2100	936	2345	24.64	$37.99
AMD Sempron Dual Core 2200	995	2308	NA	NA
AMD Sempron Dual Core 2300	982	2315	23.39	$41.99*
AMD Sempron LE-1100	437	2589	21.90	$19.95
AMD Sempron LE-1150	439	2586	22.01	$19.95
AMD Sempron LE-1200	529	2524	35.38	$14.95
AMD Sempron LE-1250	543	2518	14.29	$37.99
AMD Sempron LE-1300	598	2494	46.00	$13.00
AMD Sempron M100	566	2508	47.17	$12.00*
AMD Sempron M120	582	2501	NA	NA
AMD Sempron SI-40	447	2580	37.25	$12.00*
AMD Sempron SI-42	455	2572	15.16	$30.01*
AMD Sempron X2 180	1391	2086	20.04	$69.40*
AMD Sempron X2 190	1534	2022	18.38	$83.44*
AMD Sempron X2 198 Dual-Core	1413	2078	NA	NA
AMD Turion 64 Mobile MK-36	465	2565	NA	NA
AMD Turion 64 Mobile MK-38	513	2534	NA	NA

AMD Turion 64 Mobile ML-28	390	2632	NA	NA
AMD Turion 64 Mobile ML-30	402	2615	NA	NA
AMD Turion 64 Mobile ML-32	402	2614	NA	NA
AMD Turion 64 Mobile ML-34	425	2598	NA	NA
AMD Turion 64 Mobile ML-37	446	2582	17.16	$25.99
AMD Turion 64 Mobile ML-40	522	2530	NA	NA
AMD Turion 64 Mobile ML-42	615	2487	NA	NA
AMD Turion 64 Mobile ML-44	591	2496	NA	NA
AMD Turion 64 Mobile MT-30	378	2636	NA	NA
AMD Turion 64 Mobile MT-32	426	2597	NA	NA
AMD Turion 64 Mobile MT-34	429	2594	NA	NA
AMD Turion 64 Mobile MT-37	484	2552	NA	NA
AMD Turion 64 X2 Mobile TL-50	744	2437	14.88	$49.99*
AMD Turion 64 X2 Mobile TL-52	760	2427	NA	NA
AMD Turion 64 X2 Mobile TL-56	892	2371	63.94	$13.95*
AMD Turion 64 X2 Mobile TL-58	949	2338	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Turion 64 X2 Mobile TL-60	1000	2304	62.70	$15.95*
AMD Turion 64 X2 Mobile TL-62	1078	2264	3.47	$311.00*
AMD Turion 64 X2 Mobile TL-64	1086	2256	27.57	$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2232	3.02	$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2222	12.91	$90.00*
AMD Turion Dual-Core RM-70	912	2363	36.48	$25.00*
AMD Turion Dual-Core RM-72	860	2381	21.51	$39.99*
AMD Turion Dual-Core RM-74	1016	2294	NA	NA
AMD Turion Dual-Core RM-75	1019	2291	37.11	$27.46*
AMD Turion II Dual-Core Mobile M500	1294	2138	NA	NA
AMD Turion II Dual-Core Mobile M520	1307	2132	18.91	$69.10*
AMD Turion II Dual-Core Mobile M540	1338	2119	NA	NA
AMD Turion II N530 Dual-Core	1567	2007	52.23	$30.00*
AMD Turion II N550 Dual-Core	1521	2025	NA	NA
AMD Turion II Neo K625 Dual-Core	977	2319	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2206	NA	NA
AMD Turion II Neo N40L Dual-Core	930	2350	NA	NA
AMD Turion II Neo N54L Dual-Core	1353	2109	NA	NA
AMD Turion II P520 Dual-Core	1359	2106	NA	NA
AMD Turion II P540 Dual-Core	1432	2072	28.67	$49.95*
AMD Turion II P560 Dual-Core	1513	2033	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1399	2081	52.28	$26.76*
AMD Turion II Ultra Dual-Core Mobile M620	1435	2070	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1670	1947	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	2023	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2408	NA	NA

AMD Turion X2 Dual Core L510	923	2356	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2382	6.47	$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2271	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	991	2314	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1082	2260	4.82	$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1064	2268	43.48	$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1120	2235	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2227	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1023	2287	16.50	$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2258	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2193	63.67	$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2179	27.42	$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1301	2134	26.55	$49.00
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1217	2189	30.46	$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2307	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2286	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	2062	NA	NA
AMD V105	299	2711	NA	NA
AMD V120	623	2485	NA	NA
AMD V140	641	2478	12.83	$49.95*
AMD V160	673	2468	NA	NA
AMD Z-01	523	2528	NA	NA
AMD Z-60 APU	500	2541	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Athlon 64 Dual Core 3800+	1234	2180	NA	NA
Athlon 64 Dual Core 5000+	1507	2035	NA	NA
Athlon 64 Dual Core 5600+	1548	2016	NA	NA
Athlon Dual Core 4050e	968	2323	NA	NA
Athlon Dual Core 4450e	1204	2197	NA	NA
Athlon Dual Core 4850e	1346	2113	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	841.58795166016	2392	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1175	2211	27.98	$42.00*
Celeron Dual-Core T3300 @ 2.00GHz	1200	2199	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1273	2159	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2196	NA	NA
HP Hexa-Core 2.0GHz	2178	1702	4.32	$504.27*
Intel 2.80GHz	525	2526	NA	NA
Intel Atom 230 @ 1.60GHz	307	2698	NA	NA
Intel Atom 330 @ 1.60GHz	586	2499	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2369	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2329	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1743	20.05	$104.00*
Intel Atom C2550 @ 2.40GHz	2141	1715	NA	NA

Intel Atom C2558 @ 2.40GHz	2169	1705	15.95	$136.00*
Intel Atom C2750 @ 2.40GHz	3768	1190	16.24	$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1292	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1346	14.72	$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1597	32.73	$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1567	29.51	$86.00*
Intel Atom C3858 @ 2.00GHz	4852	973	14.61	$332.00*
Intel Atom C3958 @ 2.00GHz	6586	723	14.67	$449.00*
Intel Atom D410 @ 1.66GHz	301	2706	0.47	$635.99*
Intel Atom D425 @ 1.80GHz	345	2668	0.35	$992.98*
Intel Atom D510 @ 1.66GHz	658	2474	6.77	$97.16*
Intel Atom D525 @ 1.80GHz	706	2453	NA	NA
Intel Atom D2500 @ 1.86GHz	408	2608	NA	NA
Intel Atom D2550 @ 1.86GHz	681	2465	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2450	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2391	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2447	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2678	2.76	$120.00
Intel Atom E3825 @ 1.33GHz	579	2502	8.23	$70.32*
Intel Atom E3826 @ 1.46GHz	489	2545	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2388	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2221	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	2038	NA	NA
Intel Atom E3900 @ 1.60GHz	1953	1809	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1854	NA	NA
Intel Atom E3950 @ 1.60GHz	1886	1846	NA	NA
Intel Atom N270 @ 1.60GHz	269	2739	NA	NA
Intel Atom N280 @ 1.66GHz	282	2725	NA	NA
Intel Atom N435 @ 1.33GHz	261	2742	NA	NA
Intel Atom N450 @ 1.66GHz	297	2713	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Atom N455 @ 1.66GHz	283	2723	NA	NA
Intel Atom N470 @ 1.83GHz	332	2677	NA	NA
Intel Atom N475 @ 1.83GHz	314	2693	NA	NA
Intel Atom N550 @ 1.50GHz	522	2529	6.07	$86.00*
Intel Atom N570 @ 1.66GHz	575	2505	6.69	$86.00*
Intel Atom N2100 @ 1.60GHz	302	2704	NA	NA
Intel Atom N2600 @ 1.60GHz	528	2525	NA	NA
Intel Atom N2800 @ 1.86GHz	625	2484	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2358	14.31	$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1766	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2410	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1572	2003	NA	NA

Intel Atom x5-Z8300 @ 1.44GHz	1190	2203	8.95	$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1029	2284	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1276	2154	60.76	$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1692	1939	27.04	$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1836	1867	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1891	1842	25.68	$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1675.6929931641	1944	NA	NA
Intel Atom Z520 @ 1.33GHz	219	2774	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2728	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2759	NA	NA
Intel Atom Z2760 @ 1.80GHz	572	2506	NA	NA
Intel Atom Z3735D @ 1.33GHz	937	2344	NA	NA
Intel Atom Z3735E @ 1.33GHz	948	2339	8.10	$117.00*
Intel Atom Z3735F @ 1.33GHz	914	2359	5.04	$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2365	NA	NA
Intel Atom Z3736F @ 1.33GHz	912	2361	NA	NA
Intel Atom Z3740 @ 1.33GHz	1068	2267	NA	NA
Intel Atom Z3740D @ 1.33GHz	1011	2295	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2263	35.97	$30.00*
Intel Atom Z3745D @ 1.33GHz	1018	2293	NA	NA
Intel Atom Z3770 @ 1.46GHz	1252	2172	8.38	$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2413	NA	NA
Intel Atom Z3775 @ 1.46GHz	1276	2153	36.46	$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2150	NA	NA
Intel Atom Z3795 @ 1.60GHz	1798	1881	NA	NA
Intel Celeron 1.70GHz	129	2819	NA	NA
Intel Celeron 1.80GHz	136	2816	NA	NA
Intel Celeron 2.00GHz	182	2797	NA	NA
Intel Celeron 2.13GHz	208	2783	NA	NA
Intel Celeron 2.20GHz	213	2780	NA	NA
Intel Celeron 2.26GHz	223	2771	NA	NA
Intel Celeron 2.30GHz	227	2767	NA	NA
Intel Celeron 2.40GHz	217	2776	NA	NA
Intel Celeron 2.50GHz	247	2753	NA	NA
Intel Celeron 2.53GHz	245	2756	NA	NA
Intel Celeron 2.60GHz	238	2761	NA	NA
Intel Celeron 2.66GHz	249	2751	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Celeron 2.70GHz	245	2755	NA	NA
Intel Celeron 2.80GHz	254	2745	NA	NA
Intel Celeron 2.93GHz	283	2724	NA	NA
Intel Celeron 3.06GHz	284	2722	NA	NA
Intel Celeron 3.20GHz	289	2720	NA	NA

Intel Celeron 3.33GHz	333	2676	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2684	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2685	NA	NA
Intel Celeron 420 @ 1.60GHz	451	2576	11.28	$39.99*
Intel Celeron 430 @ 1.80GHz	487	2546	10.32	$47.18
Intel Celeron 440 @ 2.00GHz	544	2517	18.14	$29.99
Intel Celeron 450 @ 2.20GHz	626	2483	20.87	$29.99*
Intel Celeron 530 @ 1.73GHz	474	2559	20.62	$22.99*
Intel Celeron 540 @ 1.86GHz	521	2531	NA	NA
Intel Celeron 550 @ 2.00GHz	519	2532	7.99	$64.95*
Intel Celeron 560 @ 2.13GHz	531	2522	6.64	$79.95*
Intel Celeron 570 @ 2.26GHz	517	2533	NA	NA
Intel Celeron 723 @ 1.20GHz	390	2631	NA	NA
Intel Celeron 743 @ 1.30GHz	421	2600	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2433	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2646	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2488	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2346	2.97	$315.00*
Intel Celeron 847E @ 1.10GHz	1021	2289	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2229	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2214	39.11	$29.99*
Intel Celeron 877 @ 1.40GHz	1291	2140	NA	NA
Intel Celeron 887 @ 1.50GHz	1276	2155	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2467	35.60	$18.99
Intel Celeron 925 @ 2.30GHz	689	2463	NA	NA
Intel Celeron 1000M @ 1.80GHz	1668	1952	NA	NA
Intel Celeron 1000MHz	213	2779	NA	NA
Intel Celeron 1005M @ 1.90GHz	1368.3795166016	2100	NA	NA
Intel Celeron 1007U @ 1.50GHz	1389	2088	7.51	$184.99*
Intel Celeron 1017U @ 1.60GHz	1500	2040	NA	NA
Intel Celeron 1019Y @ 1.00GHz	954	2334	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1683	NA	NA
Intel Celeron 1020M @ 2.10GHz	2023	1775	NA	NA
Intel Celeron 1037U @ 1.80GHz	1733	1915	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2205	NA	NA
Intel Celeron 1100MHz	174	2805	NA	NA
Intel Celeron 1200MHz	244	2758	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1629	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1987	18.66	$86.00*
Intel Celeron 2950M @ 2.00GHz	1971	1797	NA	NA
Intel Celeron 2955U @ 1.40GHz	1412	2079	NA	NA
Intel Celeron 2957U @ 1.40GHz	1434	2071	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2244	NA	NA

Intel Celeron 2970M @ 2.20GHz	2312	1646	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2980U @ 1.60GHz	1593	1996	NA	NA
Intel Celeron 2981U @ 1.60GHz	1383	2092	NA	NA
Intel Celeron 3205U @ 1.50GHz	1491	2044	5.19	$287.04*
Intel Celeron 3215U @ 1.70GHz	1652	1965	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1933	NA	NA
Intel Celeron 3765U @ 1.90GHz	1948	1812	NA	NA
Intel Celeron 3855U @ 1.60GHz	1663	1960	NA	NA
Intel Celeron 3865U @ 1.80GHz	1904	1834	NA	NA
Intel Celeron 3867U @ 1.80GHz	1862	1857	17.40	$107.00*
Intel Celeron 3955U @ 2.00GHz	1970	1799	NA	NA
Intel Celeron 3965U @ 2.20GHz	2347	1638	21.93	$107.00*
Intel Celeron 3965Y @ 1.50GHz	1607	1985	15.02	$107.00*
Intel Celeron 4205U @ 1.80GHz	1981	1791	18.51	$107.00*
Intel Celeron 4305UE @ 2.00GHz	2584	1547	NA	NA
Intel Celeron @ 1.30GHz	965	2325	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2796	NA	NA
Intel Celeron B800 @ 1.50GHz	1273	2158	NA	NA
Intel Celeron B810 @ 1.60GHz	1399	2082	NA	NA
Intel Celeron B815 @ 1.60GHz	1365	2102	NA	NA
Intel Celeron B820 @ 1.70GHz	1431	2073	36.42	$39.29*
Intel Celeron B830 @ 1.80GHz	963.5032043457	2326	NA	NA
Intel Celeron B840 @ 1.90GHz	1715	1923	NA	NA
Intel Celeron D 347 @ 3.06GHz	271	2737	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2703	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2691	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2670	NA	NA
Intel Celeron D 420 @ 1.60GHz	481	2556	NA	NA
Intel Celeron E1200 @ 1.60GHz	861	2380	12.30	$69.99
Intel Celeron E1400 @ 2.00GHz	1053	2274	15.05	$69.99
Intel Celeron E1500 @ 2.20GHz	883.56317138672	2372	44.97	$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2166	NA	NA
Intel Celeron E3200 @ 2.40GHz	1379	2096	26.52	$51.99*
Intel Celeron E3300 @ 2.50GHz	1390	2087	24.39	$57.00
Intel Celeron E3400 @ 2.60GHz	1441	2068	49.69	$29.00
Intel Celeron E3500 @ 2.70GHz	1454	2061	36.36	$39.99*
Intel Celeron G440 @ 1.60GHz	694	2459	13.88	$49.99*
Intel Celeron G460 @ 1.80GHz	1040	2280	16.00	$65.00
Intel Celeron G465 @ 1.90GHz	1073	2266	10.73	$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2137	NA	NA
Intel Celeron G530 @ 2.40GHz	2125	1726	53.14	$39.99*
Intel Celeron G530T @ 2.00GHz	1773	1892	NA	NA

Intel Celeron G540 @ 2.50GHz	2198	1697	48.84	$45.00*
Intel Celeron G540T @ 2.10GHz	2067	1755	NA	NA
Intel Celeron G550 @ 2.60GHz	2291	1654	28.64	$80.00
Intel Celeron G550T @ 2.20GHz	2032	1769	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1607	22.22	$109.00*
Intel Celeron G1101 @ 2.27GHz	1667	1955	84.32	$19.77*
Intel Celeron G1610 @ 2.60GHz	2075.5701293945	1748	44.16	$47.00
Intel Celeron G1610T @ 2.30GHz	2258	1672	56.39	$40.04*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Celeron G1620 @ 2.70GHz	2578	1551	46.88	$54.99
Intel Celeron G1620T @ 2.40GHz	2362	1632	56.24	$42.00*
Intel Celeron G1630 @ 2.80GHz	2507	1580	35.82	$69.99
Intel Celeron G1820 @ 2.70GHz	2749	1499	91.66	$29.99
Intel Celeron G1820T @ 2.40GHz	2495	1586	59.40	$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1722	NA	NA
Intel Celeron G1830 @ 2.80GHz	2568	1556	27.05	$94.95*
Intel Celeron G1840 @ 2.80GHz	2352.3171386719	1636	47.06	$49.99
Intel Celeron G1840T @ 2.50GHz	2550	1562	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1441	36.37	$79.99*
Intel Celeron G3900 @ 2.80GHz	3112	1368	77.82	$39.99
Intel Celeron G3900E @ 2.40GHz	2679	1517	25.04	$107.00*
Intel Celeron G3900T @ 2.60GHz	2925	1434	26.01	$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1545	61.69	$42.00*
Intel Celeron G3920 @ 2.90GHz	3129	1361	34.39	$90.99
Intel Celeron G3930 @ 2.90GHz	3042	1394	33.95	$89.59*
Intel Celeron G3930T @ 2.70GHz	2766	1490	69.24	$39.95
Intel Celeron G3930TE @ 2.70GHz	2946	1427	70.14	$42.00*
Intel Celeron G3950 @ 3.00GHz	3095	1373	28.38	$109.04*
Intel Celeron G4900 @ 3.10GHz	2756.8178710938	1495	50.13	$54.99
Intel Celeron G4900T @ 2.90GHz	3109	1369	74.02	$42.00*
Intel Celeron G4920 @ 3.20GHz	3271	1311	60.47	$54.09
Intel Celeron G4930 @ 3.20GHz	3499	1253	75.15	$46.56
Intel Celeron J1750 @ 2.41GHz	1037	2282	NA	NA
Intel Celeron J1800 @ 2.41GHz	1020	2290	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1980	NA	NA
Intel Celeron J1900 @ 1.99GHz	1425.4913024902	2074	NA	NA
Intel Celeron J3060 @ 1.60GHz	979	2317	NA	NA
Intel Celeron J3160 @ 1.60GHz	1795	1882	NA	NA
Intel Celeron J3355 @ 2.00GHz	1147	2228	NA	NA
Intel Celeron J3455 @ 1.50GHz	2195.8784179688	1699	8.29	$265.00
Intel Celeron J4005 @ 2.00GHz	1552	2014	10.92	$142.10
Intel Celeron J4025 @ 2.00GHz	1750	1906	NA	NA
Intel Celeron J4105 @ 1.50GHz	2644	1529	24.71	$107.00*

Intel Celeron J4125 @ 2.00GHz	2912	1440	NA	NA
Intel Celeron M 1.00GHz	213	2778	16.92	$12.59
Intel Celeron M 1.30GHz	316	2689	NA	NA
Intel Celeron M 1.50GHz	344	2669	NA	NA
Intel Celeron M 1.60GHz	362	2654	NA	NA
Intel Celeron M 1.70GHz	393	2627	NA	NA
Intel Celeron M 360 1.40GHz	328	2680	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2692	NA	NA
Intel Celeron M 420 @ 1.60GHz	334	2673	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2647	NA	NA
Intel Celeron M 440 @ 1.86GHz	392	2628	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2747	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2577	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2593	NA	NA
Intel Celeron M 530 @ 1.73GHz	469	2561	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Celeron M 723 @ 1.20GHz	457	2571	NA	NA
Intel Celeron M 900MHz	205	2784	NA	NA
Intel Celeron M 1300MHz	303	2700	NA	NA
Intel Celeron M 1500MHz	333	2675	NA	NA
Intel Celeron N2805 @ 1.46GHz	460	2570	NA	NA
Intel Celeron N2806 @ 1.60GHz	799	2414	NA	NA
Intel Celeron N2807 @ 1.58GHz	853	2387	NA	NA
Intel Celeron N2808 @ 1.58GHz	897	2370	NA	NA
Intel Celeron N2810 @ 2.00GHz	788	2419	5.63	$139.99*
Intel Celeron N2815 @ 1.86GHz	855	2384	NA	NA
Intel Celeron N2820 @ 2.13GHz	934	2349	6.23	$149.99
Intel Celeron N2830 @ 2.16GHz	736.12144470215	2441	NA	NA
Intel Celeron N2840 @ 2.16GHz	754.34891764323	2432	NA	NA
Intel Celeron N2910 @ 1.60GHz	1189	2204	NA	NA
Intel Celeron N2920 @ 1.86GHz	1513	2032	NA	NA
Intel Celeron N2930 @ 1.83GHz	1203.1106770833	2198	NA	NA
Intel Celeron N2940 @ 1.83GHz	1715	1922	NA	NA
Intel Celeron N3000 @ 1.04GHz	899	2367	NA	NA
Intel Celeron N3010 @ 1.04GHz	967	2324	NA	NA
Intel Celeron N3050 @ 1.60GHz	879	2373	5.33	$164.90
Intel Celeron N3060 @ 1.60GHz	982	2316	NA	NA
Intel Celeron N3150 @ 1.60GHz	1666	1956	NA	NA
Intel Celeron N3160 @ 1.60GHz	1670	1948	5.96	$279.99
Intel Celeron N3350 @ 1.10GHz	975.19228108724	2321	3.90	$249.95
Intel Celeron N3450 @ 1.10GHz	1849	1862	9.99	$185.08*
Intel Celeron N4000 @ 1.10GHz	1541.2158203125	2018	14.40	$107.00*
Intel Celeron N4000C @ 1.10GHz	1226	2184	NA	NA

Intel Celeron N4100 @ 1.10GHz	2628.0581054688	1534	24.56	$107.00*
Intel Celeron N4120 @ 1.10GHz	2175	1703	NA	NA
Intel Celeron P4500 @ 1.87GHz	1116	2237	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2313	NA	NA
Intel Celeron P4600 @ 2.00GHz	1328	2123	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2423	NA	NA
Intel Celeron T1600 @ 1.66GHz	934	2348	46.72	$19.99*
Intel Celeron U1900 @ 1.99GHz	1704	1932	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2445	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2411	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1052	2275	6.58	$159.95
Intel Core2 Duo E4400 @ 2.00GHz	766.28639729818	2425	15.33	$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1272	2160	17.85	$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1384	2091	8.76	$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	2050	54.87	$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	690.88228352865	2462	53.19	$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2208	23.70	$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1288	2143	43.01	$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1360	2104	27.21	$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	2064	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1497	2041	100.13	$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1554	2013	103.67	$14.99*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core2 Duo E6700 @ 2.66GHz	1691	1940	56.39	$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1270.2615356445	2162	123.33	$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1938	1817	38.77	$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1625	1979	33.16	$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1726	1916	43.28	$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1769	1894	61.02	$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1526.4113769531	2024	101.83	$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1957	1805	16.32	$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1490	2045	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1789	1885	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1882	1848	37.65	$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1807	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1634	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1612.868347168	1983	80.68	$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1855	1859	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1725	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	1357.4964599609	2108	29.84	$45.50*
Intel Core2 Duo E8435 @ 3.06GHz	2068	1754	34.47	$59.99
Intel Core2 Duo E8500 @ 3.16GHz	2277	1659	56.94	$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	1736.9325358073	1912	87.06	$19.95

Intel Core2 Duo L7100 @ 1.20GHz	760	2428	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2401	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2390	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	961	2330	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	969	2322	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2236	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1081	2262	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1346	2112	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1290	2142	64.53	$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1311	2128	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1417	2077	35.43	$39.99*
Intel Core2 Duo P7550 @ 2.26GHz	1518	2029	6.60	$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1455	2060	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1452	2063	4.89	$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1275.2024230957	2156	25.93	$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1087.0211181641	2255	28.61	$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1740	1910	30.53	$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	2009	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1749	1907	1.75	$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1754	1904	17.72	$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1867	1853	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2016	1780	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1252	2173	4.95	$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1945	5.90	$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	927	2352	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	831	2396	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	841	2393	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2407	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	935	2347	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core2 Duo T5450 @ 1.66GHz	914	2360	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2364	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	924	2353	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1040	2281	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1028	2285	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2310	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	822.20123291016	2403	82.30	$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1113	2240	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1206	2195	75.85	$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	945.00805664062	2341	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2192	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2185	81.79	$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1284	2147	85.66	$14.99*

Intel Core2 Duo T6570 @ 2.10GHz	1255	2168	32.60	$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1358	2107	71.85	$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1360	2105	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1019	2292	46.34	$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1166	2219	11.67	$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1116	2238	5.54	$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1196	2201	38.59	$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1252	2171	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1272	2161	29.59	$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1379	2095	12.54	$109.95*
Intel Core2 Duo T7700 @ 2.40GHz	1424	2075	10.18	$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1601	1990	2.63	$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1088.6746826172	2253	1.09	$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1000.3562011719	2303	9.18	$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1273.0415649414	2157	21.95	$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1735	1914	38.60	$44.95*
Intel Core2 Duo T9500 @ 2.60GHz	1792	1883	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1802	1878	6.03	$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1925	1822	21.40	$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2000	1783	4.72	$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2137	1717	5.36	$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	869	2378	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2497	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	670	2470	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2457	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	855	2385	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1129	2234	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1217	3.25	$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3613	1223	2.42	$1,495.95*
Intel Core2 Extreme Q9200 @ 2.40GHz	3415	1272	NA	NA
Intel Core2 Extreme Q9300 @ 2.53GHz	3456	1263	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1873	1851	7.10	$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1798	1880	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1692	1938	11.28	$149.95
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1839	4.62	$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2078	1745	2.44	$851.00*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core2 Extreme X9650 @ 3.00GHz	4155	1121	4.83	$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	1046	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4608	1024	2.86	$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	1013	2.57	$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2163.9461669922	1708	54.13	$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3277	1309	72.84	$44.99*

Intel Core2 Quad Q8200 @ 2.33GHz	2209.9968261719	1692	96.13	$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2976	1416	59.53	$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3160	1348	13.17	$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2069.4276733398	1751	5.32	$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1321	8.40	$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3152	1351	15.80	$199.50*
Intel Core2 Quad Q9400 @ 2.66GHz	2420.2438476563	1608	50.39	$48.03*
Intel Core2 Quad Q9450 @ 2.66GHz	2578.3954467773	1550	72.22	$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	2964.8118896484	1424	84.73	$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3517	1248	18.51	$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3135.9256591797	1357	70.49	$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4152	1123	25.11	$165.32*
Intel Core2 Solo U2100 @ 1.06GHz	359	2656	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	466	2564	NA	NA
Intel Core 860 @ 2.80GHz	4555	1031	66.99	$68.00
Intel Core Duo L2300 @ 1.50GHz	719	2448	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2455	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2435	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2460	NA	NA
Intel Core Duo T2250 @ 1.73GHz	755	2431	NA	NA
Intel Core Duo T2300 @ 1.66GHz	726	2443	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2426	NA	NA
Intel Core Duo T2400 @ 1.83GHz	793	2416	49.56	$16.00*
Intel Core Duo T2450 @ 2.00GHz	822	2404	NA	NA
Intel Core Duo T2500 @ 2.00GHz	863	2379	7.19	$119.99*
Intel Core Duo T2600 @ 2.16GHz	943	2343	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1022	2288	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2515	NA	NA
Intel Core Duo U2500 @ 1.20GHz	507	2538	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1818	NA	NA
Intel Core i3-330M @ 2.13GHz	1445.4209594727	2066	9.04	$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2265	NA	NA
Intel Core i3-350M @ 2.27GHz	1891	1841	54.57	$34.65
Intel Core i3-370M @ 2.40GHz	1637.1108398438	1969	47.03	$34.81*
Intel Core i3-380M @ 2.53GHz	1384.7993774414	2090	25.41	$54.49*
Intel Core i3-380UM @ 1.33GHz	1160	2223	NA	NA
Intel Core i3-390M @ 2.67GHz	2168	1707	55.66	$38.95*
Intel Core i3-530 @ 2.93GHz	2563	1558	94.93	$27.00
Intel Core i3-540 @ 3.07GHz	2147.0665283203	1714	34.40	$62.42
Intel Core i3-550 @ 3.20GHz	1952.8818054199	1810	11.63	$167.95
Intel Core i3-560 @ 3.33GHz	2935	1429	16.31	$179.95*
Intel Core i3-1005G1 @ 1.20GHz	6102	782	21.72	$281.00*
Intel Core i3-2100 @ 3.10GHz	2347.5793762207	1637	234.52	$10.01

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2100T @ 2.50GHz	3009	1404	50.16	$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1199	64.41	$58.00*
Intel Core i3-2105 @ 3.10GHz	3716	1203	32.32	$114.99*
Intel Core i3-2120 @ 3.30GHz	2507.3037719727	1579	156.80	$15.99
Intel Core i3-2120T @ 2.60GHz	3166	1344	105.71	$29.95
Intel Core i3-2125 @ 3.30GHz	4018	1143	19.41	$207.00*
Intel Core i3-2130 @ 3.40GHz	4075	1134	159.87	$25.49
Intel Core i3-2140 @ 3.50GHz	4325	1084	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1463	12.62	$225.00*
Intel Core i3-2310M @ 2.10GHz	1462.9318644206	2059	37.69	$38.81*
Intel Core i3-2312M @ 2.10GHz	2374	1627	NA	NA
Intel Core i3-2328M @ 2.20GHz	2544	1565	27.36	$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1383	NA	NA
Intel Core i3-2330M @ 2.20GHz	1760.920328776	1898	35.25	$49.95*
Intel Core i3-2332M @ 2.20GHz	2382	1625	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1920	NA	NA
Intel Core i3-2348M @ 2.30GHz	2628	1535	NA	NA
Intel Core i3-2350M @ 2.30GHz	2031.9644775391	1770	92.87	$21.88
Intel Core i3-2357M @ 1.30GHz	1556	2012	NA	NA
Intel Core i3-2365M @ 1.40GHz	1682	1943	NA	NA
Intel Core i3-2367M @ 1.40GHz	1705	1931	NA	NA
Intel Core i3-2370M @ 2.40GHz	2109.7434692383	1733	57.04	$36.99
Intel Core i3-2375M @ 1.50GHz	1776	1889	NA	NA
Intel Core i3-2377M @ 1.50GHz	1827	1872	NA	NA
Intel Core i3-3110M @ 2.40GHz	3085	1379	38.59	$79.95*
Intel Core i3-3120M @ 2.50GHz	2512.9379882812	1577	64.60	$38.90
Intel Core i3-3130M @ 2.60GHz	3388	1280	NA	NA
Intel Core i3-3210 @ 3.20GHz	4049	1137	20.35	$199.00*
Intel Core i3-3217U @ 1.80GHz	1495.9282633464	2042	6.50	$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1710	NA	NA
Intel Core i3-3220 @ 3.30GHz	2649.3677368164	1528	69.72	$38.00
Intel Core i3-3220T @ 2.80GHz	3697	1206	32.15	$115.00
Intel Core i3-3225 @ 3.30GHz	3025.6975097656	1397	9.31	$324.99
Intel Core i3-3227U @ 1.90GHz	2471	1593	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1935	NA	NA
Intel Core i3-3240 @ 3.40GHz	2819.3377075195	1470	62.65	$45.00
Intel Core i3-3240T @ 2.90GHz	3661	1216	NA	NA
Intel Core i3-3245 @ 3.40GHz	4473	1055	32.89	$135.99*
Intel Core i3-3250 @ 3.50GHz	3447.9852294922	1264	57.47	$60.00
Intel Core i3-3250T @ 3.00GHz	3614	1222	NA	NA
Intel Core i3-4000M @ 2.40GHz	3257	1317	16.29	$199.95*
Intel Core i3-4005U @ 1.70GHz	1922.1315307617	1823	NA	NA

Intel Core i3-4010U @ 1.70GHz	2446	1602	12.29	$199.00
Intel Core i3-4010Y @ 1.30GHz	1900	1837	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2163	1709	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2210	1691	NA	NA
Intel Core i3-4025U @ 1.90GHz	2789	1480	NA	NA
Intel Core i3-4030U @ 1.90GHz	2110.8374023438	1731	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1581	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i3-4100M @ 2.50GHz	3433	1271	15.71	$218.57*
Intel Core i3-4110M @ 2.60GHz	3854	1171	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1447	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1393	NA	NA
Intel Core i3-4130 @ 3.40GHz	3920.5539550781	1162	52.98	$74.00
Intel Core i3-4130T @ 2.90GHz	4156	1120	16.72	$248.56*
Intel Core i3-4150 @ 3.50GHz	3955.8366699219	1152	47.13	$83.94
Intel Core i3-4150T @ 3.00GHz	4228	1105	18.39	$229.95
Intel Core i3-4158U @ 2.00GHz	2914	1439	NA	NA
Intel Core i3-4160 @ 3.60GHz	3929.1697265625	1159	130.97	$30.00
Intel Core i3-4160T @ 3.10GHz	4475	1054	29.84	$149.99*
Intel Core i3-4170 @ 3.70GHz	3747.3688964844	1197	24.30	$154.22
Intel Core i3-4170T @ 3.20GHz	4501	1047	21.44	$209.95*
Intel Core i3-4330 @ 3.50GHz	5089	930	78.30	$64.99
Intel Core i3-4330T @ 3.00GHz	4507	1044	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1333	NA	NA
Intel Core i3-4340 @ 3.60GHz	5245	908	30.85	$169.99*
Intel Core i3-4350 @ 3.60GHz	4990	952	29.35	$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	1090	NA	NA
Intel Core i3-4360 @ 3.70GHz	5451	872	60.57	$89.99
Intel Core i3-4360T @ 3.20GHz	4636	1016	NA	NA
Intel Core i3-4370 @ 3.80GHz	4812.5256347656	981	15.57	$309.00*
Intel Core i3-4370T @ 3.30GHz	4924	962	35.68	$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	958	NA	NA
Intel Core i3-5005U @ 2.00GHz	2261.519241333	1671	NA	NA
Intel Core i3-5010U @ 2.10GHz	3062	1389	8.75	$349.99
Intel Core i3-5015U @ 2.10GHz	2983	1414	NA	NA
Intel Core i3-5020U @ 2.20GHz	3201	1331	6.97	$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	1213	NA	NA
Intel Core i3-6006U @ 2.00GHz	2629.2637329102	1533	NA	NA
Intel Core i3-6098P @ 3.60GHz	5389	884	40.29	$133.74*
Intel Core i3-6100 @ 3.70GHz	4772.2279052734	988	40.11	$118.99
Intel Core i3-6100E @ 2.70GHz	3769	1188	NA	NA
Intel Core i3-6100H @ 2.70GHz	4195	1114	NA	NA
Intel Core i3-6100T @ 3.20GHz	4862	972	36.02	$134.99*

Intel Core i3-6100TE @ 2.70GHz	4328	1083	NA	NA
Intel Core i3-6100U @ 2.30GHz	3131.0419108073	1359	7.46	$419.99
Intel Core i3-6102E @ 1.90GHz	3196	1335	14.20	$225.00*
Intel Core i3-6157U @ 2.40GHz	3819	1181	NA	NA
Intel Core i3-6300 @ 3.80GHz	5844	810	19.48	$299.99
Intel Core i3-6300T @ 3.30GHz	4708.6369628906	1003	30.38	$154.99*
Intel Core i3-6320 @ 3.90GHz	6051	791	14.87	$407.00*
Intel Core i3-7020U @ 2.30GHz	2493.1398111979	1587	8.87	$281.00*
Intel Core i3-7100 @ 3.90GHz	4646.042561849	1012	35.51	$130.84
Intel Core i3-7100H @ 3.00GHz	4271	1095	18.98	$225.00*
Intel Core i3-7100T @ 3.40GHz	5055	937	33.12	$152.61
Intel Core i3-7100U @ 2.40GHz	3178.5845947266	1340	7.75	$409.99*
Intel Core i3-7101TE @ 3.40GHz	5160	922	44.10	$117.00*
Intel Core i3-7102E @ 2.10GHz	3266	1313	14.52	$225.00*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i3-7130U @ 2.70GHz	3622.6125488281	1221	7.88	$459.99*
Intel Core i3-7167U @ 2.80GHz	4757	991	NA	NA
Intel Core i3-7300 @ 4.00GHz	6319	756	39.50	$159.99*
Intel Core i3-7300T @ 3.50GHz	5369	888	29.57	$181.59*
Intel Core i3-7320 @ 4.10GHz	6406	746	35.06	$182.72*
Intel Core i3-7350K @ 4.20GHz	6593	721	39.02	$168.98
Intel Core i3-8100 @ 3.60GHz	6896.79140625	684	57.49	$119.97
Intel Core i3-8100B @ 3.60GHz	8499	518	63.90	$133.00*
Intel Core i3-8100T @ 3.10GHz	7258	651	56.26	$129.00*
Intel Core i3-8109U @ 3.00GHz	6064	790	14.79	$410.00
Intel Core i3-8121U @ 2.20GHz	4802	984	10.22	$469.99
Intel Core i3-8130U @ 2.20GHz	3879.092956543	1166	13.80	$281.00*
Intel Core i3-8145U @ 2.10GHz	5453	871	19.41	$281.00*
Intel Core i3-8300 @ 3.70GHz	8667	507	60.69	$142.81
Intel Core i3-8300T @ 3.20GHz	8032	558	47.11	$170.49*
Intel Core i3-8350K @ 4.00GHz	8357.4523925781	532	42.05	$198.75
Intel Core i3-9100 @ 3.60GHz	7553.9145507812	613	54.76	$137.95
Intel Core i3-9100F @ 3.60GHz	7178.7843967014	656	88.63	$81.00
Intel Core i3-9100T @ 3.10GHz	7690	601	63.03	$122.00*
Intel Core i3-9300 @ 3.70GHz	10018	385	65.91	$152.00*
Intel Core i3-9300T @ 3.20GHz	8777	496	61.38	$143.00*
Intel Core i3-9320 @ 3.70GHz	10144	371	62.62	$162.00*
Intel Core i3-9350KF @ 4.00GHz	10562	342	58.36	$180.97
Intel Core i3-10110U @ 2.10GHz	5511	863	NA	NA
Intel Core i3-21050 @ 3.10GHz	3862	1169	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1698	21.97	$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1588	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3520	1247	NA	NA

Intel Core i5-7Y57 @ 1.20GHz	3676	1212	NA	NA
Intel Core i5-430M @ 2.27GHz	1472.7647501628	2052	10.52	$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	2116	NA	NA
Intel Core i5-450M @ 2.40GHz	1737.4103393555	1911	54.38	$31.95*
Intel Core i5-460M @ 2.53GHz	1852.8403320312	1860	24.72	$74.95*
Intel Core i5-470UM @ 1.33GHz	1054	2273	NA	NA
Intel Core i5-480M @ 2.67GHz	2399	1619	29.76	$80.60*
Intel Core i5-520M @ 2.40GHz	1945.4663085938	1813	32.43	$59.99*
Intel Core i5-520UM @ 1.07GHz	1348	2111	NA	NA
Intel Core i5-540M @ 2.53GHz	2453	1598	36.07	$68.00*
Intel Core i5-540UM @ 1.20GHz	1375	2098	NA	NA
Intel Core i5-560M @ 2.67GHz	2021.0440266927	1777	49.52	$40.81
Intel Core i5-560UM @ 1.33GHz	1669	1950	NA	NA
Intel Core i5-580M @ 2.67GHz	2593	1544	23.58	$109.95*
Intel Core i5-650 @ 3.20GHz	3091	1374	128.79	$24.00
Intel Core i5-655K @ 3.20GHz	3353	1288	55.89	$59.99*
Intel Core i5-660 @ 3.33GHz	2774.0814615885	1488	78.14	$35.50*
Intel Core i5-661 @ 3.33GHz	3194	1336	13.89	$229.99*
Intel Core i5-670 @ 3.47GHz	3310	1303	11.86	$279.00*
Intel Core i5-680 @ 3.60GHz	3497	1254	38.86	$89.99*
Intel Core i5-750 @ 2.67GHz	3718	1202	83.68	$44.43*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i5-760 @ 2.80GHz	2966.2836914062	1423	19.26	$154.03*
Intel Core i5-760S @ 2.53GHz	5440	874	NA	NA
Intel Core i5-1035G1 @ 1.00GHz	8130.0343424479	552	27.37	$297.00*
Intel Core i5-1035G4 @ 1.10GHz	9601.8713378906	425	31.07	$309.00*
Intel Core i5-1035G7 @ 1.20GHz	9284.4453125	453	29.01	$320.00*
Intel Core i5-2300 @ 2.80GHz	5373	887	67.17	$79.99*
Intel Core i5-2310 @ 2.90GHz	4727.7556152344	1000	33.46	$141.29*
Intel Core i5-2320 @ 3.00GHz	4835.1805419922	976	58.26	$83.00
Intel Core i5-2380P @ 3.10GHz	5738	828	13.33	$430.59*
Intel Core i5-2390T @ 2.70GHz	4213	1110	42.17	$99.90*
Intel Core i5-2400 @ 3.10GHz	4375.0096842448	1073	97.24	$44.99
Intel Core i5-2400S @ 2.50GHz	4996	950	29.05	$172.00
Intel Core i5-2405S @ 2.50GHz	5082	931	24.43	$208.00*
Intel Core i5-2410M @ 2.30GHz	2331.7368408203	1639	32.39	$72.00
Intel Core i5-2415M @ 2.30GHz	3307	1304	NA	NA
Intel Core i5-2430M @ 2.40GHz	2383.8951822917	1624	26.78	$89.02*
Intel Core i5-2435M @ 2.40GHz	3221	1325	NA	NA
Intel Core i5-2450M @ 2.50GHz	3402	1274	46.41	$73.30*
Intel Core i5-2450P @ 3.20GHz	6149	775	68.33	$89.99*
Intel Core i5-2467M @ 1.60GHz	2320	1643	NA	NA
Intel Core i5-2500 @ 3.30GHz	5284.00390625	901	117.42	$45.00

Intel Core i5-2500K @ 3.30GHz	4952.4591796875	955	11.40	$434.26*
Intel Core i5-2500S @ 2.70GHz	5408	879	82.89	$65.24*
Intel Core i5-2500T @ 2.30GHz	4647	1011	51.64	$89.99*
Intel Core i5-2510E @ 2.50GHz	3483	1256	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1302	NA	NA
Intel Core i5-2520M @ 2.50GHz	2397.8504464286	1620	46.02	$52.10
Intel Core i5-2537M @ 1.40GHz	2064	1756	NA	NA
Intel Core i5-2540M @ 2.60GHz	2884.7496744792	1455	60.07	$48.02
Intel Core i5-2550K @ 3.40GHz	6680	709	35.16	$190.00*
Intel Core i5-2557M @ 1.70GHz	2699	1515	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1195	NA	NA
Intel Core i5-3170K @ 3.20GHz	8882	490	NA	NA
Intel Core i5-3210M @ 2.50GHz	2504.2700369699	1582	39.10	$64.04
Intel Core i5-3230M @ 2.60GHz	3088.8837280273	1376	14.21	$217.42*
Intel Core i5-3317U @ 1.70GHz	2364.6380615234	1630	10.51	$225.00*
Intel Core i5-3320M @ 2.60GHz	3064.9378255208	1387	43.90	$69.81*
Intel Core i5-3330 @ 3.00GHz	4643.2681274414	1014	23.23	$199.88*
Intel Core i5-3330S @ 2.70GHz	5684	834	56.84	$100.00*
Intel Core i5-3335S @ 2.70GHz	5795	817	NA	NA
Intel Core i5-3337U @ 1.80GHz	2575.340625	1552	11.45	$225.00*
Intel Core i5-3339Y @ 1.50GHz	2225	1688	NA	NA
Intel Core i5-3340 @ 3.10GHz	6114	779	20.87	$293.01*
Intel Core i5-3340M @ 2.70GHz	4248	1100	60.73	$69.95
Intel Core i5-3340S @ 2.80GHz	5862	806	39.08	$149.99*
Intel Core i5-3350P @ 3.10GHz	6158	774	41.06	$149.99*
Intel Core i5-3360M @ 2.80GHz	3434.7176920573	1269	37.01	$92.81*
Intel Core i5-3380M @ 2.90GHz	3824.2231445312	1179	NA	NA
Intel Core i5-3427U @ 1.80GHz	3551	1236	8.45	$420.05*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i5-3437U @ 1.90GHz	3629	1220	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1432	NA	NA
Intel Core i5-3450 @ 3.10GHz	6540	728	30.23	$216.34*
Intel Core i5-3450S @ 2.80GHz	6240	762	42.17	$147.99*
Intel Core i5-3470 @ 3.20GHz	4926.799235026	961	98.63	$49.95
Intel Core i5-3470S @ 2.90GHz	6407	745	27.86	$230.00*
Intel Core i5-3470T @ 2.90GHz	4500	1048	14.57	$308.95
Intel Core i5-3475S @ 2.90GHz	6609	718	46.06	$143.50*
Intel Core i5-3550 @ 3.30GHz	6971	674	22.49	$309.99*
Intel Core i5-3550S @ 3.00GHz	6925	681	22.90	$302.45*
Intel Core i5-3570 @ 3.40GHz	5436.3254394531	875	129.59	$41.95
Intel Core i5-3570K @ 3.40GHz	5228.8177897135	910	17.43	$300.00
Intel Core i5-3570S @ 3.10GHz	6752	702	110.71	$60.99*
Intel Core i5-3570T @ 2.30GHz	5944	799	NA	NA

Intel Core i5-3610ME @ 2.70GHz	3884	1164	NA	NA
Intel Core i5-4200H @ 2.80GHz	4467	1058	NA	NA
Intel Core i5-4200M @ 2.50GHz	4039	1139	45.41	$88.95
Intel Core i5-4200U @ 1.60GHz	2626.7837524414	1536	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2399	1617	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2253	1673	NA	NA
Intel Core i5-4210H @ 2.90GHz	4536	1039	NA	NA
Intel Core i5-4210M @ 2.60GHz	4220	1107	13.62	$309.95*
Intel Core i5-4210U @ 1.70GHz	2665.22109375	1523	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2375	1626	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1648	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1448	NA	NA
Intel Core i5-4250U @ 1.30GHz	3370	1285	9.66	$349.00
Intel Core i5-4258U @ 2.40GHz	4096	1132	NA	NA
Intel Core i5-4260U @ 1.40GHz	3063.3098144531	1388	NA	NA
Intel Core i5-4278U @ 2.60GHz	4371	1075	NA	NA
Intel Core i5-4288U @ 2.60GHz	4290	1091	NA	NA
Intel Core i5-4300M @ 2.60GHz	3842.5168457031	1175	NA	NA
Intel Core i5-4300U @ 1.90GHz	2994.8889160156	1411	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2091.9495239258	1737	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1419	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	1108	NA	NA
Intel Core i5-4310M @ 2.70GHz	4059.2294921875	1136	NA	NA
Intel Core i5-4310U @ 2.00GHz	2750.3170776367	1498	NA	NA
Intel Core i5-4330M @ 2.80GHz	4551	1033	16.55	$274.99*
Intel Core i5-4340M @ 2.90GHz	4882	968	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1224	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	1036	17.10	$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1157	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1476	10.55	$266.00*
Intel Core i5-4430 @ 3.00GHz	5603.2153320312	844	80.10	$69.95
Intel Core i5-4430S @ 2.70GHz	5984	794	37.40	$159.99*
Intel Core i5-4440 @ 3.10GHz	5553.9287109375	856	11.17	$497.00*
Intel Core i5-4440S @ 2.80GHz	6275	757	13.55	$462.97*
Intel Core i5-4460 @ 3.20GHz	5335.7328125	892	66.70	$79.99
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i5-4460S @ 2.90GHz	6441	740	9.76	$659.99*
Intel Core i5-4460T @ 1.90GHz	4991	951	NA	NA
Intel Core i5-4570 @ 3.20GHz	5799.5568033854	815	116.11	$49.95
Intel Core i5-4570R @ 2.70GHz	6783	698	NA	NA
Intel Core i5-4570S @ 2.90GHz	6079.2038574219	786	14.83	$409.95
Intel Core i5-4570T @ 2.90GHz	4828	977	23.00	$209.95
Intel Core i5-4570TE @ 2.70GHz	3827	1178	19.14	$199.99*

Intel Core i5-4590 @ 3.30GHz	5746.5100708008	827	55.25	$104.00
Intel Core i5-4590S @ 3.00GHz	7100	659	49.61	$143.13
Intel Core i5-4590T @ 2.00GHz	4905.8610839844	966	23.37	$209.95*
Intel Core i5-4670 @ 3.40GHz	7486	618	75.62	$99.00
Intel Core i5-4670K @ 3.40GHz	5898.4510216346	803	18.44	$319.95
Intel Core i5-4670K CPT @ 3.40GHz	7411	634	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	632	26.88	$276.00*
Intel Core i5-4670S @ 3.10GHz	7404	636	34.76	$213.00*
Intel Core i5-4670T @ 2.30GHz	6175	769	23.84	$259.02*
Intel Core i5-4690 @ 3.50GHz	5965.2285970052	796	27.01	$220.87
Intel Core i5-4690K @ 3.50GHz	6498.9382324219	731	43.62	$149.00
Intel Core i5-4690S @ 3.20GHz	7470	622	20.80	$359.21*
Intel Core i5-4690T @ 2.50GHz	6547	726	NA	NA
Intel Core i5-5200U @ 2.20GHz	2744.4657897949	1500	9.77	$281.00*
Intel Core i5-5250U @ 1.60GHz	3601	1228	8.15	$441.89*
Intel Core i5-5257U @ 2.70GHz	4392	1069	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	1006	NA	NA
Intel Core i5-5300U @ 2.30GHz	3008.8900320871	1405	5.54	$543.39*
Intel Core i5-5350U @ 1.80GHz	3542	1239	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	620	NA	NA
Intel Core i5-5675C @ 3.10GHz	8128	553	26.22	$309.95*
Intel Core i5-5675R @ 3.10GHz	7991	567	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4154	1122	NA	NA
Intel Core i5-6200U @ 2.30GHz	3061.7618815104	1390	NA	NA
Intel Core i5-6260U @ 1.80GHz	4363	1076	13.68	$319.00
Intel Core i5-6267U @ 2.90GHz	3203.7507324219	1330	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	994	15.63	$304.00*
Intel Core i5-6300HQ @ 2.30GHz	5329.1021728516	895	NA	NA
Intel Core i5-6300U @ 2.40GHz	3602.4254927202	1227	NA	NA
Intel Core i5-6360U @ 2.00GHz	4612	1022	NA	NA
Intel Core i5-6400 @ 2.70GHz	5512.0929129464	861	24.09	$228.83*
Intel Core i5-6400T @ 2.20GHz	5632	839	21.67	$259.95*
Intel Core i5-6402P @ 2.80GHz	6559.9240722656	724	34.53	$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6424	743	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6160.8376464844	773	NA	NA
Intel Core i5-6442EQ @ 1.90GHz	5953	798	23.81	$250.00*
Intel Core i5-6500 @ 3.20GHz	5820.8343331473	812	35.93	$162.00
Intel Core i5-6500T @ 2.50GHz	6329	755	23.45	$269.95*
Intel Core i5-6500TE @ 2.30GHz	6606	719	33.03	$199.99
Intel Core i5-6600 @ 3.30GHz	6651.2192382812	712	25.37	$262.13*
Intel Core i5-6600K @ 3.50GHz	6999.6216634115	669	31.82	$219.99*
Intel Core i5-6600T @ 2.70GHz	7309	643	24.37	$299.95*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**

Intel Core i5-7200U @ 2.50GHz	3570.7174479167	1234	7.95	$449.00
Intel Core i5-7260U @ 2.20GHz	5643	838	14.85	$379.99
Intel Core i5-7267U @ 3.10GHz	5051	938	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	836	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	5301.1172485352	900	NA	NA
Intel Core i5-7300U @ 2.60GHz	4266.7396647135	1096	8.37	$509.90
Intel Core i5-7360U @ 2.30GHz	5863	805	NA	NA
Intel Core i5-7400 @ 3.00GHz	5805.7900390625	814	26.32	$220.62
Intel Core i5-7400T @ 2.40GHz	6352	752	12.10	$525.00
Intel Core i5-7440HQ @ 2.80GHz	6845.7900390625	691	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	5901	802	23.60	$250.00*
Intel Core i5-7500 @ 3.40GHz	6804.1685112847	696	36.00	$189.00
Intel Core i5-7500T @ 2.70GHz	6070.7331542969	787	26.39	$230.00
Intel Core i5-7600 @ 3.50GHz	7594.5485026042	610	20.20	$375.89*
Intel Core i5-7600K @ 3.80GHz	6863.2543945312	689	31.63	$217.00
Intel Core i5-7600T @ 2.80GHz	7952	571	28.34	$280.55*
Intel Core i5-7640X @ 4.00GHz	9440	438	34.96	$270.00
Intel Core i5-8200Y @ 1.30GHz	4309	1088	14.81	$291.00*
Intel Core i5-8210Y @ 1.60GHz	4227	1106	NA	NA
Intel Core i5-8250U @ 1.60GHz	6348.6175130208	753	NA	NA
Intel Core i5-8257U @ 1.40GHz	10767	333	33.65	$320.00*
Intel Core i5-8259U @ 2.30GHz	9465.2776692708	432	14.02	$675.00
Intel Core i5-8265U @ 1.60GHz	6656.0556640625	711	22.41	$297.00*
Intel Core i5-8265UC @ 1.60GHz	7783	588	NA	NA
Intel Core i5-8279U @ 2.40GHz	10599	340	33.12	$320.00*
Intel Core i5-8300H @ 2.30GHz	7639.7626953125	607	30.56	$250.00*
Intel Core i5-8305G @ 2.80GHz	9000	480	NA	NA
Intel Core i5-8350U @ 1.70GHz	7861.7866210938	580	26.47	$297.00*
Intel Core i5-8365U @ 1.60GHz	6889.126953125	685	8.61	$799.99
Intel Core i5-8365UE @ 1.60GHz	8010	563	26.97	$297.00*
Intel Core i5-8400 @ 2.80GHz	9638.6729492187	421	49.43	$195.00
Intel Core i5-8400H @ 2.50GHz	10379	357	41.52	$250.00*
Intel Core i5-8400T @ 1.70GHz	8453.4189453125	522	44.73	$189.00*
Intel Core i5-8500 @ 3.00GHz	10026.141601562	383	33.06	$303.29
Intel Core i5-8500B @ 3.00GHz	12756	260	66.44	$192.00*
Intel Core i5-8500T @ 2.10GHz	9117.4140625	467	38.90	$234.36*
Intel Core i5-8600 @ 3.10GHz	11081.113769531	314	34.05	$325.48
Intel Core i5-8600K @ 3.60GHz	11410.944824219	300	43.89	$259.99
Intel Core i5-8600T @ 2.30GHz	11135	312	30.34	$366.99*
Intel Core i5-9300H @ 2.40GHz	8182.7117513021	549	32.73	$250.00*
Intel Core i5-9400 @ 2.90GHz	9146.106241862	463	41.76	$219.00
Intel Core i5-9400F @ 2.90GHz	9917.3299316406	391	66.12	$149.99
Intel Core i5-9400H @ 2.50GHz	11191	309	44.76	$250.00*

Intel Core i5-9400T @ 1.80GHz	9646	419	53.00	$182.00*
Intel Core i5-9500 @ 3.00GHz	9560.4371337891	427	31.35	$305.00
Intel Core i5-9500F @ 3.00GHz	13104	254	64.87	$202.00*
Intel Core i5-9500T @ 2.20GHz	9845.1147460938	401	51.28	$192.00*
Intel Core i5-9600 @ 3.10GHz	12391.723632812	268	37.23	$332.81
Intel Core i5-9600K @ 3.70GHz	11625.616768973	297	48.67	$238.88
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i5-9600KF @ 3.70GHz	11139.740429687	311	53.05	$209.99
Intel Core i5-9600T @ 2.30GHz	11706	293	54.96	$213.00*
Intel Core i5-10210U @ 1.60GHz	7435.8136393229	627	25.04	$297.00*
Intel Core i5-10210Y @ 1.00GHz	7124	658	NA	NA
Intel Core i5-10300H @ 2.50GHz	9501	430	NA	NA
Intel Core i5-24050S @ 2.50GHz	4928	960	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3211.4777832031	1328	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1566	NA	NA
Intel Core i7-620LM @ 2.00GHz	1963	1801	NA	NA
Intel Core i7-620M @ 2.67GHz	2713	1511	24.66	$110.01*
Intel Core i7-620UM @ 1.07GHz	1338	2118	NA	NA
Intel Core i7-640LM @ 2.13GHz	2245	1677	NA	NA
Intel Core i7-640M @ 2.80GHz	2405.0166015625	1614	12.22	$196.79
Intel Core i7-640UM @ 1.20GHz	1631	1977	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1908	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1928	NA	NA
Intel Core i7-720QM @ 1.60GHz	2021.3566650391	1776	39.64	$50.99
Intel Core i7-740QM @ 1.73GHz	3187	1338	19.92	$159.95*
Intel Core i7-820QM @ 1.73GHz	3215	1327	13.40	$239.95*
Intel Core i7-840QM @ 1.87GHz	3412	1273	11.77	$289.97*
Intel Core i7-860 @ 2.80GHz	3526.3283081055	1244	12.16	$289.95*
Intel Core i7-860S @ 2.53GHz	4919	963	24.60	$199.99*
Intel Core i7-870 @ 2.93GHz	5334	894	98.87	$53.95
Intel Core i7-870S @ 2.67GHz	4849	974	NA	NA
Intel Core i7-875K @ 2.93GHz	5413	878	13.88	$389.99
Intel Core i7-880 @ 3.07GHz	5511	862	9.45	$583.00*
Intel Core i7-920 @ 2.67GHz	4908	965	158.32	$31.00
Intel Core i7-920XM @ 2.00GHz	3719	1201	9.30	$399.95*
Intel Core i7-930 @ 2.80GHz	4073.6490478516	1135	37.04	$109.99*
Intel Core i7-940 @ 2.93GHz	5325	897	51.21	$103.99*
Intel Core i7-940XM @ 2.13GHz	3921	1161	NA	NA
Intel Core i7-950 @ 3.07GHz	3690.9447021484	1209	123.07	$29.99
Intel Core i7-960 @ 3.20GHz	3384.1800537109	1282	12.15	$278.51
Intel Core i7-965 @ 3.20GHz	5850	809	41.79	$139.99*
Intel Core i7-970 @ 3.20GHz	8349	534	16.70	$499.95*
Intel Core i7-975 @ 3.33GHz	4810.1379394531	982	11.73	$409.92*

Intel Core i7-980 @ 3.33GHz	8522	517	42.61	$199.98*
Intel Core i7-980X @ 3.33GHz	8739	499	7.94	$1,099.95
Intel Core i7-985 @ 3.47GHz	6641	713	NA	NA
Intel Core i7-990X @ 3.47GHz	9037	477	33.85	$267.00
Intel Core i7-995X @ 3.60GHz	9791	407	NA	NA
Intel Core i7-1065G7 @ 1.30GHz	9625.0698852539	424	NA	NA
Intel Core i7-2600 @ 3.40GHz	5483.945992606	864	60.96	$89.96
Intel Core i7-2600K @ 3.40GHz	6388.1296386719	749	46.88	$136.28
Intel Core i7-2600S @ 2.80GHz	5817.2736816406	813	61.16	$95.12
Intel Core i7-2610UE @ 1.50GHz	2481	1590	NA	NA
Intel Core i7-2617M @ 1.50GHz	2809	1474	NA	NA
Intel Core i7-2620M @ 2.70GHz	3257.0709228516	1316	19.18	$169.81*
Intel Core i7-2630QM @ 2.00GHz	4111.4019775391	1127	39.99	$102.81*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i7-2630UM @ 1.60GHz	2584	1548	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5426	877	NA	NA
Intel Core i7-2637M @ 1.70GHz	2904	1444	NA	NA
Intel Core i7-2640M @ 2.80GHz	3087.5	1378	28.12	$109.81
Intel Core i7-2655LE @ 2.20GHz	3229	1323	NA	NA
Intel Core i7-2670QM @ 2.20GHz	4496.0803833008	1049	32.49	$138.40*
Intel Core i7-2675QM @ 2.20GHz	5544	857	NA	NA
Intel Core i7-2677M @ 1.80GHz	2837	1464	NA	NA
Intel Core i7-2700K @ 3.50GHz	7278.3933105469	646	25.10	$290.00
Intel Core i7-2710QE @ 2.10GHz	5772	820	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	889	NA	NA
Intel Core i7-2720QM @ 2.20GHz	5444.2663574219	873	28.66	$189.95*
Intel Core i7-2760QM @ 2.40GHz	6553	725	31.21	$209.95
Intel Core i7-2820QM @ 2.30GHz	6640	714	38.83	$171.02
Intel Core i7-2840QM @ 2.40GHz	6766	699	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6934	679	12.82	$541.00*
Intel Core i7-2920XM @ 2.50GHz	6998	670	15.89	$440.44*
Intel Core i7-2960XM @ 2.70GHz	7224	653	17.62	$409.95*
Intel Core i7-3517U @ 1.90GHz	3539	1240	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3150	1353	NA	NA
Intel Core i7-3520M @ 2.90GHz	3511.7834472656	1250	26.60	$132.02*
Intel Core i7-3537U @ 2.00GHz	3290.1590576172	1308	NA	NA
Intel Core i7-3540M @ 3.00GHz	4665	1009	10.85	$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1149	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	727	NA	NA
Intel Core i7-3610QM @ 2.30GHz	5970.9841308594	795	14.93	$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	705	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6825	694	NA	NA
Intel Core i7-3615QE @ 2.30GHz	6390.9777832031	747	NA	NA

Intel Core i7-3615QM @ 2.30GHz	7396	638	NA	NA
Intel Core i7-3630QM @ 2.40GHz	6133.6751302083	776	25.66	$239.00*
Intel Core i7-3632QM @ 2.20GHz	5683.7978515625	835	25.84	$219.95
Intel Core i7-3635QM @ 2.40GHz	5600.7119140625	845	NA	NA
Intel Core i7-3667U @ 2.00GHz	3984	1146	NA	NA
Intel Core i7-3687U @ 2.10GHz	4134	1124	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1326	NA	NA
Intel Core i7-3720QM @ 2.60GHz	7059.3176269531	664	19.45	$363.00*
Intel Core i7-3740QM @ 2.70GHz	6441.3168945312	739	26.84	$239.95*
Intel Core i7-3770 @ 3.40GHz	6596.7769165039	720	54.98	$119.99
Intel Core i7-3770K @ 3.50GHz	7397.9626464844	637	36.99	$199.99
Intel Core i7-3770S @ 3.10GHz	6833.2942940848	693	54.61	$125.13
Intel Core i7-3770T @ 2.50GHz	8207	547	24.87	$329.99*
Intel Core i7-3820 @ 3.60GHz	7573.4438476562	612	20.69	$365.99*
Intel Core i7-3820QM @ 2.70GHz	6820.5200195312	695	23.93	$285.00*
Intel Core i7-3840QM @ 2.80GHz	8759	498	26.15	$335.00*
Intel Core i7-3920XM @ 2.90GHz	8983	482	8.20	$1,096.00*
Intel Core i7-3930K @ 3.20GHz	8608.8489815848	512	45.31	$189.99*
Intel Core i7-3940XM @ 3.00GHz	9133	465	14.97	$609.95*
Intel Core i7-3960X @ 3.30GHz	12559	266	15.51	$809.99*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i7-3970X @ 3.50GHz	12691	262	32.54	$389.99
Intel Core i7-4500U @ 1.80GHz	3786	1187	NA	NA
Intel Core i7-4510U @ 2.00GHz	3134.8570556641	1358	NA	NA
Intel Core i7-4550U @ 1.50GHz	3676	1211	NA	NA
Intel Core i7-4558U @ 2.80GHz	4403	1066	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	1082	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	987	NA	NA
Intel Core i7-4600M @ 2.90GHz	4096.9148763021	1131	NA	NA
Intel Core i7-4600U @ 2.10GHz	2923.2118530273	1436	NA	NA
Intel Core i7-4610M @ 3.00GHz	4931	959	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1198	NA	NA
Intel Core i7-4650U @ 1.70GHz	3948	1156	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7203	654	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7054.1896972656	665	18.42	$383.00*
Intel Core i7-4700MQ @ 2.40GHz	6021.1706542969	793	31.86	$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7423	631	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	6482.8342285156	734	29.68	$218.45*
Intel Core i7-4710HQ @ 2.50GHz	5613.5678710938	842	14.85	$378.00*
Intel Core i7-4710MQ @ 2.50GHz	7984	568	29.40	$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7530	616	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7192	655	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	6163.268737793	772	NA	NA

Intel Core i7-4722HQ @ 2.40GHz	8093	556	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8185	548	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8793	494	NA	NA
Intel Core i7-4765T @ 2.00GHz	6251.8955078125	759	15.63	$399.99*
Intel Core i7-4770 @ 3.40GHz	7387.3344726562	639	42.46	$173.97
Intel Core i7-4770HQ @ 2.20GHz	8950	485	NA	NA
Intel Core i7-4770K @ 3.50GHz	7130.4655219184	657	21.22	$335.98
Intel Core i7-4770R @ 3.20GHz	9830	404	NA	NA
Intel Core i7-4770S @ 3.10GHz	7463.5447591146	623	44.43	$167.99
Intel Core i7-4770T @ 2.50GHz	8580	513	21.45	$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	704	NA	NA
Intel Core i7-4771 @ 3.50GHz	9841	403	59.64	$165.00
Intel Core i7-4785T @ 2.20GHz	7648	605	NA	NA
Intel Core i7-4790 @ 3.60GHz	7290.7959493001	644	45.57	$160.00
Intel Core i7-4790K @ 4.00GHz	8283.730579723	540	29.58	$280.00
Intel Core i7-4790S @ 3.20GHz	8254.3525390625	543	14.98	$551.01
Intel Core i7-4790T @ 2.70GHz	9075	473	25.21	$359.99*
Intel Core i7-4800MQ @ 2.70GHz	6965.2093098958	675	34.14	$204.00*
Intel Core i7-4810MQ @ 2.80GHz	6618.6818847656	716	34.84	$189.95*
Intel Core i7-4820K @ 3.70GHz	8401.7426757812	528	38.19	$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9050	476	20.85	$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7900	576	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9275	454	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	7782.5869140625	589	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8058.7373046875	557	13.74	$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9339	448	20.30	$459.95*
Intel Core i7-4930K @ 3.40GHz	12024.625325521	283	15.03	$799.97*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i7-4930MX @ 3.00GHz	9444	437	8.62	$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9732	412	13.71	$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9856	399	15.82	$623.00*
Intel Core i7-4960X @ 3.60GHz	13801	234	17.92	$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10306	360	NA	NA
Intel Core i7-5500U @ 2.40GHz	3314.9476928711	1301	NA	NA
Intel Core i7-5550U @ 2.00GHz	3851	1173	NA	NA
Intel Core i7-5557U @ 3.10GHz	4957	954	6.98	$709.99
Intel Core i7-5600U @ 2.60GHz	3351.7374267578	1290	NA	NA
Intel Core i7-5650U @ 2.20GHz	4242	1102	NA	NA
Intel Core i7-5675C @ 3.10GHz	8330	538	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	544	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8349	535	NA	NA
Intel Core i7-5775C @ 3.30GHz	9438.0925292969	439	13.75	$686.32*
Intel Core i7-5775R @ 3.30GHz	10879	326	NA	NA

Intel Core i7-5820K @ 3.30GHz	9715.098449707	413	43.18	$225.00
Intel Core i7-5850EQ @ 2.70GHz	9817	405	22.57	$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	435	21.79	$434.00*
Intel Core i7-5930K @ 3.50GHz	11805.212890625	288	42.16	$279.99
Intel Core i7-5950HQ @ 2.90GHz	10850	327	NA	NA
Intel Core i7-5960X @ 3.00GHz	14339.381835938	216	15.07	$951.31
Intel Core i7-6498DU @ 2.50GHz	4471	1057	NA	NA
Intel Core i7-6500U @ 2.50GHz	3521.5669487847	1246	8.96	$393.00*
Intel Core i7-6560U @ 2.20GHz	4824	978	NA	NA
Intel Core i7-6567U @ 3.30GHz	5582	849	NA	NA
Intel Core i7-6600U @ 2.60GHz	4303.6967773438	1089	NA	NA
Intel Core i7-6650U @ 2.20GHz	4487.6400146484	1052	NA	NA
Intel Core i7-6700 @ 3.40GHz	8547.8410993304	516	31.66	$269.99
Intel Core i7-6700HQ @ 2.60GHz	6694.0730985754	707	17.71	$378.00*
Intel Core i7-6700K @ 4.00GHz	9199.8042724609	460	29.45	$312.39*
Intel Core i7-6700T @ 2.80GHz	9005	479	23.95	$375.99
Intel Core i7-6700TE @ 2.40GHz	8674	506	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	8778.3491210938	495	8.76	$1,001.88*
Intel Core i7-6800K @ 3.40GHz	12267.313964844	275	41.03	$299.00
Intel Core i7-6820EQ @ 2.80GHz	8683	504	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9105	470	24.09	$378.00*
Intel Core i7-6820HQ @ 2.70GHz	7290.0927734375	645	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6501	730	NA	NA
Intel Core i7-6850K @ 3.60GHz	12317.276367188	270	32.98	$373.50
Intel Core i7-6900K @ 3.20GHz	17580	135	25.04	$702.00
Intel Core i7-6920HQ @ 2.90GHz	8367.8440755208	529	14.73	$568.00*
Intel Core i7-6950X @ 3.00GHz	19913	96	12.19	$1,634.00
Intel Core i7-7500U @ 2.70GHz	3637.6939603365	1219	NA	NA
Intel Core i7-7560U @ 2.40GHz	5769	821	NA	NA
Intel Core i7-7567U @ 3.50GHz	6461	736	8.50	$759.99
Intel Core i7-7600U @ 2.80GHz	4108.2171630859	1129	NA	NA
Intel Core i7-7660U @ 2.50GHz	5105.0456542969	928	NA	NA
Intel Core i7-7700 @ 3.60GHz	9109.0201526989	469	25.01	$364.20
Intel Core i7-7700HQ @ 2.80GHz	7600.2109750601	609	20.11	$378.00*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i7-7700K @ 4.20GHz	10407.905598958	355	25.20	$412.99
Intel Core i7-7700T @ 2.90GHz	9336	449	24.25	$385.00*
Intel Core i7-7740X @ 4.30GHz	10062.817057292	379	22.87	$440.00
Intel Core i7-7800X @ 3.50GHz	14138.453613281	221	27.72	$509.99*
Intel Core i7-7820EQ @ 3.00GHz	9144	464	24.19	$378.00*
Intel Core i7-7820HK @ 2.90GHz	8645.75390625	509	22.87	$378.00*
Intel Core i7-7820HQ @ 2.90GHz	7735.7023111979	596	20.46	$378.00*
Intel Core i7-7820X @ 3.60GHz	18507	117	15.68	$1,179.95*

Intel Core i7-7900X @ 3.30GHz	20474	88	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	10005	387	17.61	$568.00*
Intel Core i7-8086K @ 4.00GHz	15601.00390625	179	28.21	$552.96*
Intel Core i7-8500Y @ 1.50GHz	3971	1148	10.10	$393.00*
Intel Core i7-8550U @ 1.80GHz	6090.2356689453	784	NA	NA
Intel Core i7-8557U @ 1.70GHz	10470	354	24.29	$431.00*
Intel Core i7-8559U @ 2.70GHz	12216	276	13.57	$899.99
Intel Core i7-8565U @ 1.80GHz	7337.9020330256	641	NA	NA
Intel Core i7-8650U @ 1.90GHz	6494.6657226563	732	15.84	$409.99*
Intel Core i7-8665U @ 1.90GHz	7880.4026227679	578	19.27	$409.00*
Intel Core i7-8665UE @ 1.70GHz	8731	500	21.35	$409.00*
Intel Core i7-8700 @ 3.20GHz	13534.479758523	243	34.88	$388.00
Intel Core i7-8700B @ 3.20GHz	14963	198	49.38	$303.00*
Intel Core i7-8700K @ 3.70GHz	13986.863525391	227	32.64	$428.52
Intel Core i7-8700T @ 2.40GHz	12329.295410156	269	33.59	$367.10
Intel Core i7-8705G @ 3.10GHz	9847	400	6.99	$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10539	344	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	409	NA	NA
Intel Core i7-8750H @ 2.20GHz	11037.194568452	317	27.94	$395.00*
Intel Core i7-8809G @ 3.10GHz	10142.518066406	372	NA	NA
Intel Core i7-8850H @ 2.60GHz	10524.101236979	345	26.64	$395.00*
Intel Core i7-9700 @ 3.00GHz	14570.465722656	209	34.70	$419.95
Intel Core i7-9700F @ 3.00GHz	15449.683268229	184	48.28	$319.99
Intel Core i7-9700K @ 3.60GHz	14894.219259511	201	37.61	$396.00
Intel Core i7-9700KF @ 3.60GHz	15871.637695312	171	44.09	$359.99*
Intel Core i7-9700T @ 2.00GHz	13434	247	41.59	$323.00*
Intel Core i7-9700TE @ 1.80GHz	12688	263	39.28	$323.00*
Intel Core i7-9750H @ 2.60GHz	11579.73562283	298	29.32	$395.00*
Intel Core i7-9750HF @ 2.60GHz	13738.514973958	235	34.78	$395.00*
Intel Core i7-9800X @ 3.80GHz	19100.299479167	113	23.58	$809.95*
Intel Core i7-9850H @ 2.60GHz	12143.528320312	281	30.74	$395.00*
Intel Core i7-9850HL @ 1.90GHz	11340	303	28.71	$395.00*
Intel Core i7-10510U @ 1.80GHz	8011.3047485352	562	19.59	$409.00*
Intel Core i7-10710U @ 1.10GHz	10371.042317708	358	15.96	$649.99
Intel Core i7-10750H @ 2.60GHz	16137	161	NA	NA
Intel Core i9-7900X @ 3.30GHz	21948.108398438	70	19.57	$1,121.25*
Intel Core i9-7920X @ 2.90GHz	23340	62	24.57	$949.75
Intel Core i9-7940X @ 3.10GHz	26830.901367188	33	26.62	$1,008.00
Intel Core i9-7960X @ 2.80GHz	26034	37	19.28	$1,349.99*
Intel Core i9-7980XE @ 2.60GHz	27669	30	17.63	$1,569.00
Intel Core i9-8950HK @ 2.90GHz	10816.172200521	329	18.55	$583.00*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i9-9820X @ 3.30GHz	21251.990885417	79	30.60	$694.43

Intel Core i9-9880H @ 2.30GHz	14209.568945312	219	25.56	$556.00*
Intel Core i9-9900 @ 3.10GHz	18209.071777344	123	31.70	$574.43
Intel Core i9-9900K @ 3.60GHz	19125.413646941	112	35.09	$544.99
Intel Core i9-9900KF @ 3.60GHz	20323.610491071	91	40.90	$496.88
Intel Core i9-9900KS @ 4.00GHz	20195.740722656	95	31.07	$649.99*
Intel Core i9-9900T @ 2.10GHz	14812.667480469	204	33.74	$439.00*
Intel Core i9-9900X @ 3.50GHz	22443.654296875	66	20.52	$1,093.72
Intel Core i9-9920X @ 3.50GHz	25231	44	19.65	$1,284.07
Intel Core i9-9940X @ 3.30GHz	26768	35	29.74	$899.99
Intel Core i9-9960X @ 3.10GHz	28336	25	23.61	$1,199.99
Intel Core i9-9980HK @ 2.40GHz	17444.114257812	137	29.92	$583.00*
Intel Core i9-9980XE @ 3.00GHz	29641	19	15.68	$1,889.99
Intel Core i9-10900X @ 3.70GHz	23678	57	32.89	$719.95
Intel Core i9-10920X @ 3.50GHz	26793	34	30.10	$890.00
Intel Core i9-10940X @ 3.30GHz	30073.20703125	17	14.96	$2,009.99
Intel Core i9-10980XE @ 3.00GHz	32964.75	10	33.67	$979.00*
Intel Core m3-6Y30 @ 0.90GHz	3025	1398	10.77	$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3512	1249	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3391	1277	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3267.218343099	1312	11.63	$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3343	1293	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	2878.7380371094	1457	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	2252.0189615885	1674	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2653	1526	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1623	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2825	1466	10.05	$281.00*
Intel Core M-5Y31 @ 0.90GHz	2782	1485	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2481	1591	NA	NA
Intel Core M-5Y70 @ 1.10GHz	2903	1446	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2989	1412	10.64	$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2626	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2621	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2560	NA	NA
Intel Core Solo U1300 @ 1.06GHz	270	2738	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2732	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2679	NA	NA
Intel Pentium 4 1.50GHz	131	2818	NA	NA
Intel Pentium 4 1.60GHz	129	2820	NA	NA
Intel Pentium 4 1.70GHz	132	2817	NA	NA
Intel Pentium 4 1.80GHz	161	2808	NA	NA
Intel Pentium 4 1.90GHz	159	2809	NA	NA
Intel Pentium 4 2.00GHz	189	2794	NA	NA
Intel Pentium 4 2.20GHz	209	2781	NA	NA

Intel Pentium 4 2.26GHz	221	2773	NA	NA
Intel Pentium 4 2.40GHz	227	2768	NA	NA
Intel Pentium 4 2.50GHz	245	2757	NA	NA
Intel Pentium 4 2.53GHz	248	2752	NA	NA
Intel Pentium 4 2.60GHz	288	2721	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Pentium 4 2.66GHz	254	2746	NA	NA
Intel Pentium 4 2.80GHz	322	2683	NA	NA
Intel Pentium 4 2.93GHz	293	2719	NA	NA
Intel Pentium 4 3.00GHz	353	2661	NA	NA
Intel Pentium 4 3.06GHz	346	2664	NA	NA
Intel Pentium 4 3.20GHz	373	2641	NA	NA
Intel Pentium 4 3.40GHz	395	2623	NA	NA
Intel Pentium 4 3.46GHz	454	2574	NA	NA
Intel Pentium 4 3.60GHz	485	2551	NA	NA
Intel Pentium 4 3.73GHz	486	2548	NA	NA
Intel Pentium 4 3.80GHz	485	2550	NA	NA
Intel Pentium 4 3.83GHz	195	2793	NA	NA
Intel Pentium 4 1300MHz	119	2824	NA	NA
Intel Pentium 4 1400MHz	127	2821	NA	NA
Intel Pentium 4 1500MHz	125	2822	NA	NA
Intel Pentium 4 1700MHz	154	2811	NA	NA
Intel Pentium 4 1800MHz	162	2807	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2800	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2804	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2782	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2788	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2250	8.17	$134.00*
Intel Pentium 967 @ 1.30GHz	828.3727722168	2399	NA	NA
Intel Pentium 987 @ 1.50GHz	1223	2186	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	2084	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1501	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1399	NA	NA
Intel Pentium 2020M @ 2.40GHz	2272	1665	16.96	$134.00*
Intel Pentium 2030M @ 2.50GHz	2399	1618	17.90	$134.00*
Intel Pentium 2117U @ 1.80GHz	1656	1964	12.36	$134.00*
Intel Pentium 2127U @ 1.90GHz	1814	1876	13.54	$134.00*
Intel Pentium 2129Y @ 1.10GHz	1062	2270	7.93	$134.00*
Intel Pentium 3550M @ 2.30GHz	2266	1668	NA	NA
Intel Pentium 3556U @ 1.70GHz	1663	1959	NA	NA
Intel Pentium 3558U @ 1.70GHz	1667	1953	NA	NA
Intel Pentium 3560M @ 2.40GHz	2269	1667	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2163	NA	NA

Intel Pentium 3805U @ 1.90GHz	1534.3308105469	2021	NA	NA
Intel Pentium 3825U @ 1.90GHz	2508	1578	NA	NA
Intel Pentium 4405U @ 2.10GHz	2930	1431	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1760	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2050	1761	12.73	$161.00*
Intel Pentium 4415U @ 2.30GHz	2806.3892822266	1475	NA	NA
Intel Pentium 4415Y @ 1.60GHz	1984.3272094727	1789	12.33	$161.00*
Intel Pentium 4417U @ 2.30GHz	3201	1332	19.88	$161.00*
Intel Pentium 5405U @ 2.30GHz	2712.4128417969	1512	16.85	$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1986	NA	NA
Intel Pentium A1020 @ 2.41GHz	2096	1736	NA	NA
Intel Pentium B940 @ 2.00GHz	1227.6385803223	2183	41.00	$29.94*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium B950 @ 2.10GHz	1710	1926	NA	NA
Intel Pentium B960 @ 2.20GHz	1321.6786295573	2124	26.98	$48.99*
Intel Pentium B970 @ 2.30GHz	1950	1811	38.24	$50.99*
Intel Pentium B980 @ 2.40GHz	2019	1779	28.86	$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1184	29.56	$129.00*
Intel Pentium D 805 @ 2.66GHz	530	2523	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2477	NA	NA
Intel Pentium D 915 @ 2.80GHz	584	2500	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2451	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2438	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2409	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2377	9.66	$89.95*
Intel Pentium E2160 @ 1.80GHz	994	2311	64.09	$15.51*
Intel Pentium E2180 @ 2.00GHz	1088	2254	36.88	$29.50
Intel Pentium E2200 @ 2.20GHz	1200	2200	16.00	$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2212	NA	NA
Intel Pentium E2220 @ 2.40GHz	1329	2122	15.46	$85.99*
Intel Pentium E5200 @ 2.50GHz	1486	2047	24.79	$59.95*
Intel Pentium E5300 @ 2.60GHz	1331.7921142578	2121	30.75	$43.31*
Intel Pentium E5400 @ 2.70GHz	1596	1992	89.86	$17.76*
Intel Pentium E5500 @ 2.80GHz	1637	1970	126.41	$12.95
Intel Pentium E5700 @ 3.00GHz	1736	1913	86.84	$19.99
Intel Pentium E5800 @ 3.20GHz	1888	1844	129.49	$14.58
Intel Pentium E6300 @ 2.80GHz	1164.2429199219	2220	11.64	$99.99
Intel Pentium E6500 @ 2.93GHz	1766	1895	11.18	$157.95*
Intel Pentium E6600 @ 3.06GHz	1859	1858	18.59	$100.00*
Intel Pentium E6700 @ 3.20GHz	1929	1821	150.12	$12.85
Intel Pentium E6800 @ 3.33GHz	1974	1795	131.69	$14.99
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2362	29.20	$31.23*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2328	NA	NA

Intel Pentium G620 @ 2.60GHz	2286	1656	91.48	$24.99*
Intel Pentium G620T @ 2.20GHz	2033	1768	25.42	$79.99*
Intel Pentium G630 @ 2.70GHz	1905.4859008789	1832	21.17	$90.00
Intel Pentium G630T @ 2.30GHz	2086	1740	26.08	$79.99*
Intel Pentium G640 @ 2.80GHz	2520	1572	63.00	$40.00*
Intel Pentium G640T @ 2.40GHz	1979	1792	NA	NA
Intel Pentium G645 @ 2.90GHz	2587	1546	86.23	$30.00
Intel Pentium G645T @ 2.50GHz	2230	1684	NA	NA
Intel Pentium G840 @ 2.80GHz	2560	1560	73.16	$34.99*
Intel Pentium G850 @ 2.90GHz	2654	1524	14.12	$187.99
Intel Pentium G860 @ 3.00GHz	2117.2930908203	1728	70.60	$29.99*
Intel Pentium G870 @ 3.10GHz	2787	1483	28.73	$97.00*
Intel Pentium G2010 @ 2.80GHz	1870.1356201172	1852	37.40	$50.00*
Intel Pentium G2020 @ 2.90GHz	2322.6212768555	1641	38.74	$59.95*
Intel Pentium G2020T @ 2.50GHz	2418	1609	50.80	$47.60*
Intel Pentium G2030 @ 3.00GHz	2046.3275146484	1763	53.85	$38.00
Intel Pentium G2030T @ 2.60GHz	2496	1585	39.00	$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1492	NA	NA
Intel Pentium G2120 @ 3.10GHz	3080	1381	19.30	$159.55*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Pentium G2130 @ 3.20GHz	3189	1337	63.79	$49.99*
Intel Pentium G2140 @ 3.30GHz	3377	1283	41.41	$81.56*
Intel Pentium G3220 @ 3.00GHz	3123	1363	36.34	$85.93
Intel Pentium G3220T @ 2.60GHz	2562	1559	40.68	$62.98*
Intel Pentium G3240 @ 3.10GHz	2133.5926208496	1720	30.48	$69.99
Intel Pentium G3240T @ 2.70GHz	2822	1469	NA	NA
Intel Pentium G3250 @ 3.20GHz	3240	1322	108.00	$30.00
Intel Pentium G3250T @ 2.80GHz	2968	1421	32.98	$89.99*
Intel Pentium G3258 @ 3.20GHz	2920.1251627604	1437	97.50	$29.95
Intel Pentium G3260 @ 3.30GHz	3356	1287	25.82	$129.99
Intel Pentium G3260T @ 2.90GHz	2930	1430	32.56	$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1621	NA	NA
Intel Pentium G3420 @ 3.20GHz	2776.9792480469	1486	36.83	$75.41
Intel Pentium G3420T @ 2.70GHz	3008	1406	18.80	$159.99*
Intel Pentium G3430 @ 3.30GHz	3396	1275	37.74	$89.99*
Intel Pentium G3440 @ 3.30GHz	3324	1299	20.78	$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1371	NA	NA
Intel Pentium G3450 @ 3.40GHz	3696	1207	36.96	$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1422	NA	NA
Intel Pentium G3460 @ 3.50GHz	3587	1232	12.45	$288.20*
Intel Pentium G3470 @ 3.60GHz	3714	1204	35.61	$104.29*
Intel Pentium G4400 @ 3.30GHz	3138.5815429688	1356	33.57	$93.50
Intel Pentium G4400T @ 2.90GHz	3171	1343	NA	NA

Intel Pentium G4400TE @ 2.40GHz	2885	1454	45.08	$64.00*
Intel Pentium G4500 @ 3.50GHz	3792	1186	47.40	$80.00
Intel Pentium G4500T @ 3.00GHz	3471	1260	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1117	38.04	$109.99*
Intel Pentium G4560 @ 3.50GHz	4246.0419921875	1101	53.08	$79.99
Intel Pentium G4560T @ 2.90GHz	3883	1165	35.30	$109.99*
Intel Pentium G4600 @ 3.60GHz	5066	934	50.66	$100.00
Intel Pentium G4600T @ 3.00GHz	4266	1097	24.06	$177.28*
Intel Pentium G4620 @ 3.70GHz	5216	912	45.89	$113.66*
Intel Pentium G6950 @ 2.80GHz	1852	1861	63.86	$29.00
Intel Pentium G6951 @ 2.80GHz	2135	1718	22.71	$94.00*
Intel Pentium G6960 @ 2.93GHz	2043	1764	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	4240.6473999023	1103	68.16	$62.22
Intel Pentium Gold G5400T @ 3.10GHz	4755	993	74.30	$64.00*
Intel Pentium Gold G5420 @ 3.80GHz	5267	905	90.81	$58.00
Intel Pentium Gold G5420T @ 3.20GHz	5156	923	80.56	$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5195	916	67.02	$77.51
Intel Pentium Gold G5500T @ 3.20GHz	4346	1079	57.95	$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5571	851	51.61	$107.95*
Intel Pentium Gold G5600F @ 3.90GHz	5736	829	NA	NA
Intel Pentium Gold G5620 @ 4.00GHz	5655	837	36.06	$156.82
Intel Pentium III 1400 @ 1400MHz	297	2715	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2710	NA	NA
Intel Pentium III Mobile 800MHz	182	2798	NA	NA
Intel Pentium III Mobile 866MHz	152	2812	NA	NA
Intel Pentium III Mobile 1066MHz	246	2754	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	2750	NA	NA
Intel Pentium III Mobile 1200MHz	240	2760	NA	NA
Intel Pentium J2850 @ 2.41GHz	1775	1890	NA	NA
Intel Pentium J2900 @ 2.41GHz	1973	1796	NA	NA
Intel Pentium J3710 @ 1.60GHz	1919	1828	NA	NA
Intel Pentium J4205 @ 1.50GHz	2264	1670	NA	NA
Intel Pentium M 1.10GHz	282	2727	NA	NA
Intel Pentium M 1.20GHz	298	2712	NA	NA
Intel Pentium M 1.30GHz	301	2705	NA	NA
Intel Pentium M 1.40GHz	345	2667	NA	NA
Intel Pentium M 1.50GHz	366	2648	NA	NA
Intel Pentium M 1.60GHz	364	2653	NA	NA
Intel Pentium M 1.70GHz	406	2613	NA	NA
Intel Pentium M 1.73GHz	412	2604	NA	NA
Intel Pentium M 1.80GHz	411	2605	NA	NA
Intel Pentium M 1.86GHz	438	2587	NA	NA

Intel Pentium M 2.00GHz	461	2568	NA	NA
Intel Pentium M 2.10GHz	448	2579	NA	NA
Intel Pentium M 2.13GHz	499	2542	NA	NA
Intel Pentium M 2.26GHz	509	2537	NA	NA
Intel Pentium M 900MHz	217	2775	NA	NA
Intel Pentium M 1000MHz	233	2765	NA	NA
Intel Pentium M 1200MHz	237	2762	NA	NA
Intel Pentium M 1300MHz	303	2701	NA	NA
Intel Pentium M 1400MHz	320	2686	NA	NA
Intel Pentium M 1500MHz	346	2663	NA	NA
Intel Pentium M 1600MHz	335	2672	NA	NA
Intel Pentium M 1700MHz	376	2637	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	2027	NA	NA
Intel Pentium N3520 @ 2.16GHz	1802	1877	NA	NA
Intel Pentium N3530 @ 2.16GHz	1905	1833	NA	NA
Intel Pentium N3540 @ 2.16GHz	1583.516784668	1999	6.31	$250.87*
Intel Pentium N3700 @ 1.60GHz	1831	1870	4.12	$444.78*
Intel Pentium N3710 @ 1.60GHz	1865	1855	NA	NA
Intel Pentium N4200 @ 1.10GHz	2028	1772	8.87	$228.71*
Intel Pentium P6000 @ 1.87GHz	1244	2177	NA	NA
Intel Pentium P6100 @ 2.00GHz	1155.7867431641	2224	40.64	$28.44*
Intel Pentium P6200 @ 2.13GHz	1350	2110	30.03	$44.95*
Intel Pentium P6300 @ 2.27GHz	1372	2099	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2906	1443	14.15	$205.41
Intel Pentium Silver J5040 @ 2.00GHz	3319	1300	NA	NA
Intel Pentium Silver N5000 @ 1.10GHz	2739.2507324219	1502	17.01	$161.00*
Intel Pentium Silver N5030 @ 1.10GHz	2276	1660	NA	NA
Intel Pentium SU2700 @ 1.30GHz	408	2607	NA	NA
Intel Pentium SU4100 @ 1.30GHz	854	2386	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2472	NA	NA
Intel Pentium T2080 @ 1.73GHz	706	2452	4.41	$159.95*
Intel Pentium T2130 @ 1.86GHz	706	2454	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2442	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Pentium T2330 @ 1.60GHz	830	2398	NA	NA
Intel Pentium T2370 @ 1.73GHz	849	2389	24.26	$35.00*
Intel Pentium T2390 @ 1.86GHz	950	2337	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2318	NA	NA
Intel Pentium T3200 @ 2.00GHz	1034	2283	86.17	$12.00*
Intel Pentium T3400 @ 2.16GHz	1116	2239	12.41	$89.95*
Intel Pentium T4200 @ 2.00GHz	1153	2226	96.08	$12.00*
Intel Pentium T4300 @ 2.10GHz	1232	2181	NA	NA
Intel Pentium T4400 @ 2.20GHz	1282	2149	NA	NA

Intel Pentium T4500 @ 2.30GHz	1332	2120	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2405	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2335	NA	NA
Intel T1400 @ 1.73GHz	929	2351	NA	NA
Intel T1500 @ 1.86GHz	976	2320	NA	NA
Intel T2050 @ 2.00GHz	959	2332	NA	NA
Intel Xeon 2.00GHz	233	2764	NA	NA
Intel XEON 2.20GHz	252	2749	NA	NA
Intel Xeon 2.40GHz	276	2733	30.33	$9.10*
Intel Xeon 2.80GHz	400	2619	NA	NA
Intel Xeon 3.00GHz	391	2629	NA	NA
Intel Xeon 3.20GHz	461	2569	NA	NA
Intel Xeon 3.40GHz	478	2557	NA	NA
Intel Xeon 3.60GHz	509	2536	0.60	$851.00*
Intel Xeon 3.73GHz	1041	2279	NA	NA
Intel Xeon 3.80GHz	604	2491	0.71	$851.00*
Intel Xeon 3040 @ 1.86GHz	1278	2151	51.04	$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2135	8.23	$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	2028	66.03	$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	2026	72.73	$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1888	10.08	$176.96
Intel Xeon 3075 @ 2.66GHz	1840	1866	5.26	$349.95*
Intel Xeon 3085 @ 3.00GHz	1772	1893	NA	NA
Intel Xeon 5110 @ 1.60GHz	1084	2259	30.97	$35.00*
Intel Xeon 5120 @ 1.86GHz	1248	2176	0.77	$1,619.99
Intel Xeon 5130 @ 2.00GHz	1366	2101	27.88	$48.99*
Intel Xeon 5133 @ 2.20GHz	1598	1991	NA	NA
Intel Xeon 5140 @ 2.33GHz	1636	1971	65.47	$24.99*
Intel Xeon 5148 @ 2.33GHz	1590	1997	121.10	$13.13*
Intel Xeon 5150 @ 2.66GHz	1740	1909	12.43	$139.95*
Intel Xeon 5160 @ 3.00GHz	1958	1804	39.17	$49.99*
Intel Xeon @ 2.00GHz	11327	304	NA	NA
Intel Xeon @ 2.20GHz	1902	1836	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5701	832	24.79	$229.99
Intel Xeon Bronze 3106 @ 1.70GHz	6885	686	20.86	$329.99
Intel Xeon Bronze 3204 @ 1.90GHz	6248	760	22.97	$272.02*
Intel Xeon D-1518 @ 2.20GHz	5322	898	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	825	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	672	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	546	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Xeon D-1531 @ 2.20GHz	9643	420	27.71	$348.00*
Intel Xeon D-1537 @ 1.70GHz	8445	524	14.79	$571.00*

Intel Xeon D-1539 @ 1.60GHz	8443	525	17.37	$486.00*
Intel Xeon D-1540 @ 2.00GHz	10740	334	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11016	319	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	336	19.24	$555.00*
Intel Xeon D-1557 @ 1.50GHz	10950	322	15.78	$694.00*
Intel Xeon D-1559 @ 1.50GHz	8687	503	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	211	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	225	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8150	550	38.26	$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	258	23.13	$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	233	24.41	$566.00*
Intel Xeon D-2146NT @ 2.30GHz	12057	282	18.81	$641.00*
Intel Xeon D-2166NT @ 2.00GHz	15922	167	15.84	$1,005.00*
Intel Xeon D-2183IT @ 2.20GHz	19381	108	10.99	$1,764.00*
Intel Xeon D-2187NT @ 2.00GHz	19741	100	9.93	$1,989.00*
Intel Xeon E3-1205 v6 @ 3.00GHz	7360	640	38.13	$193.00*
Intel Xeon E3-1220 @ 3.10GHz	6269	758	184.38	$34.00
Intel Xeon E3-1220 V2 @ 3.10GHz	5455.8146158854	870	126.94	$42.98
Intel Xeon E3-1220 v3 @ 3.10GHz	6182.0693359375	767	33.81	$182.85
Intel Xeon E3-1220 v5 @ 3.00GHz	7768	591	51.79	$150.00
Intel Xeon E3-1220 v6 @ 3.00GHz	7750	593	36.63	$211.59
Intel Xeon E3-1220L @ 2.20GHz	3606	1226	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	1063	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2070	1750	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	6108	780	127.28	$47.99
Intel Xeon E3-1225 V2 @ 3.20GHz	6992	671	129.51	$53.99
Intel Xeon E3-1225 v3 @ 3.20GHz	6345.1525878906	754	97.63	$64.99
Intel Xeon E3-1225 v5 @ 3.30GHz	7842	584	39.41	$199.00
Intel Xeon E3-1225 v6 @ 3.30GHz	7958	570	27.85	$285.79
Intel Xeon E3-1226 v3 @ 3.30GHz	7603	608	12.78	$595.00*
Intel Xeon E3-1230 @ 3.20GHz	7852	582	95.77	$81.99
Intel Xeon E3-1230 V2 @ 3.30GHz	7061.904296875	663	79.35	$89.00
Intel Xeon E3-1230 v3 @ 3.30GHz	7645.5818684896	606	76.46	$99.99
Intel Xeon E3-1230 v5 @ 3.40GHz	8490.19140625	520	24.86	$341.53*
Intel Xeon E3-1230 v6 @ 3.50GHz	9843	402	36.87	$266.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	652	25.12	$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	7749.3818359375	594	15.50	$499.95
Intel Xeon E3-1235 @ 3.20GHz	7759	592	33.16	$234.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	735	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7982	569	107.89	$73.98
Intel Xeon E3-1240 V2 @ 3.40GHz	7076.8530273438	662	73.73	$95.98
Intel Xeon E3-1240 v3 @ 3.40GHz	9685	415	9.69	$999.00
Intel Xeon E3-1240 v5 @ 3.50GHz	10323	359	30.21	$341.67*

Intel Xeon E3-1240 v6 @ 3.70GHz	10487	352	45.79	$229.00
Intel Xeon E3-1240L v3 @ 2.00GHz	7486	619	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7746	595	27.86	$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10030	382	52.79	$189.99
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Xeon E3-1245 @ 3.30GHz	8030	559	32.78	$245.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9126	466	80.77	$112.99
Intel Xeon E3-1245 v3 @ 3.40GHz	9593	426	39.16	$245.00
Intel Xeon E3-1245 v5 @ 3.50GHz	9372.9990234375	444	27.14	$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10567	341	34.89	$302.90
Intel Xeon E3-1246 v3 @ 3.50GHz	9873	398	33.47	$295.00
Intel Xeon E3-1260L @ 2.40GHz	6180	768	130.63	$47.31
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	369	13.88	$736.16*
Intel Xeon E3-1265L @ 2.40GHz	5961	797	6.49	$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7434	629	50.23	$148.00*
Intel Xeon E3-1265L v3 @ 2.50GHz	9185	461	13.12	$699.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	475	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	583	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	502	19.05	$456.54*
Intel Xeon E3-1270 @ 3.40GHz	6849.5258789062	690	21.74	$315.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	7684.7975260417	602	42.70	$179.99
Intel Xeon E3-1270 v3 @ 3.50GHz	9922	390	25.44	$390.00
Intel Xeon E3-1270 v5 @ 3.60GHz	10305	361	23.64	$435.90*
Intel Xeon E3-1270 v6 @ 3.80GHz	11184	310	31.65	$353.34
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	335	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10122	376	11.40	$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8111	554	27.59	$294.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9424	440	107.09	$88.00
Intel Xeon E3-1275 v3 @ 3.50GHz	10054	380	25.07	$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	9363.9096679688	446	24.67	$379.52*
Intel Xeon E3-1275 v6 @ 3.80GHz	11057	315	17.01	$649.95
Intel Xeon E3-1275L v3 @ 2.70GHz	8896	487	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10247	367	9.55	$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8420	526	35.08	$240.00
Intel Xeon E3-1280 V2 @ 3.60GHz	9465	433	27.04	$350.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9794	406	21.81	$449.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	10620	339	24.99	$425.00
Intel Xeon E3-1280 v6 @ 3.90GHz	11041	316	25.54	$432.34
Intel Xeon E3-1281 v3 @ 3.70GHz	10031	381	55.73	$179.99
Intel Xeon E3-1285 v3 @ 3.60GHz	10503	349	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	347	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	12016	284	12.03	$998.95
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	388	12.35	$808.02*

Intel Xeon E3-1285L v4 @ 3.40GHz	10970	321	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	395	11.80	$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	431	12.27	$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8768	497	9.91	$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9654	418	10.91	$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	751	NA	NA
Intel Xeon E3-1505L v6 @ 2.20GHz	7887	577	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	7704.9130859375	600	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9656	417	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10016	386	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9323	450	14.96	$623.00*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Xeon E3-1535M v6 @ 3.10GHz	10547	343	16.93	$623.00*
Intel Xeon E3-1545M v5 @ 2.90GHz	10283	363	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10628	338	8.81	$1,207.00*
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	331	19.42	$556.00*
Intel Xeon E3-1585L v5 @ 3.00GHz	10248	366	23.03	$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7265	649	161.48	$44.99*
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	630	NA	NA
Intel Xeon E5-1428L v2 @ 2.20GHz	8679	505	17.57	$494.00*
Intel Xeon E5-1603 @ 2.80GHz	4541.9604492188	1037	151.40	$30.00*
Intel Xeon E5-1603 v3 @ 2.80GHz	6238	764	173.33	$35.99
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	738	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	4884.5385742188	967	168.43	$29.00*
Intel Xeon E5-1607 v2 @ 3.00GHz	6238	763	178.48	$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	7039	666	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7270	647	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	6590.3515625	722	124.35	$53.00
Intel Xeon E5-1620 v2 @ 3.70GHz	9506	429	202.26	$47.00
Intel Xeon E5-1620 v3 @ 3.50GHz	9757	410	76.30	$127.88*
Intel Xeon E5-1620 v4 @ 3.50GHz	8650.3510742188	508	18.41	$469.95
Intel Xeon E5-1630 v3 @ 3.70GHz	10229	368	52.73	$193.99
Intel Xeon E5-1630 v4 @ 3.70GHz	10302	362	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	9917.021484375	392	20.03	$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	10489.162109375	351	86.69	$121.00
Intel Xeon E5-1650 v3 @ 3.50GHz	13629	241	113.58	$119.99
Intel Xeon E5-1650 v4 @ 3.60GHz	14198	220	27.95	$508.00*
Intel Xeon E5-1660 @ 3.30GHz	12202	278	9.95	$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13919	230	49.54	$280.99
Intel Xeon E5-1660 v3 @ 3.00GHz	14757	205	36.09	$408.95*
Intel Xeon E5-1660 v4 @ 3.20GHz	16208	159	13.18	$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16206	160	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16384	154	27.31	$599.99*

Intel Xeon E5-1680 v4 @ 3.40GHz	17063	142	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	122	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1245	73.78	$47.75*
Intel Xeon E5-2403 v2 @ 1.80GHz	3590	1231	161.71	$22.20*
Intel Xeon E5-2407 @ 2.20GHz	4188	1115	209.40	$20.00
Intel Xeon E5-2407 v2 @ 2.40GHz	4810	983	13.36	$359.95*
Intel Xeon E5-2418L @ 2.00GHz	5202	915	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7092	660	310.10	$22.87
Intel Xeon E5-2420 v2 @ 2.20GHz	7472.3703613281	621	257.67	$29.00
Intel Xeon E5-2430 @ 2.20GHz	7669	604	219.18	$34.99
Intel Xeon E5-2430 v2 @ 2.50GHz	9061	474	110.51	$81.99*
Intel Xeon E5-2430L @ 2.00GHz	7834	585	242.69	$32.28*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	715	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9221	458	307.47	$29.99
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	452	265.43	$35.00
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	484	6.29	$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10478	353	174.66	$59.99
Intel Xeon E5-2450L @ 1.80GHz	8261	542	206.58	$39.99
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Xeon E5-2470 @ 2.30GHz	10982	320	134.77	$81.49
Intel Xeon E5-2470 v2 @ 2.40GHz	11983	285	39.94	$299.99
Intel Xeon E5-2603 @ 1.80GHz	3597	1229	75.17	$47.85*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1191	62.78	$59.99*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	920	105.69	$49.00
Intel Xeon E5-2603 v4 @ 1.70GHz	5524	859	24.64	$224.20
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	581	17.82	$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4624	1019	243.88	$18.96
Intel Xeon E5-2609 v2 @ 2.50GHz	5179	919	35.71	$145.02
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	801	55.65	$106.03*
Intel Xeon E5-2609 v4 @ 1.70GHz	6925	680	19.25	$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	279	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14238	218	18.28	$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7904	575	479.03	$16.50
Intel Xeon E5-2620 v2 @ 2.10GHz	8623	511	297.34	$29.00
Intel Xeon E5-2620 v3 @ 2.40GHz	10019	384	334.08	$29.99
Intel Xeon E5-2620 v4 @ 2.10GHz	11316	305	37.41	$302.49
Intel Xeon E5-2623 v3 @ 3.00GHz	9000	481	74.38	$121.00*
Intel Xeon E5-2623 v4 @ 2.60GHz	8643	510	15.74	$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	442	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	273	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	255	9.60	$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	318	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8909	486	223.06	$39.94*

Intel Xeon E5-2630 v2 @ 2.60GHz	10389	356	296.83	$35.00
Intel Xeon E5-2630 v3 @ 2.40GHz	11453.263183594	299	127.26	$90.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13877	232	24.82	$559.00
Intel Xeon E5-2630L @ 2.00GHz	8004	564	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9098	471	335.35	$27.13
Intel Xeon E5-2630L v3 @ 1.80GHz	9666	416	20.57	$469.90
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	257	NA	NA
Intel Xeon E5-2637 @ 3.00GHz	4508	1043	5.09	$885.00*
Intel Xeon E5-2637 v2 @ 3.50GHz	9270	455	109.07	$84.99
Intel Xeon E5-2637 v3 @ 3.50GHz	10135	373	69.65	$145.51
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	346	10.52	$999.00
Intel Xeon E5-2640 @ 2.50GHz	9412	441	324.78	$28.98
Intel Xeon E5-2640 v2 @ 2.00GHz	10213	370	256.80	$39.77*
Intel Xeon E5-2640 v3 @ 2.60GHz	11927.108886719	286	170.44	$69.98
Intel Xeon E5-2640 v4 @ 2.40GHz	15420	185	15.53	$992.99
Intel Xeon E5-2643 @ 3.30GHz	6612.3444010417	717	161.32	$40.99
Intel Xeon E5-2643 v2 @ 3.50GHz	13217	251	120.17	$109.99
Intel Xeon E5-2643 v3 @ 3.40GHz	13945	228	55.78	$249.99
Intel Xeon E5-2643 v4 @ 3.40GHz	13475	244	6.67	$2,019.95
Intel Xeon E5-2648L @ 1.80GHz	6698	706	NA	NA
Intel Xeon E5-2648L v2 @ 1.90GHz	11381	302	7.70	$1,479.00*
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	301	7.30	$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	238	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	206	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10257	365	227.98	$44.99
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Xeon E5-2650 v2 @ 2.60GHz	11770.409179688	291	101.58	$115.87
Intel Xeon E5-2650 v3 @ 2.30GHz	14880	203	165.35	$89.99
Intel Xeon E5-2650 v4 @ 2.20GHz	15587	180	15.45	$1,009.00*
Intel Xeon E5-2650L @ 1.80GHz	8483	521	113.11	$75.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	397	135.25	$73.05*
Intel Xeon E5-2650L v3 @ 1.80GHz	13341	249	57.45	$232.22*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	224	26.10	$539.99
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	307	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9632	423	6.59	$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13667	237	75.93	$179.99*
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	156	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	17275	139	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11265	308	98.82	$114.00*
Intel Xeon E5-2660 v2 @ 2.20GHz	13171	252	102.10	$129.00
Intel Xeon E5-2660 v3 @ 2.60GHz	16815	145	44.85	$374.93
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	144	11.82	$1,428.29
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	226	NA	NA

Intel Xeon E5-2665 @ 2.40GHz	11757	292	143.40	$81.99
Intel Xeon E5-2667 @ 2.90GHz	10677	337	266.93	$40.00
Intel Xeon E5-2667 v2 @ 3.30GHz	13441.075195312	246	74.68	$179.99
Intel Xeon E5-2667 v3 @ 3.20GHz	16001	165	50.00	$319.99
Intel Xeon E5-2667 v4 @ 3.20GHz	16631	149	6.76	$2,459.95*
Intel Xeon E5-2669 v3 @ 2.30GHz	16107	163	NA	NA
Intel Xeon E5-2670 @ 2.60GHz	10506.59765625	348	85.90	$122.31
Intel Xeon E5-2670 v2 @ 2.50GHz	15026	194	82.25	$182.68
Intel Xeon E5-2670 v3 @ 2.30GHz	16808	146	115.93	$144.99
Intel Xeon E5-2673 v2 @ 3.30GHz	15642	176	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16412	151	23.45	$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21300	78	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15137	190	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17687	132	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17040	143	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	43	9.35	$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	11311.431640625	306	163.93	$69.00
Intel Xeon E5-2680 v2 @ 2.80GHz	15894	169	96.33	$165.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18471	119	102.62	$179.99
Intel Xeon E5-2680 v4 @ 2.40GHz	19709	102	13.06	$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	89	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17346	138	43.58	$398.00
Intel Xeon E5-2683 v4 @ 2.10GHz	18863	115	41.92	$450.00
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	195	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	110	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	98	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14323	217	25.47	$562.26
Intel Xeon E5-2687W v2 @ 3.40GHz	16255	157	48.52	$335.00*
Intel Xeon E5-2687W v3 @ 3.10GHz	17781	131	29.20	$608.99*
Intel Xeon E5-2687W v4 @ 3.00GHz	19899	97	9.15	$2,174.99*
Intel Xeon E5-2689 @ 2.60GHz	11797.938476562	290	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	99	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	236	184.35	$74.51
Intel Xeon E5-2690 v2 @ 3.00GHz	15075.78125	191	69.82	$215.93*
Intel Xeon E5-2690 v3 @ 2.60GHz	18065.916992188	128	84.03	$215.00
Intel Xeon E5-2690 v4 @ 2.60GHz	21167	82	9.75	$2,169.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	164	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	14968.083007812	197	60.12	$248.99
Intel Xeon E5-2695 v3 @ 2.30GHz	19710	101	40.31	$489.00
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	93	3.49	$5,808.00*
Intel Xeon E5-2696 v2 @ 2.50GHz	16245	158	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22096	68	8.85	$2,498.00*

Intel Xeon E5-2696 v4 @ 2.20GHz	21226	81	7.05	$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17189	140	64.38	$266.99
Intel Xeon E5-2697 v3 @ 2.60GHz	21386	77	35.70	$599.00
Intel Xeon E5-2697 v4 @ 2.30GHz	21435	75	7.66	$2,798.95
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	65	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	83	28.47	$739.00
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	71	6.02	$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22340	67	31.96	$699.00
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	61	6.34	$3,699.00
Intel Xeon E5-2699A v4 @ 2.40GHz	22948	63	4.65	$4,938.00*
Intel Xeon E5-4603 @ 2.00GHz	5014	947	52.21	$96.04*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	457	NA	NA
Intel Xeon E5-4610 @ 2.40GHz	9552	428	7.81	$1,223.00*
Intel Xeon E5-4610 v3 @ 1.70GHz	8853	493	7.26	$1,219.00*
Intel Xeon E5-4617 @ 2.90GHz	9313	451	103.59	$89.90*
Intel Xeon E5-4620 @ 2.20GHz	9248	456	68.91	$134.21*
Intel Xeon E5-4627 v2 @ 3.30GHz	12638	264	24.83	$508.95*
Intel Xeon E5-4627 v3 @ 2.60GHz	14615	208	6.09	$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15536	181	6.98	$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10807	330	3.96	$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	261	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	313	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11685	296	166.95	$69.99*
Intel Xeon E5-4650L @ 2.60GHz	12145	280	164.17	$73.98*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	274	2.66	$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15531	182	11.10	$1,399.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	172	3.30	$4,800.00*
Intel Xeon E5-4667 v3 @ 2.00GHz	16388	153	2.86	$5,729.00*
Intel Xeon E5-4669 v3 @ 2.10GHz	19615	106	3.63	$5,400.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	242	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1365	1.75	$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2154	1713	93.69	$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1603	247.91	$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1680	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	2080	98.18	$14.27*
Intel Xeon E5240 @ 3.00GHz	2424	1606	27.30	$88.78*
Intel Xeon E5310 @ 1.60GHz	2214	1690	45.18	$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1655	59.05	$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1576	141.42	$17.77*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Xeon E5345 @ 2.33GHz	2886	1453	72.17	$39.99*
Intel Xeon E5405 @ 2.00GHz	2835	1465	70.96	$39.95*
Intel Xeon E5410 @ 2.33GHz	3261	1314	15.61	$208.95*

Intel Xeon E5420 @ 2.50GHz	3475	1258	55.20	$62.95*
Intel Xeon E5430 @ 2.66GHz	3009.0765380859	1402	19.42	$154.95*
Intel Xeon E5440 @ 2.83GHz	3953	1155	39.93	$99.00*
Intel Xeon E5450 @ 3.00GHz	2809.1307617187	1473	9.40	$298.94*
Intel Xeon E5462 @ 2.80GHz	3872	1167	141.83	$27.30*
Intel Xeon E5472 @ 3.00GHz	4083	1133	135.92	$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	2097	14.51	$95.00*
Intel Xeon E5503 @ 2.00GHz	1381	2093	4.81	$287.01*
Intel Xeon E5504 @ 2.00GHz	2668	1520	38.14	$69.95*
Intel Xeon E5506 @ 2.13GHz	2975	1418	148.82	$19.99
Intel Xeon E5507 @ 2.27GHz	3125	1362	6.84	$456.91*
Intel Xeon E5520 @ 2.27GHz	4373	1074	218.76	$19.99
Intel Xeon E5530 @ 2.40GHz	4493	1051	345.62	$13.00*
Intel Xeon E5540 @ 2.53GHz	4756	992	80.61	$59.00*
Intel Xeon E5603 @ 1.60GHz	2364	1631	18.32	$129.04*
Intel Xeon E5606 @ 2.13GHz	3058	1392	42.95	$71.20
Intel Xeon E5607 @ 2.27GHz	3371	1284	48.71	$69.21*
Intel Xeon E5620 @ 2.40GHz	4769	989	111.43	$42.80
Intel Xeon E5630 @ 2.53GHz	5055	936	144.43	$35.00*
Intel Xeon E5640 @ 2.67GHz	5250	907	77.66	$67.60*
Intel Xeon E5645 @ 2.40GHz	6415	744	78.90	$81.31*
Intel Xeon E5649 @ 2.53GHz	6836	692	65.69	$104.07*
Intel Xeon E7320 @ 2.13GHz	2413	1610	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7735	597	40.08	$193.00*
Intel Xeon E-2124 @ 3.30GHz	9363	447	44.60	$209.91
Intel Xeon E-2124G @ 3.40GHz	9891	396	41.97	$235.68
Intel Xeon E-2126G @ 3.30GHz	13650	239	45.50	$299.99*
Intel Xeon E-2134 @ 3.50GHz	10882	325	39.57	$274.99
Intel Xeon E-2136 @ 3.30GHz	15640	177	56.06	$279.00
Intel Xeon E-2144G @ 3.60GHz	10776.642578125	332	31.86	$338.28*
Intel Xeon E-2146G @ 3.50GHz	15622	178	46.91	$332.99
Intel Xeon E-2174G @ 3.80GHz	12302	272	31.15	$394.99
Intel Xeon E-2176G @ 3.70GHz	15047.682128906	193	38.29	$392.99
Intel Xeon E-2176M @ 2.70GHz	12907.677246094	256	28.68	$450.00*
Intel Xeon E-2186G @ 3.80GHz	15884	170	30.26	$524.99*
Intel Xeon E-2186M @ 2.90GHz	14459	212	23.21	$623.00*
Intel Xeon E-2224 @ 3.40GHz	10093	377	50.97	$198.00*
Intel Xeon E-2224G @ 3.50GHz	9913	393	45.47	$218.00*
Intel Xeon E-2226G @ 3.40GHz	13244	250	50.94	$260.00*
Intel Xeon E-2236 @ 3.40GHz	15713	175	54.37	$289.00*
Intel Xeon E-2244G @ 3.80GHz	12782	259	46.99	$272.00*
Intel Xeon E-2246G @ 3.60GHz	15294.549804688	187	49.18	$311.00*
Intel Xeon E-2254ML @ 1.70GHz	9458	436	NA	NA

Intel Xeon E-2274G @ 4.00GHz	12595	265	37.71	$334.00*
Intel Xeon E-2276G @ 3.80GHz	14946	200	41.29	$362.00*
Intel Xeon E-2276M @ 2.80GHz	14397	214	31.99	$450.00*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Xeon E-2278G @ 3.40GHz	17670	133	35.77	$494.00*
Intel Xeon E-2278GEL @ 2.00GHz	13914	231	28.17	$494.00*
Intel Xeon E-2286G @ 4.00GHz	16671	148	37.05	$450.00*
Intel Xeon E-2286M @ 2.40GHz	18161	125	29.15	$623.00*
Intel Xeon E-2288G @ 3.70GHz	19665	104	36.48	$539.00*
Intel Xeon Gold 5117 @ 2.00GHz	16672	147	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16435	150	15.65	$1,050.00
Intel Xeon Gold 5120 @ 2.20GHz	17625	134	11.29	$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	126	10.51	$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10923	323	8.86	$1,232.50
Intel Xeon Gold 5218 @ 2.30GHz	20622	87	15.84	$1,302.03
Intel Xeon Gold 6126 @ 2.60GHz	20264	92	11.04	$1,834.95*
Intel Xeon Gold 6128 @ 3.40GHz	14961	199	8.70	$1,719.99
Intel Xeon Gold 6130 @ 2.10GHz	19643	105	11.07	$1,774.71
Intel Xeon Gold 6132 @ 2.60GHz	23907	56	11.12	$2,150.00
Intel Xeon Gold 6134 @ 3.20GHz	18206	124	8.04	$2,265.04
Intel Xeon Gold 6136 @ 3.00GHz	21034	84	7.92	$2,654.82*
Intel Xeon Gold 6137 @ 3.90GHz	20413	90	NA	NA
Intel Xeon Gold 6138 @ 2.00GHz	25421	41	9.74	$2,609.49
Intel Xeon Gold 6140 @ 2.30GHz	23964	55	8.37	$2,863.75
Intel Xeon Gold 6143 @ 2.80GHz	26128	36	NA	NA
Intel Xeon Gold 6144 @ 3.50GHz	19667	103	6.18	$3,181.17*
Intel Xeon Gold 6146 @ 3.20GHz	24261	53	5.26	$4,608.95*
Intel Xeon Gold 6148 @ 2.40GHz	25817	39	8.02	$3,217.99
Intel Xeon Gold 6152 @ 2.10GHz	23498	59	6.18	$3,799.99
Intel Xeon Gold 6154 @ 3.00GHz	27722	29	7.57	$3,659.82*
Intel Xeon Gold 6210U @ 2.50GHz	28560	24	13.87	$2,059.86*
Intel Xeon Gold 6212U @ 2.40GHz	28917	22	14.46	$2,000.00*
Intel Xeon Gold 6230 @ 2.10GHz	24559	51	12.87	$1,908.25
Intel Xeon Gold 6242 @ 2.80GHz	25313	42	9.29	$2,723.99
Intel Xeon Gold 6246 @ 3.30GHz	25734	40	7.13	$3,609.00*
Intel Xeon Gold 6254 @ 3.10GHz	30018	18	8.34	$3,600.00
Intel Xeon L3110 @ 3.00GHz	2273	1664	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1192	42.18	$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2117	4.83	$277.01*
Intel Xeon L3426 @ 1.87GHz	3943	1158	8.82	$447.01*
Intel Xeon L5240 @ 3.00GHz	2271	1666	72.32	$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1662	20.21	$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1719	30.50	$69.99*

Intel Xeon L5335 @ 2.00GHz	2756	1496	146.67	$18.79*
Intel Xeon L5408 @ 2.13GHz	3017	1400	NA	NA
Intel Xeon L5410 @ 2.33GHz	3358	1286	33.55	$100.08*
Intel Xeon L5420 @ 2.50GHz	3492	1255	126.98	$27.50*
Intel Xeon L5430 @ 2.66GHz	3721	1200	23.56	$157.95*
Intel Xeon L5520 @ 2.27GHz	4324	1085	48.07	$89.95*
Intel Xeon L5530 @ 2.40GHz	4389	1070	227.88	$19.26*
Intel Xeon L5609 @ 1.87GHz	3298	1306	NA	NA
Intel Xeon L5630 @ 2.13GHz	4338	1081	206.67	$20.99*
Intel Xeon L5638 @ 2.00GHz	5590	847	79.97	$69.90*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Xeon L5639 @ 2.13GHz	6869	688	NA	NA
Intel Xeon L5640 @ 2.27GHz	6243	761	74.89	$83.36*
Intel Xeon L7455 @ 2.13GHz	3836	1176	NA	NA
Intel Xeon MV 3.20GHz	683	2464	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26835	32	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	678	NA	NA
Intel Xeon Platinum 8160 @ 2.10GHz	24241	54	5.40	$4,489.00*
Intel Xeon Platinum 8168 @ 2.70GHz	29131	20	4.95	$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	23	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	27	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	24434	52	2.80	$8,725.00*
Intel Xeon Platinum 8259CL @ 2.50GHz	27896	28	NA	NA
Intel Xeon Platinum 8268 @ 2.90GHz	31689	14	5.28	$6,005.98*
Intel Xeon Silver 4108 @ 1.80GHz	9903.2114257812	394	22.51	$439.99
Intel Xeon Silver 4109T @ 2.00GHz	10908	324	21.77	$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11700	294	26.53	$441.00
Intel Xeon Silver 4112 @ 2.60GHz	8217	545	16.37	$501.99
Intel Xeon Silver 4114 @ 2.20GHz	14360	215	21.32	$673.49
Intel Xeon Silver 4116 @ 2.10GHz	15509	183	18.22	$851.09
Intel Xeon Silver 4123 @ 3.00GHz	15185	189	NA	NA
Intel Xeon Silver 4208 @ 2.10GHz	13116	253	24.29	$540.00
Intel Xeon Silver 4210 @ 2.20GHz	15898	168	28.44	$559.00
Intel Xeon Silver 4214 @ 2.20GHz	17532	136	21.62	$810.98
Intel Xeon Silver 4215 @ 2.50GHz	15200	188	15.89	$956.57*
Intel Xeon Silver 4216 @ 2.10GHz	19538	107	17.78	$1,098.95
Intel Xeon W3503 @ 2.40GHz	1758	1899	175.98	$9.99*
Intel Xeon W3505 @ 2.53GHz	1842	1865	74.09	$24.86*
Intel Xeon W3520 @ 2.67GHz	4937	956	102.85	$48.00*
Intel Xeon W3530 @ 2.80GHz	5212	913	17.73	$293.95*
Intel Xeon W3540 @ 2.93GHz	5395	882	270.83	$19.92*
Intel Xeon W3550 @ 3.07GHz	5560	853	185.40	$29.99*
Intel Xeon W3565 @ 3.20GHz	5765	823	262.16	$21.99

Intel Xeon W3570 @ 3.20GHz	6032	792	12.57	$479.95*
Intel Xeon W3580 @ 3.33GHz	6167	771	28.75	$214.50*
Intel Xeon W3670 @ 3.20GHz	8016	561	16.03	$499.99*
Intel Xeon W3680 @ 3.33GHz	8889	488	59.28	$149.95
Intel Xeon W3690 @ 3.47GHz	7919.2272135417	572	40.61	$195.01*
Intel Xeon W5580 @ 3.20GHz	5836	811	84.59	$68.99*
Intel Xeon W5590 @ 3.33GHz	6070	788	73.14	$82.99*
Intel Xeon W-2102 @ 2.90GHz	6977	673	24.31	$286.99*
Intel Xeon W-2104 @ 3.20GHz	7418	633	29.09	$255.00*
Intel Xeon W-2123 @ 3.60GHz	9401.1927083333	443	29.34	$320.44
Intel Xeon W-2125 @ 4.00GHz	12309	271	26.25	$469.00
Intel Xeon W-2133 @ 3.60GHz	14405	213	23.35	$617.00*
Intel Xeon W-2135 @ 3.70GHz	16305	155	16.57	$983.83
Intel Xeon W-2140B @ 3.20GHz	18620	116	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19362.213867188	109	15.97	$1,212.69
Intel Xeon W-2150B @ 3.00GHz	21434	76	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21234.860351562	80	13.88	$1,530.39*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Xeon W-2170B @ 2.50GHz	24561	50	NA	NA
Intel Xeon W-2175 @ 2.50GHz	24589	48	11.86	$2,073.34*
Intel Xeon W-2195 @ 2.30GHz	24758	47	8.33	$2,970.83
Intel Xeon W-3175X @ 3.10GHz	33538	9	10.91	$3,072.94
Intel Xeon W-3235 @ 3.30GHz	24854	46	16.25	$1,529.34
Intel Xeon W-3265 @ 2.70GHz	32235	13	7.08	$4,551.37*
Intel Xeon W-3275M @ 2.50GHz	34638	8	4.65	$7,453.00*
Intel Xeon X3210 @ 2.13GHz	2739	1504	14.75	$185.71*
Intel Xeon X3220 @ 2.40GHz	3089	1375	51.35	$60.15*
Intel Xeon X3230 @ 2.66GHz	3391	1278	47.43	$71.50*
Intel Xeon X3320 @ 2.50GHz	3306	1305	14.41	$229.50*
Intel Xeon X3323 @ 2.50GHz	3177	1341	164.10	$19.36*
Intel Xeon X3330 @ 2.66GHz	3340	1296	15.90	$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1180	63.68	$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1172	52.42	$73.50*
Intel Xeon X3360 @ 2.83GHz	3925	1160	24.85	$157.95*
Intel Xeon X3363 @ 2.83GHz	3981	1147	116.78	$34.09*
Intel Xeon X3370 @ 3.00GHz	4284	1093	11.67	$367.02*
Intel Xeon X3380 @ 3.16GHz	4600	1027	9.02	$509.95*
Intel Xeon X3430 @ 2.40GHz	2903.2880859375	1445	90.76	$31.99*
Intel Xeon X3440 @ 2.53GHz	4509	1042	31.76	$141.96*
Intel Xeon X3450 @ 2.67GHz	4744	998	59.34	$79.95*
Intel Xeon X3460 @ 2.80GHz	5142	924	14.40	$357.00*
Intel Xeon X3470 @ 2.93GHz	5328	896	33.31	$159.95*
Intel Xeon X3480 @ 3.07GHz	5629	840	NA	NA

Intel Xeon X5260 @ 3.33GHz	2448	1601	45.33	$54.00*
Intel Xeon X5270 @ 3.50GHz	2553	1561	NA	NA
Intel Xeon X5272 @ 3.40GHz	2425	1605	17.32	$140.00*
Intel Xeon X5355 @ 2.66GHz	3150	1352	10.16	$309.95*
Intel Xeon X5365 @ 3.00GHz	3549	1237	45.51	$77.99*
Intel Xeon X5450 @ 3.00GHz	3341.6490478516	1294	66.89	$49.96
Intel Xeon X5460 @ 3.16GHz	4318	1086	43.28	$99.78*
Intel Xeon X5470 @ 3.33GHz	4566	1029	24.16	$189.00*
Intel Xeon X5472 @ 3.00GHz	4001	1144	17.78	$225.00*
Intel Xeon X5482 @ 3.20GHz	4528	1040	45.28	$99.99*
Intel Xeon X5492 @ 3.40GHz	4846	975	3.48	$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5270	904	17.29	$304.85*
Intel Xeon X5560 @ 2.80GHz	5389	883	359.51	$14.99
Intel Xeon X5570 @ 2.93GHz	5600	846	23.34	$239.95*
Intel Xeon X5647 @ 2.93GHz	5797	816	290.87	$19.93*
Intel Xeon X5650 @ 2.67GHz	7269	648	290.88	$24.99
Intel Xeon X5660 @ 2.80GHz	7533	615	301.44	$24.99
Intel Xeon X5667 @ 3.07GHz	6200	766	265.75	$23.33*
Intel Xeon X5670 @ 2.93GHz	7795	587	334.84	$23.28
Intel Xeon X5672 @ 3.20GHz	6461	737	143.61	$44.99*
Intel Xeon X5675 @ 3.07GHz	7261.1520996094	650	202.37	$35.88
Intel Xeon X5677 @ 3.47GHz	6755	701	242.46	$27.86*
Intel Xeon X5679 @ 3.20GHz	8958	483	NA	NA
Intel Xeon X5680 @ 3.33GHz	8353	533	140.88	$59.29
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Xeon X5687 @ 3.60GHz	6957	676	143.44	$48.50
Intel Xeon X5690 @ 3.47GHz	7916.9711914062	573	68.84	$115.00
Intel Xeon X5698 @ 4.40GHz	4272	1094	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1415	NA	NA
Mobile AMD Athlon 4 2400+	358	2657	NA	NA
Mobile AMD Athlon 64 3200+	448	2578	NA	NA
Mobile AMD Athlon 64 3400+	511	2535	NA	NA
Mobile AMD Athlon 64 3700+	435	2590	NA	NA
Mobile AMD Athlon 64 4000+	576	2504	NA	NA
Mobile AMD Athlon 2500+	370	2644	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2741	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2717	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2743	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2714	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2709	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2652	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2665	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2666	NA	NA

Mobile AMD Athlon XP-M 2600+	370	2643	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2649	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2650	NA	NA
Mobile AMD Sempron 2100+	252	2748	NA	NA
Mobile AMD Sempron 2600+	394	2624	NA	NA
Mobile AMD Sempron 2800+	364	2651	NA	NA
Mobile AMD Sempron 3000+	389	2633	NA	NA
Mobile AMD Sempron 3100+	416	2601	NA	NA
Mobile AMD Sempron 3200+	354	2660	NA	NA
Mobile AMD Sempron 3300+	446	2583	NA	NA
Mobile AMD Sempron 3400+	441	2584	NA	NA
Mobile AMD Sempron 3500+	408	2609	NA	NA
Mobile AMD Sempron 3600+	429	2595	NA	NA
Mobile AMD Sempron 3800+	485	2549	NA	NA
Mobile Intel Celeron 1.70GHz	181	2799	NA	NA
Mobile Intel Celeron 1.80GHz	186	2795	NA	NA
Mobile Intel Celeron 2.00GHz	204	2785	NA	NA
Mobile Intel Celeron 2.20GHz	226	2769	NA	NA
Mobile Intel Celeron 2.40GHz	236	2763	NA	NA
Mobile Intel Celeron 1333MHz	280	2730	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2731	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2690	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2671	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2658	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2585	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2806	1.12	$154.00
Mobile Intel Pentium 4 - M 1.80GHz	175	2803	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2789	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2791	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2777	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2790	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Mobile Intel Pentium III - M 1200MHz	224	2770	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1583	NA	NA
Quad-Core AMD Opteron 1385	3442	1267	63.74	$54.00*
Quad-Core AMD Opteron 1389	3446	1265	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1435	NA	NA
VIA C7-D 1800MHz	203	2787	NA	NA
VIA C7-M 1200MHz	140	2815	NA	NA
VIA C7-M 1600MHz	178	2801	NA	NA
VIA C7-M 6300MHz	222	2772	NA	NA
VIA Eden 1000MHz	123	2823	NA	NA
VIA Eden 1200MHz	142	2814	NA	NA

VIA Eden C1050@1.06GHz	352	2662	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	499	2543	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1262	2165	NA	NA
VIA Esther 1000MHz	146	2813	NA	NA
VIA Esther 1500MHz	195	2792	NA	NA
VIA Nano L2007@1600MHz	369	2645	NA	NA
VIA Nano L2100@1800MHz	428	2596	NA	NA
VIA Nano L2207@1600MHz	296	2716	NA	NA
VIA Nano U2250 (1.6GHz Capable)	415	2602	NA	NA
VIA Nano U2250@1300+MHz	274	2734	NA	NA
VIA Nano U2500@1200MHz	306	2699	NA	NA
VIA Nano U3500@1000MHz	272	2735	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2490	NA	NA
VIA Nehemiah	155	2810	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1838	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	2103	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2213	NA	NA
ZHAOXIN KaiXian KX-U6780A@2.7GHz	5760	824	NA	NA
ZHAOXIN KaiXian ZX-C+ C4700@2.0GHz	2069	1752	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	352	3.61	$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	164	100.33	$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	457	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	464	2.95	$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	511	NA	NA
[Dual CPU] AMD EPYC 7251	12955	225	15.72	$823.98
[Dual CPU] AMD EPYC 7261	12430	231	8.88	$1,399.98
[Dual CPU] AMD EPYC 7281	15152	193	14.45	$1,048.70
[Dual CPU] AMD EPYC 7302	32495	37	15.18	$2,139.98
[Dual CPU] AMD EPYC 7371	19370	145	6.25	$3,100.00*
[Dual CPU] AMD EPYC 7401	23518	90	6.58	$3,575.58
[Dual CPU] AMD EPYC 7451	28957	54	13.25	$2,186.18
[Dual CPU] AMD EPYC 7501	28991	53	3.88	$7,462.84
[Dual CPU] AMD EPYC 7542	46721	3	6.06	$7,710.90
[Dual CPU] AMD EPYC 7551	31452	41	3.90	$8,062.96
[Dual CPU] AMD EPYC 7601	33545	33	4.67	$7,187.04
[Dual CPU] AMD EPYC 7742	55574	1	3.69	$15,045.98
[Dual CPU] AMD Opteron 246	1130	500	5.71	$197.90
[Dual CPU] AMD Opteron 248	1053	501	13.18	$79.90
[Dual CPU] AMD Opteron 250	1438	496	65.36	$22.00*

[Dual CPU] AMD Opteron 252	1418	497	11.19	$126.72*
[Dual CPU] AMD Opteron 254	816	506	NA	NA
[Dual CPU] AMD Opteron 256	1853	493	48.76	$38.00*
[Dual CPU] AMD Opteron 265	2010	491	13.77	$146.00
[Dual CPU] AMD Opteron 270	2226	487	4.45	$499.90
[Dual CPU] AMD Opteron 275	2133	490	35.61	$59.90
[Dual CPU] AMD Opteron 280	2452	481	18.86	$130.00*
[Dual CPU] AMD Opteron 285	2769	471	17.32	$159.90
[Dual CPU] AMD Opteron 290	2716	473	10.06	$270.00*
[Dual CPU] AMD Opteron 850	1410	498	0.47	$3,028.00*
[Dual CPU] AMD Opteron 885	2851	466	NA	NA
[Dual CPU] AMD Opteron 2212	2203	488	55.08	$40.00*
[Dual CPU] AMD Opteron 2214	2344	483	40.41	$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	480	NA	NA
[Dual CPU] AMD Opteron 2216	2526	477	47.13	$53.60*
[Dual CPU] AMD Opteron 2216 HE	2593	476	NA	NA
[Dual CPU] AMD Opteron 2218	2732	472	17.09	$159.90
[Dual CPU] AMD Opteron 2218 HE	2397	482	NA	NA
[Dual CPU] AMD Opteron 2220	2839	467	17.75	$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	465	57.64	$50.00*
[Dual CPU] AMD Opteron 2222	2998	461	0.90	$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	455	45.30	$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	445	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	452	7.36	$471.66*
[Dual CPU] AMD Opteron 2350	4078	446	162.60	$25.08
[Dual CPU] AMD Opteron 2354	4554	433	6.86	$664.06*
[Dual CPU] AMD Opteron 2356	4441	436	42.70	$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	416	73.82	$72.00
[Dual CPU] AMD Opteron 2373 EE	4164	441	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	430	36.92	$130.00
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
[Dual CPU] AMD Opteron 2376	5238	418	15.70	$333.62*
[Dual CPU] AMD Opteron 2378	5318	415	14.85	$358.00*
[Dual CPU] AMD Opteron 2380	5261	417	75.16	$70.00
[Dual CPU] AMD Opteron 2384	5449	410	3.24	$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	389	NA	NA
[Dual CPU] AMD Opteron 2389	5677	403	48.11	$118.00*
[Dual CPU] AMD Opteron 2419	5191	420	216.47	$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	390	NA	NA
[Dual CPU] AMD Opteron 2427	5964	399	45.88	$130.00
[Dual CPU] AMD Opteron 2431	6438	380	128.81	$49.98
[Dual CPU] AMD Opteron 2435	7053	366	235.41	$29.96
[Dual CPU] AMD Opteron 2439 SE	8071	335	44.84	$179.98*

[Dual CPU] AMD Opteron 4122	4076	447	33.97	$120.00
[Dual CPU] AMD Opteron 4130	5651	405	9.45	$597.90
[Dual CPU] AMD Opteron 4170 HE	6344	383	79.32	$79.98
[Dual CPU] AMD Opteron 4180	6367	382	14.15	$450.08
[Dual CPU] AMD Opteron 4184	7813	341	7.51	$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	334	80.90	$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	337	NA	NA
[Dual CPU] AMD Opteron 4234	8953	311	19.46	$459.98*
[Dual CPU] AMD Opteron 4274 HE	6797	373	84.98	$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	294	NA	NA
[Dual CPU] AMD Opteron 4280	4525	434	45.25	$100.00*
[Dual CPU] AMD Opteron 4284	9151	303	76.27	$119.98*
[Dual CPU] AMD Opteron 4334	9462	301	21.86	$432.84*
[Dual CPU] AMD Opteron 4340	10419	272	21.71	$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	279	8.15	$1,257.44*
[Dual CPU] AMD Opteron 4386	11410	252	44.33	$257.36
[Dual CPU] AMD Opteron 6128	6811	372	179.33	$37.98
[Dual CPU] AMD Opteron 6128 HE	5582	408	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	318	NA	NA
[Dual CPU] AMD Opteron 6134	7586	354	168.58	$45.00
[Dual CPU] AMD Opteron 6136	7255	360	14.54	$499.10
[Dual CPU] AMD Opteron 6164 HE	5109	422	NA	NA
[Dual CPU] AMD Opteron 6168	7741	348	6.67	$1,159.90
[Dual CPU] AMD Opteron 6172	7621	353	111.09	$68.60
[Dual CPU] AMD Opteron 6174	7783	343	19.46	$399.96
[Dual CPU] AMD Opteron 6176 SE	8448	325	26.57	$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	458	10.74	$289.98
[Dual CPU] AMD Opteron 6204	7134	362	50.96	$139.98*
[Dual CPU] AMD Opteron 6212	8927	314	148.83	$59.98*
[Dual CPU] AMD Opteron 6220	10558	268	88.00	$119.98*
[Dual CPU] AMD Opteron 6234	10079	286	11.17	$901.98
[Dual CPU] AMD Opteron 6238	10349	275	431.21	$24.00
[Dual CPU] AMD Opteron 6272	9818	290	81.83	$119.98
[Dual CPU] AMD Opteron 6274	10536	269	7.54	$1,397.78
[Dual CPU] AMD Opteron 6275	10900	265	NA	NA
[Dual CPU] AMD Opteron 6276	10101	285	25.38	$398.00
[Dual CPU] AMD Opteron 6284 SE	11985	245	17.12	$699.98*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
[Dual CPU] AMD Opteron 6308	8349	326	13.92	$599.96
[Dual CPU] AMD Opteron 6320	10716	267	18.80	$570.00
[Dual CPU] AMD Opteron 6328	12013	244	4.62	$2,598.00
[Dual CPU] AMD Opteron 6344	11144	258	14.32	$778.00*
[Dual CPU] AMD Opteron 6348	11412	251	2.05	$5,571.28

[Dual CPU] AMD Opteron 6366 HE	12147	237	202.52	$59.98*
[Dual CPU] AMD Opteron 6376	10360	274	94.18	$110.00
[Dual CPU] AMD Opteron 6378	9145	304	217.74	$42.00
[Dual CPU] AMD Opteron 6380	14200	202	144.90	$98.00
[Dual CPU] AMD Opteron 6386 SE	12195	235	45.17	$269.98
[Dual CPU] AMD Opteron 8218	2831	468	61.54	$46.00*
[Dual CPU] AMD Opteron 8220	2510	479	15.70	$159.90
[Dual CPU] AMD Opteron 8222 SE	2793	470	98.97	$28.22
[Dual CPU] AMD Opteron 8354	3223	456	100.72	$32.00
[Dual CPU] AMD Opteron 8380	5643	406	13.70	$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	419	NA	NA
[Dual CPU] AMD Opteron 8389	6517	378	41.25	$158.00*
[Dual CPU] AMD Opteron 8431	5813	401	207.76	$27.98*
[Dual CPU] AMD Opteron 8435	6739	374	46.80	$144.00*
[Dual CPU] AMD Opteron 8439 SE	7691	350	64.09	$120.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	499	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	485	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	451	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	340	2.19	$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	520	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	518	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	539	515	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	540	514	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	521	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	522	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	519	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	517	25.99	$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	512	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	679	508	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	770	507	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	510	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	505	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	885	504	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	927	503	0.54	$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1854	492	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	502	0.58	$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	489	30.53	$70.00*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2315	484	0.71	$3,239.98
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2623	475	26.77	$97.98*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	459	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2974	463	59.50	$49.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	460	114.20	$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3406	453	12.17	$279.90*

[Dual CPU] Intel Xeon 5160 @ 3.00GHz	2994	462	29.95	$99.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8938	313	19.43	$459.98
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11007	262	16.68	$659.98
[Dual CPU] Intel Xeon Bronze 3204 @ 1.90GHz	10503	270	19.31	$544.04*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	391	64.96	$95.50*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	386	141.98	$44.40*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	359	182.58	$40.00
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	307	12.53	$719.90*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11299	254	247.03	$45.74
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	246	205.34	$58.00
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	329	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13220	223	188.91	$69.98
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13986	205	85.29	$163.98*
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	10818	266	167.57	$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	13554	216	NA	NA
[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	12419	232	207.05	$59.98
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	226	183.63	$70.00
[Dual CPU] Intel Xeon E5-2448L @ 1.80GHz	11334	253	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	14051	204	117.11	$119.98
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16397	178	49.39	$332.00
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11807	247	147.62	$79.98
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	13442	217	82.48	$162.98
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	154	30.95	$599.98
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6324	385	66.08	$95.70*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6613	376	55.12	$119.98*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8289	330	84.58	$98.00
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8956	310	19.97	$448.40
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8152	333	214.98	$37.92
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	9041	306	31.17	$290.04
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	287	47.29	$212.06*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	11010	261	15.30	$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12191	236	369.42	$33.00
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13186	224	227.34	$58.00
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	13931	206	232.26	$59.98
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16439	176	27.17	$604.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14411	200	59.55	$242.00*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	11703	249	10.66	$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	198	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13423	219	168.04	$79.88*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15932	182	227.60	$70.00
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18801	152	104.45	$180.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18772	153	16.79	$1,118.00

[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11172	257	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	211	252.60	$54.26
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	191	16.16	$939.80
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7706	349	4.35	$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15900	183	93.54	$169.98
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	15174	192	52.14	$291.02
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16603	175	8.31	$1,998.00
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14649	196	252.74	$57.96
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14553	199	182.96	$79.54*
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19504	142	139.35	$139.96
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	16071	180	8.09	$1,985.98
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13662	212	166.65	$81.98
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20756	128	94.35	$219.98
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	20724	129	41.45	$499.98
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21533	116	5.33	$4,039.90
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12399	233	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	208	4.67	$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	158	5.79	$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	14179	203	157.58	$89.98
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18814	151	81.19	$231.74
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20121	134	111.80	$179.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20809	126	10.31	$2,018.00*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	13621	214	90.81	$150.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	13788	209	94.37	$146.10*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	123	19.37	$1,079.98
[Dual CPU] Intel Xeon E5-2652 v3 @ 2.30GHz	19588	140	8.36	$2,342.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13859	207	4.74	$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18901	150	52.51	$359.98*
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	144	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	163	4.85	$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16409	177	71.97	$228.00*
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17868	162	69.26	$258.00
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22475	105	29.97	$749.86
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23105	97	8.09	$2,856.58
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23144	96	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	16943	170	103.32	$163.98
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	82	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16369	179	204.61	$80.00
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22742	101	63.18	$359.98
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22377	109	34.97	$639.98
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22525	104	4.58	$4,919.90*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	17040	169	69.66	$244.62

[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20646	130	56.51	$365.36
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22475	106	77.51	$289.98
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	93	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	21348	119	15.25	$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	72	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	20032	136	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	20856	125	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	47	5.54	$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18540	157	134.35	$138.00
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21562	115	65.34	$330.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	25157	80	69.88	$359.98
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22761	100	7.54	$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	171	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21237	121	26.68	$796.00
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24666	85	27.41	$900.00
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	112	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26907	69	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	57	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20779	127	18.48	$1,124.52
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23311	95	34.79	$670.00*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24293	87	19.95	$1,217.98*
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26679	70	6.13	$4,349.98*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	18055	159	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	25703	78	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19623	139	131.68	$149.02
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23510	92	54.44	$431.86*
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25718	77	59.81	$430.00
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27562	63	6.35	$4,339.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	22847	99	45.88	$497.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24625	86	25.18	$978.00
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	26592	71	2.29	$11,616.00*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23518	91	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30745	45	6.15	$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31774	40	5.28	$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23101	98	43.26	$533.98
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27383	66	22.86	$1,198.00
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30440	46	5.44	$5,597.90
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	29346	51	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	28299	61	19.15	$1,478.00
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	44	4.78	$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	38	4.44	$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	88	NA	NA

[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26963	68	19.29	$1,398.00
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	29	4.60	$7,398.00
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	22222	111	NA	NA
[Dual CPU] Intel Xeon E5-4610 v2 @ 2.30GHz	10937	264	4.49	$2,438.00*
[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz	15383	188	85.56	$179.80*
[Dual CPU] Intel Xeon E5-4620 v3 @ 2.00GHz	16684	174	5.00	$3,336.00*
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	143	19.15	$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	184	2.91	$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	147	35.31	$544.08*
[Dual CPU] Intel Xeon E5-4640 v3 @ 1.90GHz	20468	131	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	141	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18565	155	132.63	$139.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	194	1.94	$7,676.00*
[Dual CPU] Intel Xeon E5-4650 v4 @ 2.20GHz	21855	114	2.85	$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	13742	210	92.88	$147.96*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	107	2.34	$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	65	2.54	$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	238	44.98	$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	187	NA	NA
[Dual CPU] Intel Xeon E7-4830 @ 2.13GHz	9539	300	147.66	$64.60*
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	108	1.81	$12,400.00*
[Dual CPU] Intel Xeon E7-8860 @ 2.27GHz	9298	302	1.14	$8,122.00*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	243	1.42	$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15263	190	40.38	$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10965	263	27.41	$399.98*
[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz	10207	283	1.02	$10,017.02*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	486	79.85	$28.54*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	448	22.74	$177.56*
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3554	450	36.27	$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4155	442	53.61	$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	425	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	432	128.28	$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	4148	443	51.86	$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5126	421	64.16	$79.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6007	397	14.37	$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6329	384	50.27	$125.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6828	371	22.03	$309.90*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7120	363	35.96	$198.00*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	6261	388	10.47	$597.88*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7083	365	129.73	$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7774	344	129.39	$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2511	478	13.22	$190.00*

[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2805	469	4.89	$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4870	429	34.81	$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4992	424	124.86	$39.98
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5414	412	5.92	$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	6051	396	151.35	$39.98
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7565	355	290.96	$26.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7691	351	65.18	$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	444	16.04	$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	409	38.66	$142.40
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5916	400	42.74	$138.42*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	7976	338	93.18	$85.60
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8331	327	119.01	$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8616	321	63.73	$135.20*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10228	281	62.90	$162.62*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10268	278	49.33	$208.14*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	411	87.81	$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	414	29.87	$179.98*
[Dual CPU] Intel Xeon E7540 @ 2.00GHz	6738	375	210.96	$31.94*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	113	10.01	$2,198.00
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21437	117	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	120	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22300	110	10.62	$2,100.00
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	81	8.04	$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17546	165	7.12	$2,465.00
[Dual CPU] Intel Xeon Gold 5215 @ 2.50GHz	22537	103	9.23	$2,442.00*
[Dual CPU] Intel Xeon Gold 5217 @ 3.00GHz	23367	94	7.68	$3,044.00*
[Dual CPU] Intel Xeon Gold 5218 @ 2.30GHz	17384	167	6.68	$2,604.06
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	67	10.14	$2,698.00*
[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	28658	58	8.10	$3,539.90*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	18921	149	7.12	$2,657.06*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28610	59	7.80	$3,669.90*
[Dual CPU] Intel Xeon Gold 6126T @ 2.60GHz	20391	132	5.47	$3,730.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22725	102	6.61	$3,439.98
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26366	73	7.43	$3,549.42
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	64	6.40	$4,300.00
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	24851	83	5.49	$4,530.08
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29725	49	5.60	$5,309.64*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	62	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	33941	30	6.50	$5,218.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32761	36	5.72	$5,727.50
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	55	4.70	$6,139.98
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	29907	48	NA	NA

[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28802	56	4.53	$6,362.34*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29655	50	3.22	$9,217.90*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36724	23	5.71	$6,435.98
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32941	35	5.01	$6,569.90*
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33142	34	4.36	$7,599.98
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	20	5.08	$7,319.64*
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	25519	79	5.44	$4,691.46
[Dual CPU] Intel Xeon Gold 6240 @ 2.60GHz	37124	21	7.20	$5,155.98
[Dual CPU] Intel Xeon Gold 6242 @ 2.80GHz	33730	32	6.19	$5,447.98
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31282	42	5.11	$6,120.00*
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	33741	31	4.67	$7,218.00*
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38755	14	5.87	$6,599.98
[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz	37405	17	4.18	$8,954.10*
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	40219	12	5.59	$7,200.00
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	435	71.16	$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	439	30.62	$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	427	130.15	$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	407	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	393	30.58	$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6437	381	117.04	$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	395	19.22	$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	426	11.00	$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	369	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6970	368	38.74	$179.90*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7553	356	196.08	$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	6973	367	166.10	$41.98*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8693	317	62.18	$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9564	298	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9642	296	57.83	$166.72*
[Dual CPU] Intel Xeon MP 2.50GHz	550	513	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	516	4.56	$118.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	509	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	494	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36135	25	NA	NA
[Dual CPU] Intel Xeon Platinum 8153 @ 2.00GHz	19091	148	3.06	$6,230.00*
[Dual CPU] Intel Xeon Platinum 8160 @ 2.10GHz	38364	15	4.27	$8,978.00*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	37838	16	2.46	$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	52	2.96	$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39589	13	3.36	$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36410	24	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	26	NA	NA
[Dual CPU] Intel Xeon Platinum 8176M @ 2.10GHz	37191	19	NA	NA

[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	18	1.86	$20,030.00*
[Dual CPU] Intel Xeon Platinum 8260 @ 2.40GHz	44224	4	4.80	$9,220.00*
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	10	3.42	$12,011.96*
[Dual CPU] Intel Xeon Platinum 8275CL @ 3.00GHz	43870	7	NA	NA
[Dual CPU] Intel Xeon Platinum 8280 @ 2.70GHz	43943	6	2.20	$20,018.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15699	186	17.84	$879.98
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16855	173	19.11	$882.00
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13327	221	13.27	$1,003.98
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19362	146	14.37	$1,346.98
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	118	12.59	$1,702.18
[Dual CPU] Intel Xeon Silver 4208 @ 2.10GHz	17904	161	16.58	$1,080.00
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	137	19.96	$1,002.00*
[Dual CPU] Intel Xeon Silver 4210 @ 2.20GHz	20974	122	18.76	$1,118.00
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz	24097	89	14.86	$1,621.96
[Dual CPU] Intel Xeon Silver 4216 @ 2.10GHz	26171	75	11.91	$2,197.90
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10019	288	72.61	$137.98*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10242	280	61.71	$165.98*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	277	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	3573	449	33.08	$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	431	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	428	17.46	$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5730	402	9.24	$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6194	392	39.71	$155.98*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7444	357	74.50	$99.92
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7794	342	39.06	$199.56*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8051	336	21.30	$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7769	345	17.26	$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8159	332	40.80	$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8653	319	3.11	$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8731	315	14.32	$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	8993	308	299.97	$29.98
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	7753	346	16.16	$479.90*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9649	295	242.07	$39.86*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11226	256	224.61	$49.98
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	9779	291	195.66	$49.98
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10226	282	219.16	$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12058	240	258.98	$46.56
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10293	276	114.39	$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12087	239	168.44	$71.76
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11142	259	199.96	$55.72*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13428	218	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13337	220	112.47	$118.58
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11750	248	121.13	$97.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13599	215	59.13	$230.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	324	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	377	91.61	$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	316	6.15	$1,417.90*
[Dual CPU] Intel Xeon X7542 @ 2.67GHz	8972	309	13.22	$678.48*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	289	18.07	$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11230	255	255.23	$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	440	58.91	$70.80
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	423	11.46	$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	438	126.18	$34.00
[Dual CPU] Quad-Core AMD Opteron 8356	4376	437	199.09	$21.98
[Dual CPU] Quad-Core AMD Opteron 8378	5382	413	30.51	$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	370	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	404	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	398	NA	NA
[Quad CPU] AMD Opteron 885	2695	474	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	328	NA	NA
[Quad CPU] AMD Opteron 6136	9767	292	9.78	$998.20
[Quad CPU] AMD Opteron 6174	8594	322	10.74	$799.92
[Quad CPU] AMD Opteron 6272	12292	234	51.23	$239.96
[Quad CPU] AMD Opteron 6274	10488	271	3.75	$2,795.56
[Quad CPU] AMD Opteron 6276	15342	189	19.27	$796.00
[Quad CPU] AMD Opteron 6278	12055	241	167.90	$71.80
[Quad CPU] AMD Opteron 6282 SE	11044	260	4.31	$2,560.00
[Quad CPU] AMD Opteron 6376	13257	222	60.26	$220.00
[Quad CPU] AMD Opteron 6378	20859	124	248.32	$84.00
[Quad CPU] AMD Opteron 6380	12553	229	64.05	$196.00
[Quad CPU] AMD Opteron 8360 SE	6490	379	77.26	$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	394	NA	NA
[Quad CPU] AMD Opteron 8382	8553	323	72.04	$118.72
[Quad CPU] AMD Opteron 8425 HE	7359	358	NA	NA
[Quad CPU] AMD Opteron 8431	8252	331	147.46	$55.96*
[Quad CPU] AMD Opteron 8435	7099	364	24.65	$288.00*
[Quad CPU] AMD Opteron 8439 SE	8943	312	37.26	$240.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	495	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	454	NA	NA
[Quad CPU] Intel Xeon E5-4603 v2 @ 2.20GHz	14395	201	6.53	$2,204.00*
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	172	46.92	$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	14669	195	27.32	$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	213	42.59	$319.96*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	84	12.12	$2,035.80*
[Quad CPU] Intel Xeon E5-4640 @ 2.40GHz	19643	138	1.80	$10,920.00*

[Quad CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	20036	135	18.41	$1,088.16*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	17127	168	61.18	$279.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	74	12.87	$2,035.80*
[Quad CPU] Intel Xeon E5-4650L @ 2.60GHz	18557	156	62.71	$295.92*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	43	2.14	$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	133	3.36	$6,008.00*
[Quad CPU] Intel Xeon E7-4830 @ 2.13GHz	12824	227	99.26	$129.20*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	181	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	28	1.39	$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	60	59.70	$478.56*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	39	NA	NA
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	36830	22	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	14596	197	91.25	$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17398	166	131.84	$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15793	185	20.89	$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	228	15.87	$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	18000	160	0.90	$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	6277	387	18.46	$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	347	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	284	28.32	$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9618	297	10.03	$958.52*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	305	14.31	$631.80*
[Quad CPU] Intel Xeon E7540 @ 2.00GHz	7945	339	124.37	$63.88*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	76	5.30	$4,930.00
[Quad CPU] Intel Xeon Gold 6140 @ 2.30GHz	43682	8	3.81	$11,455.00
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	27	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	11	2.68	$15,199.96
[Quad CPU] Intel Xeon Gold 6248 @ 2.50GHz	41863	9	3.17	$13,199.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	293	NA	NA
[Quad CPU] Intel Xeon L7555 @ 1.87GHz	10406	273	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	5	1.10	$40,060.00*
[Quad CPU] Intel Xeon Platinum 8180M @ 2.50GHz	48904	2	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	299	66.28	$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	242	4.24	$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	320	6.36	$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	250	10.45	$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	12448	230	141.45	$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	361	163.10	$43.96

** - Last price seen from our affiliates.*

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