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# CPU Benchmarks

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## CPU List

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

How does your CPU compare?

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## Single CPU Systems

Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2769	NA	NA
AMD A10 Micro-6700T APU	1970	1741	NA	NA
AMD A10 PRO-7350B APU	3164	1302	NA	NA
AMD A10 PRO-7800B APU	4955	897	NA	NA
AMD A10 PRO-7850B APU	5380	821	NA	NA
AMD A10-4600M APU	3114	1323	NA	NA
AMD A10-4655M APU	2605	1489	NA	NA
AMD A10-4657M APU	2906	1395	NA	NA
AMD A10-5700 APU	4214	1048	65.35	\$64.50*
AMD A10-5745M APU	2763	1442	NA	NA
AMD A10-5750M APU	3342	1247	NA	NA
AMD A10-5757M APU	3084	1330	NA	NA
AMD A10-5800B APU	4614	963	NA	NA
AMD A10-5800K APU	4647	955	30.98	\$149.99
AMD A10-6700 APU	4602	966	39.34	\$116.99*
AMD A10-6700T APU	3693	1162	25.02	\$147.61*
AMD A10-6790K APU	4714	942	49.64	\$94.99*
AMD A10-6800B APU	4822	923	NA	NA
AMD A10-6800K APU	4860	919	16.94	\$286.85*
AMD A10-7300 APU	2906	1394	NA	NA
AMD A10-7400P	3606	1178	NA	NA
AMD A10-7700K APU	5120	860	39.87	\$128.41
AMD A10-7800 APU	4973	892	48.10	\$103.39*
AMD A10-7850K APU	5468	805	46.82	\$116.81
AMD A10-7860K	5070	870	28.97	\$175.00*
AMD A10-7870K	5475	802	24.12	\$226.99*
AMD A10-7890K	5711	772	28.56	\$199.99*
AMD A10-8700P	3447	1220	NA	NA
AMD A10-8750	5064	874	NA	NA

AMD A10-8850	Geekbench CPU Mark	787 Rank	NA CPU Value	NA Price
CPU Name	(higher is better)	(lower is better)	(higher is better)	(USD)
AMD A10-9600P	3754	1140	NA	NA
AMD A10-9620P	3654	1170	NA	NA
AMD A10-9630P	4497	989	NA	NA
AMD A10-9700	5388	820	63.26	\$85.18
AMD A10-9700E	4747	940	52.18	\$90.99
AMD A12-9700P	3717	1154	NA	NA
AMD A12-9720P	3992	1085	NA	NA
AMD A12-9730P	4417	1006	NA	NA
AMD A12-9800	5575	790	37.61	\$148.24*
AMD A12-9800E	5083	866	38.69	\$131.38
AMD A4 Micro-6400T APU	1544	1959	NA	NA
AMD A4 PRO-3340B	2402	1566	NA	NA
AMD A4 PRO-7300B APU	2353	1587	NA	NA
AMD A4 PRO-7350B	2227	1641	NA	NA
AMD A4-1200 APU	632	2449	NA	NA
AMD A4-1250 APU	619	2456	NA	NA
AMD A4-3300 APU	1503	1984	115.71	\$12.99
AMD A4-3300M APU	1188	2148	39.62	\$29.99*
AMD A4-3305M APU	1227	2127	39.84	\$30.81
AMD A4-3310MX APU	1286	2090	NA	NA
AMD A4-3320M APU	1253	2113	34.93	\$35.90
AMD A4-3330MX APU	1218	2130	NA	NA
AMD A4-3400 APU	1593	1945	18.12	\$87.95
AMD A4-3420 APU	1664	1904	NA	NA
AMD A4-4000 APU	1834	1814	14.31	\$128.27*
AMD A4-4020 APU	1909	1775	21.21	\$90.00
AMD A4-4300M APU	1612	1932	40.44	\$39.86
AMD A4-4355M APU	1177	2152	NA	NA
AMD A4-5000 APU	1916	1771	NA	NA
AMD A4-5050 APU	2113	1683	NA	NA
AMD A4-5100 APU	2056	1710	NA	NA
AMD A4-5150M APU	1864	1798	NA	NA
AMD A4-5300 APU	2015	1726	18.27	\$110.32
AMD A4-5300B APU	2149	1668	56.56	\$38.00*
AMD A4-6210 APU	2169	1658	NA	NA
AMD A4-6250J APU	2556	1508	NA	NA
AMD A4-6300 APU	2222	1644	37.05	\$59.99*
AMD A4-6300B APU	2129	1676	21.30	\$100.00*
AMD A4-6320 APU	2329	1590	33.29	\$69.99*
AMD A4-7210 APU	2523	1520	NA	NA
AMD A4-7300 APU	2309	1600	18.93	\$122.00
AMD A4-9120	1957	1746	NA	NA
AMD A4-9120C	1539	1962	NA	NA
AMD A4-9125	1968	1744	NA	NA
AMD A6 Micro-6500T APU	1834	1815	NA	NA
AMD A6 PRO-7050B APU	1616	1930	NA	NA
AMD A6 PRO-7400B	2621	1483	NA	NA
AMD A6-1450 APU	1539	1963	NA	NA
AMD A6-3400M APU	1888	1789	63.02	\$29.97*
AMD A6-3410MX APU	2059	1708	516.08	\$3.99*
AMD A6-3420M APU	2004	1728	NA	NA
AMD A6-3430MX APU	2200	1651	NA	NA
AMD A6-3500 APU	2029	1718	50.76	\$39.99*
AMD A6-3600 APU	2706	1461	117.73	\$22.99*
AMD A6-3620 APU	2794	1430	46.58	\$59.99*
AMD A6-3650 APU	3148	1313	98.41	\$31.99*
AMD A6-3670 APU	3165	1301	5.19	\$610.00*
AMD A6-4400M APU	1641	1918	205.40	\$7.99*
AMD A6-4455M APU	1286	2089	NA	NA
AMD A6-5200 APU	2433	1554	NA	NA
AMD A6-5345M APU	1476	1995	NA	NA

AMD CPU Name	Passmark CPU Mark (higher is better)	1777 Rank (lower is better)	44.20 CPU Value (higher is better)	\$43.12 Price (USD)
AMD A6-5350M APU	2242	1634	21.35	\$105.04*
AMD A6-5400B APU	2161	1664	34.85	\$62.02
AMD A6-5400K APU	2458	1546	NA	NA
AMD A6-6310 APU	2281	1612	NA	NA
AMD A6-6400B APU	2310	1599	11.06	\$208.99*
AMD A6-6400K APU	2612	1486	NA	NA
AMD A6-6420B APU	2388	1573	15.92	\$149.99*
AMD A6-6420K APU	1667	1901	NA	NA
AMD A6-7000	2671	1469	NA	NA
AMD A6-7310 APU	2790	1433	39.87	\$69.98
AMD A6-7400K APU	2727	1455	19.68	\$138.63
AMD A6-7470K	3129	1316	71.14	\$43.99*
AMD A6-7480	2202	1650	NA	NA
AMD A6-8500P	3032	1347	NA	NA
AMD A6-8550	1747	1852	NA	NA
AMD A6-9200	1753	1848	NA	NA
AMD A6-9210	2168	1660	NA	NA
AMD A6-9220	2071	1702	NA	NA
AMD A6-9220C	1621	1928	NA	NA
AMD A6-9220e	2154	1666	NA	NA
AMD A6-9225	2102	1689	NA	NA
AMD A6-9230	3058	1340	58.52	\$52.27
AMD A6-9500	2889	1404	39.67	\$72.84
AMD A6-9500E	2650	1476	NA	NA
AMD A8 PRO-7150B APU	4758	936	NA	NA
AMD A8 PRO-7600B APU	1980	1736	28.32	\$69.95
AMD A8-3500M APU	2414	1560	NA	NA
AMD A8-3510MX APU	2171	1657	NA	NA
AMD A8-3520M APU	2354	1585	NA	NA
AMD A8-3530MX APU	2610	1487	NA	NA
AMD A8-3550MX APU	3011	1351	52.84	\$56.99*
AMD A8-3800 APU	3106	1324	24.85	\$124.99*
AMD A8-3820 APU	3459	1218	32.74	\$105.68*
AMD A8-3850 APU	3539	1195	23.65	\$149.67*
AMD A8-3870K APU	2666	1472	NA	NA
AMD A8-4500M APU	2125	1678	NA	NA
AMD A8-4555M APU	3998	1084	70.77	\$56.50*
AMD A8-5500 APU	4008	1082	NA	NA
AMD A8-5500B APU	2590	1495	NA	NA
AMD A8-5545M APU	3002	1356	NA	NA
AMD A8-5550M APU	2954	1372	NA	NA
AMD A8-5557M APU	4338	1021	18.92	\$229.30
AMD A8-6410 APU	2573	1503	NA	NA
AMD A8-6500 APU	4392	1009	46.24	\$94.99*
AMD A8-6500B APU	4612	964	NA	NA
AMD A8-6500T APU	3221	1284	NA	NA
AMD A8-6500T APU	4590	970	47.33	\$96.99*
AMD A8-6600K APU	1824	1821	NA	NA
AMD A8-7050	2808	1428	NA	NA
AMD A8-7100 APU	3319	1254	NA	NA
AMD A8-7200P	2744	1448	NA	NA
AMD A8-7410 APU	5066	872	17.72	\$285.99*
AMD A8-7600 APU	4928	902	40.71	\$121.06
AMD A8-7650K	5083	865	31.56	\$161.10*
AMD A8-7670K	5270	838	87.86	\$59.99*
AMD A8-7680	3248	1272	NA	NA
AMD A8-8600P	5470	804	NA	NA
AMD A8-8650	4966	895	73.04	\$67.99
AMD A8-9600	2320	1593	NA	NA
AMD A9-9400	2547	1512	NA	NA
AMD A9-9410				

AMD A9-9420	Passmark CPU	1589	NA	NA
CPU Name	Mark	Rank	CPU Value	Price
AMD A9-9420e	1832	1812	NA	(USD)
	(higher is better)	(lower is better)	(higher is better)	
AMD A9-9425	2502	1532	NA	NA
AMD A9-9430	2524	1519	NA	NA
AMD Athlon 1500+	294	2761	NA	NA
AMD Athlon 1640B	670	2432	13.42	\$50.00*
AMD Athlon 2000+	390	2652	NA	NA
AMD Athlon 200GE	4921	904	74.62	\$65.95
AMD Athlon 2100+	412	2615	NA	NA
AMD Athlon 2200+	363	2681	4.55	\$79.99*
AMD Athlon 220GE	5302	835	85.79	\$61.81
AMD Athlon 2400+	462	2564	NA	NA
AMD Athlon 240GE	5411	813	77.38	\$69.94
AMD Athlon 2500+	374	2661	2.04	\$183.99*
AMD Athlon 2600+	444	2583	4.23	\$104.95*
AMD Athlon 2650e	409	2619	21.56	\$19.00*
AMD Athlon 2800+	447	2580	3.20	\$139.95*
AMD Athlon 2850e	506	2523	NA	NA
AMD Athlon 300U	4863	917	NA	NA
AMD Athlon 3100+	485	2541	NA	NA
AMD Athlon 3200+	458	2568	7.63	\$60.00*
AMD Athlon 4	279	2789	4.00	\$69.99
AMD Athlon 5000 Dual-Core	1292	2084	10.78	\$119.95*
AMD Athlon 5150 APU	2105	1687	13.16	\$159.95
AMD Athlon 5200 Dual-Core	1266	2107	42.23	\$29.99*
AMD Athlon 5350 APU	2608	1488	17.50	\$149.00
AMD Athlon 5370 APU	2912	1388	45.73	\$63.70*
AMD Athlon 64 2000+	116	2923	NA	NA
AMD Athlon 64 2200+	575	2481	NA	NA
AMD Athlon 64 2600+	374	2664	NA	NA
AMD Athlon 64 2800+	438	2592	4.38	\$99.99*
AMD Athlon 64 3000+	464	2560	4.26	\$108.95
AMD Athlon 64 3200+	492	2530	3.29	\$149.95*
AMD Athlon 64 3300+	576	2480	NA	NA
AMD Athlon 64 3400+	545	2492	NA	NA
AMD Athlon 64 3500+	540	2498	4.97	\$108.95
AMD Athlon 64 3600+	601	2465	NA	NA
AMD Athlon 64 3700+	598	2467	8.67	\$69.00*
AMD Athlon 64 3800+	589	2470	3.28	\$179.95*
AMD Athlon 64 4000+	608	2460	3.32	\$183.27*
AMD Athlon 64 FX-25	794	2377	NA	NA
AMD Athlon 64 FX-34	380	2656	NA	NA
AMD Athlon 64 FX-51	437	2593	NA	NA
AMD Athlon 64 FX-53	646	2441	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2406	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2402	NA	NA
AMD Athlon 64 FX-59	715	2409	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2095	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1950	NA	NA
AMD Athlon 64 FX-72	1794	1831	NA	NA
AMD Athlon 64 FX-74	1495	1988	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2289	NA	NA
AMD Athlon 64 X2 4200+	1285	2091	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2262	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2283	16.05	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	999	2256	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1044	2228	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	2197	5.49	\$199.95
AMD Athlon 64 X2 Dual Core 4400+	1145	2176	19.10	\$60.00
AMD Athlon 64 X2 Dual Core 4600+	1218	2129	3.39	\$359.95
AMD Athlon 64 X2 Dual Core 4800+	1253	2112	2.73	\$459.95*
AMD Athlon 64 X2 Dual Core 5000+	1314	2070	3.96	\$331.49*

AMD Athlon 64 X2 Dual Core 5200+	Passmark CPU Mark	2035 Rank	9.87 CPU Value	\$139.95 Price (USD)
CPU Name	(Higher is better)	(Lower is better)	(higher is better)	
AMD Athlon 64 X2 Dual Core 5400+	1484	2007	27.57	\$32.99*
AMD Athlon 64 X2 Dual Core 5600+	1484	1992	9.90	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1516	1975	60.68	\$24.99*
AMD Athlon 64 X2 Dual Core 6000+	1603	1937	34.89	\$45.95
AMD Athlon 64 X2 Dual Core 6400+	1787	1834	6.87	\$259.95
AMD Athlon 64 X2 Dual Core BE-230	1095	2201	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2211	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2227	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2353	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2354	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2277	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2333	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	819	2362	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2334	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	925	2311	NA	NA
AMD Athlon 64 X2 QL-60	922	2315	NA	NA
AMD Athlon 64 X2 QL-62	1003	2253	NA	NA
AMD Athlon 64 X2 QL-64	990	2267	NA	NA
AMD Athlon 64 X2 QL-65	1050	2226	NA	NA
AMD Athlon 64 X2 QL-66	947	2298	NA	NA
AMD Athlon 64 X2 QL-67	1006	2250	NA	NA
AMD Athlon 64 X2 TK-55	955	2290	NA	NA
AMD Athlon 64 X2 TK-57	988	2268	NA	NA
AMD Athlon 7450 Dual-Core	1450	2006	NA	NA
AMD Athlon 7550 Dual-Core	1470	1997	24.52	\$60.00*
AMD Athlon 7750 Dual-Core	1570	1951	9.54	\$164.58
AMD Athlon 7850 Dual-Core	1713	1870	8.17	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2772	NA	NA
AMD Athlon Dual Core 4050e	1086	2206	NA	NA
AMD Athlon Dual Core 4450B	1165	2164	37.59	\$31.00*
AMD Athlon Dual Core 4450e	1107	2195	NA	NA
AMD Athlon Dual Core 4850B	1391	2029	NA	NA
AMD Athlon Dual Core 4850e	1314	2071	33.70	\$39.00*
AMD Athlon Dual Core 5000B	1308	2073	13.77	\$95.00*
AMD Athlon Dual Core 5050e	1343	2057	22.39	\$60.00*
AMD Athlon Dual Core 5200B	1316	2069	NA	NA
AMD Athlon Dual Core 5400B	1420	2018	NA	NA
AMD Athlon Dual Core 5600B	1304	2077	NA	NA
AMD Athlon II 160u	560	2487	18.68	\$29.99*
AMD Athlon II 170u	626	2452	20.91	\$29.95*
AMD Athlon II Dual-Core M300	1111	2189	NA	NA
AMD Athlon II Dual-Core M320	1141	2178	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2223	NA	NA
AMD Athlon II N330 Dual-Core	1154	2170	NA	NA
AMD Athlon II N350 Dual-Core	1249	2119	NA	NA
AMD Athlon II N370 Dual-Core	1559	1955	NA	NA
AMD Athlon II Neo K125	473	2554	NA	NA
AMD Athlon II Neo K145	525	2506	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2381	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2345	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2376	NA	NA
AMD Athlon II P320 Dual-Core	1216	2131	40.63	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2117	27.83	\$44.95*
AMD Athlon II P360 Dual-Core	1318	2068	54.94	\$24.00*
AMD Athlon II X2 210e	1486	1991	NA	NA
AMD Athlon II X2 215	1566	1953	130.68	\$11.99*
AMD Athlon II X2 220	1633	1922	50.76	\$32.19
AMD Athlon II X2 225	1526	1968	NA	NA
AMD Athlon II X2 235e	1661	1909	9.13	\$181.88*
AMD Athlon II X2 240	1642	1915	102.70	\$15.99*

AMD Athlon II X2 249e CPU Name	799 Mark (higher is better)	1882 Rank (lower is better)	48.64 CPU-Value (higher is better)	\$34.95 Price (USD)*
AMD Athlon II X2 249e	799	1882	48.64	\$34.95
AMD Athlon II X2 245e	1867	1882	48.64	\$34.95
AMD Athlon II X2 250	1741	1854	44.71	\$38.95
AMD Athlon II X2 250e	1939	1757	25.28	\$76.73*
AMD Athlon II X2 250u	1004	2251	28.74	\$34.95*
AMD Athlon II X2 255	1841	1810	28.24	\$65.22*
AMD Athlon II X2 260	1875	1792	93.83	\$19.99*
AMD Athlon II X2 260u	1107	2194	13.28	\$83.44*
AMD Athlon II X2 265	1892	1783	22.84	\$82.88*
AMD Athlon II X2 270	1975	1739	82.37	\$23.99*
AMD Athlon II X2 270u	1285	2093	18.99	\$67.67*
AMD Athlon II X2 280	2129	1675	21.30	\$99.99*
AMD Athlon II X2 4300e	1483	1993	NA	NA
AMD Athlon II X2 4400e	1632	1924	NA	NA
AMD Athlon II X2 4450e	1504	1982	NA	NA
AMD Athlon II X2 B22	1714	1868	41.13	\$41.69*
AMD Athlon II X2 B24	1778	1837	44.52	\$39.95*
AMD Athlon II X2 B26	1906	1776	54.56	\$34.95
AMD Athlon II X2 B28	2085	1696	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1727	18.70	\$107.43*
AMD Athlon II X3 405e	2000	1729	25.00	\$79.99*
AMD Athlon II X3 415e	2247	1630	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1609	19.68	\$116.15*
AMD Athlon II X3 425	2314	1597	85.74	\$26.99*
AMD Athlon II X3 425e	2239	1637	NA	NA
AMD Athlon II X3 435	2470	1542	82.36	\$29.99*
AMD Athlon II X3 440	2566	1504	95.10	\$26.99*
AMD Athlon II X3 445	2573	1501	28.28	\$91.00*
AMD Athlon II X3 450	2621	1485	68.96	\$38.01
AMD Athlon II X3 455	2767	1439	70.97	\$38.99*
AMD Athlon II X3 460	2864	1409	73.46	\$38.99*
AMD Athlon II X4 553	3814	1127	NA	NA
AMD Athlon II X4 555	3830	1122	NA	NA
AMD Athlon II X4 559	4125	1064	NA	NA
AMD Athlon II X4 600e	2465	1544	18.93	\$130.23*
AMD Athlon II X4 605e	2734	1454	26.86	\$101.80*
AMD Athlon II X4 610e	2790	1432	39.87	\$69.99*
AMD Athlon II X4 615e	2899	1401	49.15	\$59.00*
AMD Athlon II X4 620	2929	1384	48.86	\$59.95
AMD Athlon II X4 620e	2906	1396	NA	NA
AMD Athlon II X4 630	3131	1315	49.74	\$62.95
AMD Athlon II X4 631 Quad-Core	3151	1310	39.39	\$80.00*
AMD Athlon II X4 635	3234	1277	46.24	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1290	120.73	\$26.49*
AMD Athlon II X4 640	3314	1256	41.46	\$79.95
AMD Athlon II X4 6400e	2594	1492	NA	NA
AMD Athlon II X4 641 Quad-Core	3342	1248	36.53	\$91.50*
AMD Athlon II X4 645	3467	1216	43.37	\$79.95
AMD Athlon II X4 650	3482	1213	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3576	1186	20.09	\$178.04*
AMD Athlon II X4 655	2998	1358	NA	NA
AMD Athlon L110	303	2742	NA	NA
AMD Athlon LE-1600	557	2488	26.57	\$21.00*
AMD Athlon LE-1620	578	2478	32.12	\$18.00*
AMD Athlon LE-1640	626	2451	NA	NA
AMD Athlon LE-1660	679	2429	NA	NA
AMD Athlon MP	230	2843	4.20	\$54.95*
AMD Athlon MP 1700+	339	2703	NA	NA
AMD Athlon MP 2400+	436	2594	NA	NA
AMD Athlon MP 2800+	497	2528	NA	NA
AMD Athlon Neo MV-40	410	2617	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2255	NA	NA



AMD Athlon Neo X2 Dual Core L325	Passmark CPU Mark	2380 Rank	NA CPU Value	NA Price
CPU Name	Mark (higher is better)	Rank (lower is better)	Value (higher is better)	Price (USD)
AMD Athlon Neo X2 Dual Core L335		2358	NA	NA
AMD Athlon PRO 200GE	5204	847	NA	NA
AMD Athlon QI-46	473	2553	NA	NA
AMD Athlon TF-20	413	2613	NA	NA
AMD Athlon TF-36	395	2641	NA	NA
AMD Athlon X2 215	1543	1961	NA	NA
AMD Athlon X2 235e	1806	1828	NA	NA
AMD Athlon X2 240	1602	1938	NA	NA
AMD Athlon X2 240e	1670	1899	NA	NA
AMD Athlon X2 250	1696	1885	NA	NA
AMD Athlon X2 255	1627	1926	NA	NA
AMD Athlon X2 280	2303	1603	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1923	1766	38.49	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1629	NA	NA
AMD Athlon X2 440	1424	2016	NA	NA
AMD Athlon X2 Dual Core 3250e	778	2379	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2258	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2316	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2191	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2133	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2115	NA	NA
AMD Athlon X2 Dual Core L310	645	2442	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2248	NA	NA
AMD Athlon X3 425	2191	1654	NA	NA
AMD Athlon X3 435	2574	1500	26.96	\$95.49*
AMD Athlon X3 440	2078	1699	23.62	\$87.99*
AMD Athlon X3 445	2314	1596	NA	NA
AMD Athlon X3 455	2401	1567	NA	NA
AMD Athlon X4 605e	2505	1531	NA	NA
AMD Athlon X4 620	2861	1410	47.74	\$59.95
AMD Athlon X4 635	2891	1403	23.71	\$121.99*
AMD Athlon X4 640	3172	1297	NA	NA
AMD Athlon X4 740 Quad Core	4028	1079	14.54	\$277.00*
AMD Athlon X4 750 Quad Core	4551	975	NA	NA
AMD Athlon X4 750K Quad Core	4269	1037	55.45	\$76.99*
AMD Athlon X4 760K Quad Core	4595	968	109.47	\$41.98*
AMD Athlon X4 830	4701	944	NA	NA
AMD Athlon X4 840	5071	869	64.41	\$78.74*
AMD Athlon X4 845	5410	814	101.83	\$53.13*
AMD Athlon X4 860K	5411	812	40.10	\$134.95
AMD Athlon X4 870K	5320	834	66.52	\$79.99*
AMD Athlon X4 880K	5592	788	55.93	\$99.99*
AMD Athlon X4 950	5248	842	72.27	\$72.62
AMD Athlon XP 1500	282	2784	NA	NA
AMD Athlon XP 1500+	257	2814	NA	NA
AMD Athlon XP 1600+	267	2804	NA	NA
AMD Athlon XP 1700	344	2700	NA	NA
AMD Athlon XP 1700+	271	2800	4.43	\$61.25*
AMD Athlon XP 1800+	300	2749	5.10	\$58.95*
AMD Athlon XP 1900+	312	2733	NA	NA
AMD Athlon XP 2000+	299	2750	12.00	\$24.99*
AMD Athlon XP 2100+	323	2716	NA	NA
AMD Athlon XP 2200+	328	2715	3.87	\$84.95*
AMD Athlon XP 2300+	464	2561	NA	NA
AMD Athlon XP 2400+	360	2683	4.01	\$89.99*
AMD Athlon XP 2500+	355	2687	NA	NA
AMD Athlon XP 2600+	372	2667	16.18	\$23.03*
AMD Athlon XP 2700+	393	2644	4.64	\$84.79*
AMD Athlon XP 2800+	400	2635	NA	NA
AMD Athlon XP 2900+	424	2607	NA	NA
AMD Athlon XP 3000+	402	2631	5.06	\$79.70*

AMD Athlon XP 3100+	Passmark CPU Mark	2598 Rank	NA CPU Value	NA Price
CPU Name	Mark (higher is better)	Rank (lower is better)	Value (higher is better)	(USD)
AMD Athlon XP 3200+		2599	NA	NA
AMD Athlon XP 3400+	570	2484	NA	NA
AMD Athlon XP Pro3+	367	2674	NA	NA
AMD Athlon XP-M	541	2497	15.48	\$34.95*
AMD Athlon XP1600+	281	2785	NA	NA
AMD Athlon XP1900+	353	2690	NA	NA
AMD Athlon XP2100+	287	2774	NA	NA
AMD Athlon XP2200+	401	2633	NA	NA
AMD Athlon XP2400+	374	2663	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	2193	NA	NA
AMD C-30	310	2735	NA	NA
AMD C-50	462	2563	NA	NA
AMD C-60	466	2557	NA	NA
AMD C-60 APU	544	2493	NA	NA
AMD C-70 APU	557	2489	NA	NA
AMD E-240	319	2722	NA	NA
AMD E-300 APU	610	2459	NA	NA
AMD E-350	745	2397	NA	NA
AMD E-350 APU	757	2390	NA	NA
AMD E-350D APU	726	2404	NA	NA
AMD E-450 APU	766	2384	NA	NA
AMD E1 Micro-6200T APU	960	2286	NA	NA
AMD E1-1200 APU	654	2439	NA	NA
AMD E1-1500 APU	688	2424	NA	NA
AMD E1-2100 APU	641	2447	NA	NA
AMD E1-2200 APU	767	2383	NA	NA
AMD E1-2500 APU	890	2331	NA	NA
AMD E1-6010 APU	869	2337	NA	NA
AMD E1-6015 APU	900	2326	NA	NA
AMD E1-7010 APU	1012	2246	NA	NA
AMD E2-1800 APU	815	2363	NA	NA
AMD E2-2000 APU	825	2359	NA	NA
AMD E2-3000 APU	1121	2181	NA	NA
AMD E2-3000M APU	1097	2199	54.85	\$20.00*
AMD E2-3200 APU	1380	2036	172.79	\$7.99*
AMD E2-3800 APU	1641	1916	NA	NA
AMD E2-6110 APU	1912	1774	NA	NA
AMD E2-7110 APU	2287	1608	NA	NA
AMD E2-9000	1649	1913	NA	NA
AMD E2-9000e	1344	2056	NA	NA
AMD E2-9010	1705	1876	NA	NA
AMD E2-9030	1515	1977	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1842	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1693	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2508	1528	NA	NA
AMD Embedded R-Series RX-216GD	2409	1563	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	871	NA	NA
AMD Embedded R-Series RX-421BD	4635	958	NA	NA
AMD EPYC 3201	9634	384	NA	NA
AMD EPYC 7251 8-Core	11811	255	26.01	\$454.18
AMD EPYC 7301	14978	163	22.01	\$680.62
AMD EPYC 7351	18081	97	14.36	\$1,259.55
AMD EPYC 7351P	14887	165	27.68	\$537.74
AMD EPYC 7371	22071	43	NA	NA
AMD EPYC 7401P	20221	65	18.81	\$1,075.00
AMD EPYC 7501	18942	86	9.19	\$2,060.86
AMD EPYC 7502P	23465	33	10.20	\$2,300.00*



AMD EPYC 7551	Passmark CPU	89	6.40	\$2,887.00
AMD EPYC 7511P	Mark	92	CPU Value	Price
AMD EPYC 7571	(higher is better)	(lower is better)	(higher is better)	(USD)
		59	NA	NA
AMD FirePro A320 APU	4540	981	NA	NA
AMD FX-4100 Quad-Core	4073	1073	26.55	\$153.45*
AMD FX-4130 Quad-Core	4164	1055	54.80	\$75.99*
AMD FX-4150 Quad-Core	4594	969	NA	NA
AMD FX-4170 Quad-Core	4868	913	48.69	\$99.99*
AMD FX-4200 Quad-Core	4260	1040	18.67	\$228.21*
AMD FX-4300 Quad-Core	4694	946	52.18	\$89.96
AMD FX-4320	4993	889	NA	NA
AMD FX-4330	5321	833	NA	NA
AMD FX-4350 Quad-Core	5338	828	12.42	\$430.00
AMD FX-6100 Six-Core	5405	817	20.95	\$258.00
AMD FX-6120 Six-Core	5751	770	NA	NA
AMD FX-6130 Six-Core	6215	717	NA	NA
AMD FX-6200 Six-Core	6110	729	17.97	\$339.95
AMD FX-6300 Six-Core	6405	701	25.51	\$251.08
AMD FX-6330 Six-Core	6954	644	NA	NA
AMD FX-6350 Six-Core	7017	636	42.03	\$166.99
AMD FX-670K Quad-Core	4550	976	NA	NA
AMD FX-7500 APU	3207	1286	NA	NA
AMD FX-7600P	4050	1075	NA	NA
AMD FX-7600P APU	4627	960	NA	NA
AMD FX-770K Quad-Core	4812	926	NA	NA
AMD FX-8100 Eight-Core	5964	743	42.00	\$142.00*
AMD FX-8120 Eight-Core	6643	679	29.83	\$222.73*
AMD FX-8140 Eight-Core	6133	726	NA	NA
AMD FX-8150 Eight-Core	7659	581	76.63	\$99.95
AMD FX-8300 Eight-Core	7762	569	17.50	\$443.54
AMD FX-8310 Eight-Core	7731	573	NA	NA
AMD FX-8320 Eight-Core	8036	535	53.94	\$149.00
AMD FX-8320E Eight-Core	7574	588	69.48	\$109.01
AMD FX-8350 Eight-Core	8955	453	47.86	\$187.11
AMD FX-8370 Eight-Core	9044	441	18.20	\$497.00
AMD FX-8370E Eight-Core	7854	556	59.51	\$132.00
AMD FX-870K Quad Core	5021	884	NA	NA
AMD FX-8800P	4145	1059	NA	NA
AMD FX-9370 Eight-Core	9467	398	15.57	\$608.00
AMD FX-9590 Eight-Core	10190	330	50.97	\$199.95
AMD FX-9800P	3963	1096	NA	NA
AMD FX-9830P	4773	934	NA	NA
AMD FX-B4150 Quad-Core	4611	965	NA	NA
AMD G-T40E	467	2556	NA	NA
AMD G-T40N	516	2515	NA	NA
AMD G-T40R	203	2870	NA	NA
AMD G-T44R	229	2844	NA	NA
AMD G-T48E	667	2434	NA	NA
AMD G-T52R	308	2737	NA	NA
AMD G-T56E	751	2392	NA	NA
AMD G-T56N	795	2374	NA	NA
AMD Geode NX	264	2807	NA	NA
AMD Geode NX 1750	291	2763	NA	NA
AMD GX-210JA SOC	401	2634	NA	NA
AMD GX-212JC SOC	744	2398	NA	NA
AMD GX-217GA SOC	1107	2196	NA	NA
AMD GX-218GL SOC	1207	2137	NA	NA
AMD GX-222GC SOC	1255	2111	NA	NA
AMD GX-412HC	1497	1987	NA	NA
AMD GX-415GA SOC	1944	1756	NA	NA
AMD GX-420CA SOC	2412	1562	NA	NA
AMD GX-424CC SOC	2491	1536	NA	NA

AMD K7	Passmark CPU	2628	NA	NA
CPU Name on 1210	Mark	Rank	CPU Value	Price
AMD Opteron 1210 HE	(higher is better)	(lower is better)	(higher is better)	(USD)
AMD Opteron 1212	1009	2249	3.48	\$290.00*
AMD Opteron 1212 HE	1308	2074	NA	NA
AMD Opteron 1214	1191	2145	4.11	\$290.00*
AMD Opteron 1214 HE	1299	2079	NA	NA
AMD Opteron 1216	1311	2072	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2157	NA	NA
AMD Opteron 1218	1468	1999	NA	NA
AMD Opteron 1218 HE	1444	2008	NA	NA
AMD Opteron 1220	1653	1912	NA	NA
AMD Opteron 1222	1757	1844	NA	NA
AMD Opteron 1352	2316	1595	17.04	\$135.99*
AMD Opteron 1354	2630	1481	19.49	\$135.00*
AMD Opteron 1356	2765	1441	30.73	\$89.99*
AMD Opteron 1381	3065	1338	NA	NA
AMD Opteron 140	396	2639	0.62	\$640.00
AMD Opteron 142	428	2603	NA	NA
AMD Opteron 144	486	2538	7.48	\$65.00*
AMD Opteron 146	532	2501	8.87	\$59.99*
AMD Opteron 148	603	2464	NA	NA
AMD Opteron 150	604	2462	NA	NA
AMD Opteron 152	658	2436	NA	NA
AMD Opteron 154	703	2417	NA	NA
AMD Opteron 165	899	2328	1.63	\$550.00
AMD Opteron 170	1097	2198	NA	NA
AMD Opteron 175	1167	2163	NA	NA
AMD Opteron 180	1236	2122	9.51	\$129.95*
AMD Opteron 185	1342	2058	NA	NA
AMD Opteron 2212	1270	2105	63.53	\$20.00*
AMD Opteron 2214	1358	2051	46.85	\$29.00*
AMD Opteron 2214 HE	1415	2021	NA	NA
AMD Opteron 2216	1518	1974	58.84	\$25.80
AMD Opteron 2218	1594	1943	19.94	\$79.95
AMD Opteron 2220	1701	1880	21.29	\$79.95
AMD Opteron 2220 SE	1398	2025	55.92	\$25.00*
AMD Opteron 2222	1843	1808	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1769	NA	NA
AMD Opteron 2350	2820	1421	35.28	\$79.95
AMD Opteron 2354	2450	1550	7.38	\$332.03*
AMD Opteron 2356	2814	1424	54.12	\$52.00*
AMD Opteron 2373 EE	2789	1435	NA	NA
AMD Opteron 2374 HE	2951	1373	15.53	\$189.99*
AMD Opteron 2376	2283	1610	13.69	\$166.81*
AMD Opteron 2378	3179	1295	17.76	\$179.00*
AMD Opteron 2380	2640	1479	58.69	\$45.00
AMD Opteron 2384	3538	1197	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1198	NA	NA
AMD Opteron 2393 SE	2246	1631	NA	NA
AMD Opteron 2427	3069	1336	38.39	\$79.95
AMD Opteron 2431	4516	984	112.91	\$40.00*
AMD Opteron 2435	4708	943	24.91	\$189.00*
AMD Opteron 246	632	2450	31.62	\$19.99*
AMD Opteron 248	476	2550	4.77	\$99.95
AMD Opteron 250	649	2440	59.01	\$11.00*
AMD Opteron 252	760	2388	12.00	\$63.36*
AMD Opteron 254	693	2422	NA	NA
AMD Opteron 256	963	2281	50.72	\$19.00*
AMD Opteron 265	963	2282	13.20	\$73.00
AMD Opteron 270	1170	2159	1.93	\$607.47*

AMD Opteron 235 CPU Name	Passmark CPU Mark 1470 (higher is better)	2085 Rank (lower is better)	15.74 CPU Value (higher is better)	\$82.05 Price \$67* (USD)
AMD Opteron 290	1464	2000	10.85	\$135.00*
AMD Opteron 3250 HE	2942	1377	29.73	\$99.00*
AMD Opteron 3260 HE	3259	1267	NA	NA
AMD Opteron 3280	5403	818	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1468	NA	NA
AMD Opteron 3350 HE	4105	1066	NA	NA
AMD Opteron 3365	6088	735	NA	NA
AMD Opteron 3380	6384	703	7.89	\$809.00*
AMD Opteron 4122	2942	1378	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1300	NA	NA
AMD Opteron 4170 HE	3664	1167	62.11	\$59.00*
AMD Opteron 4184	4418	1005	8.50	\$519.95*
AMD Opteron 4280	6430	697	128.60	\$50.00
AMD Opteron 4284	6660	677	111.03	\$59.99*
AMD Opteron 4332 HE	5614	783	NA	NA
AMD Opteron 4334	6099	732	28.18	\$216.42*
AMD Opteron 4365 EE	5025	883	NA	NA
AMD Opteron 4386	6761	663	48.30	\$139.99*
AMD Opteron 6128	4505	987	237.24	\$18.99
AMD Opteron 6134	2938	1379	66.81	\$43.99*
AMD Opteron 6136	4631	959	42.10	\$110.00*
AMD Opteron 6164 HE	5351	826	NA	NA
AMD Opteron 6172	5261	839	26.57	\$198.00*
AMD Opteron 6174	6171	721	77.19	\$79.95
AMD Opteron 6176 SE	5465	807	34.37	\$159.00*
AMD Opteron 6212	5776	765	192.62	\$29.99*
AMD Opteron 6220	6785	659	113.11	\$59.99*
AMD Opteron 6234	5938	746	198.27	\$29.95*
AMD Opteron 6238	7673	579	21.32	\$359.89*
AMD Opteron 6272	6748	667	96.42	\$69.99
AMD Opteron 6274	4865	915	108.15	\$44.99
AMD Opteron 6276	8889	461	52.60	\$169.00
AMD Opteron 6282 SE	9116	429	14.24	\$640.00
AMD Opteron 6287 SE	9789	370	NA	NA
AMD Opteron 6328	7813	562	13.13	\$595.00
AMD Opteron 6366 HE	7503	592	250.19	\$29.99*
AMD Opteron 6376	9212	421	141.72	\$65.00
AMD Opteron 6378	9094	432	47.87	\$190.00
AMD Opteron 6380	10081	339	170.88	\$59.00
AMD Opteron 6386 SE	10912	287	75.26	\$144.99
AMD Opteron 8354	2255	1627	93.98	\$24.00
AMD Opteron 8439 SE	3813	1128	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1339	NA	NA
AMD Opteron X3216 APU	2366	1582	NA	NA
AMD Opteron X3418 APU	4659	951	NA	NA
AMD Opteron X3421 APU	4928	903	NA	NA
AMD Phenom 2 X4 12000	3005	1355	NA	NA
AMD Phenom 7950 Quad-Core	2991	1361	NA	NA
AMD Phenom 8250 Triple-Core	1668	1900	NA	NA
AMD Phenom 8250e Triple-Core	1635	1921	34.81	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1923	NA	NA
AMD Phenom 8450 Triple-Core	1889	1787	63.09	\$29.95*
AMD Phenom 8450e Triple-Core	2026	1720	NA	NA
AMD Phenom 8600 Triple-Core	1673	1897	31.57	\$52.99*
AMD Phenom 8600B Triple-Core	1924	1764	36.33	\$52.99*
AMD Phenom 8650 Triple-Core	1989	1732	39.80	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1709	NA	NA
AMD Phenom 8750B Triple-Core	2034	1715	NA	NA
AMD Phenom 8850 Triple-Core	1968	1743	NA	NA
AMD Phenom 8850B Triple-Core	2080	1698	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	1817 Rank (lower is better)	45.89 CPU Value (higher is better)	\$39.95* Price (USD)
AMD Phenom 9100e Quad-Core	1823	1817	45.89	\$39.95*
AMD Phenom 9150e Quad-Core	2320	1682	52.91	\$38.95*
AMD Phenom 9350e Quad-Core	2320	1594	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1490	24.76	\$105.00*
AMD Phenom 9500 Quad-Core	2203	1649	75.99	\$28.99*
AMD Phenom 9550 Quad-Core	2544	1515	87.76	\$28.99*
AMD Phenom 9600 Quad-Core	2303	1602	46.11	\$49.95*
AMD Phenom 9600B Quad-Core	2573	1502	17.48	\$147.19*
AMD Phenom 9650 Quad-Core	2635	1480	58.63	\$44.95*
AMD Phenom 9750 Quad-Core	2810	1426	46.89	\$59.95
AMD Phenom 9750B Quad-Core	2709	1460	NA	NA
AMD Phenom 9850 Quad-Core	2887	1405	24.07	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1307	NA	NA
AMD Phenom 9950 Quad-Core	3009	1352	22.29	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1523	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1375	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1174	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1210	NA	NA
AMD Phenom II N620 Dual-Core	1684	1890	422.27	\$3.99*
AMD Phenom II N640 Dual-Core	1721	1862	26.51	\$64.95*
AMD Phenom II N660 Dual-Core	1844	1807	18.63	\$99.00*
AMD Phenom II N830 3+1	2652	1474	NA	NA
AMD Phenom II N830 Triple-Core	1890	1786	NA	NA
AMD Phenom II N850 Triple-Core	1937	1758	77.51	\$25.00*
AMD Phenom II N870 Triple-Core	1999	1730	NA	NA
AMD Phenom II N930 Quad-Core	2274	1615	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1540	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2515	1525	16.77	\$149.99*
AMD Phenom II P650 Dual-Core	1579	1948	45.12	\$35.00*
AMD Phenom II P820 Triple-Core	1602	1939	NA	NA
AMD Phenom II P840 Triple-Core	1709	1872	NA	NA
AMD Phenom II P860 Triple-Core	1756	1846	NA	NA
AMD Phenom II P920 Quad-Core	1866	1796	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1831	1819	NA	NA
AMD Phenom II P960 Quad-Core	2085	1694	74.48	\$28.00*
AMD Phenom II X2 511	2104	1688	NA	NA
AMD Phenom II X2 521	2071	1701	NA	NA
AMD Phenom II X2 545	1918	1770	43.62	\$43.98*
AMD Phenom II X2 550	2022	1721	40.46	\$49.99*
AMD Phenom II X2 555	2041	1712	72.98	\$27.98*
AMD Phenom II X2 560	2061	1705	31.71	\$64.99*
AMD Phenom II X2 565	2225	1643	74.21	\$29.99*
AMD Phenom II X2 570	2068	1704	NA	NA
AMD Phenom II X2 B53	1709	1873	NA	NA
AMD Phenom II X2 B55	1921	1768	40.02	\$48.00*
AMD Phenom II X2 B57	1823	1822	NA	NA
AMD Phenom II X2 B59	2118	1679	48.11	\$44.04
AMD Phenom II X3 700e	2242	1635	NA	NA
AMD Phenom II X3 705e	2227	1640	14.63	\$152.34*
AMD Phenom II X3 710	2447	1551	28.96	\$84.53*
AMD Phenom II X3 715	2649	1478	31.17	\$84.99*
AMD Phenom II X3 720	2668	1470	38.13	\$69.99*
AMD Phenom II X3 740	2985	1362	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1452	36.47	\$75.00*
AMD Phenom II X3 B75	2907	1393	72.71	\$39.99*
AMD Phenom II X3 B77	3067	1337	137.64	\$22.29*
AMD Phenom II X4 805	2998	1357	17.23	\$173.99*
AMD Phenom II X4 810	3121	1320	26.91	\$115.99*
AMD Phenom II X4 820	3396	1232	45.31	\$74.95*
AMD Phenom II X4 830	3434	1223	43.47	\$79.00
AMD Phenom II X4 840	3508	1206	39.00	\$89.95*
AMD Phenom II X4 840T	3597	1180	51.41	\$69.99*

AMD Phenom II X4 850	549	1190	54.62	\$64.99*
CPU Name	Benchmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 8700e	2882	1407	NA	NA
AMD Phenom II X4 900e	2882	1407	NA	NA
AMD Phenom II X4 905e	3080	1333	57.06	\$53.99*
AMD Phenom II X4 910	3247	1273	32.48	\$100.00*
AMD Phenom II X4 910e	3254	1270	20.73	\$156.99*
AMD Phenom II X4 920	3390	1234	42.39	\$79.99
AMD Phenom II X4 925	3415	1226	77.65	\$43.99*
AMD Phenom II X4 940	3591	1183	60.53	\$59.34*
AMD Phenom II X4 945	3653	1171	53.64	\$68.11*
AMD Phenom II X4 955	3919	1108	30.11	\$130.16*
AMD Phenom II X4 960T	3777	1135	59.03	\$63.99*
AMD Phenom II X4 965	4180	1053	24.73	\$169.01
AMD Phenom II X4 970	4317	1029	29.15	\$148.11*
AMD Phenom II X4 973	3759	1142	NA	NA
AMD Phenom II X4 975	4453	995	31.88	\$139.69*
AMD Phenom II X4 977	3750	1146	NA	NA
AMD Phenom II X4 980	4490	992	19.52	\$229.99*
AMD Phenom II X4 B05e	2792	1431	NA	NA
AMD Phenom II X4 B15e	2736	1451	NA	NA
AMD Phenom II X4 B25	3297	1260	NA	NA
AMD Phenom II X4 B35	3383	1238	NA	NA
AMD Phenom II X4 B40	3352	1243	NA	NA
AMD Phenom II X4 B45	3467	1215	NA	NA
AMD Phenom II X4 B50	3697	1160	NA	NA
AMD Phenom II X4 B55	3853	1116	NA	NA
AMD Phenom II X4 B60	4034	1078	NA	NA
AMD Phenom II X4 B65	4172	1054	NA	NA
AMD Phenom II X4 B70	4261	1039	NA	NA
AMD Phenom II X4 B93	3345	1245	NA	NA
AMD Phenom II X4 B95	3677	1164	50.41	\$72.95*
AMD Phenom II X4 B97	3868	1113	67.87	\$56.99*
AMD Phenom II X4 B99	4130	1063	NA	NA
AMD Phenom II X6 1035T	4665	948	24.68	\$189.00*
AMD Phenom II X6 1045T	4801	930	44.45	\$108.01
AMD Phenom II X6 1055T	4968	894	61.92	\$80.24*
AMD Phenom II X6 1065T	5034	881	NA	NA
AMD Phenom II X6 1075T	5333	830	47.20	\$112.99*
AMD Phenom II X6 1090T	5565	794	36.13	\$154.04*
AMD Phenom II X6 1100T	5709	773	32.17	\$177.49*
AMD Phenom II X6 1405T	5042	879	NA	NA
AMD Phenom II X620 Dual-Core	2189	1655	NA	NA
AMD Phenom II X640 Dual-Core	2021	1722	NA	NA
AMD Phenom II X920 Quad-Core	2650	1477	NA	NA
AMD Phenom II X940 Quad-Core	2695	1462	NA	NA
AMD Phenom Ultra X4 24500	3945	1100	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1883	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1648	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1851	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2151	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	2011	NA	NA
AMD Phenom X3 8550	1929	1762	11.35	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1843	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1731	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1638	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1402	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1459	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1464	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2134	NA	NA
AMD PRO A10-8700B	3562	1189	NA	NA
AMD PRO A10-8730B	3971	1090	NA	NA

AMD PRO A10-8750B CPU Name	5767 Bmark CPU Mark 5035 (higher is better)	893 Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
AMD PRO A10-8770E				
AMD PRO A10-8850B	5852	754	NA	NA
AMD PRO A10-9700	5677	776	33.59	\$169.00*
AMD PRO A10-9700B	4380	1011	NA	NA
AMD PRO A10-9700E	5066	873	36.45	\$139.00*
AMD PRO A12-8800B	4111	1065	NA	NA
AMD PRO A12-8830B	4315	1030	NA	NA
AMD PRO A12-8870	6067	738	NA	NA
AMD PRO A12-8870E	5186	853	NA	NA
AMD PRO A12-9800	6132	727	36.29	\$169.00*
AMD PRO A12-9800B	4089	1070	NA	NA
AMD PRO A12-9800E	4769	935	28.22	\$169.00*
AMD PRO A4-3350B APU	2274	1617	NA	NA
AMD PRO A4-8350B	2776	1437	NA	NA
AMD PRO A6-7350B	2759	1444	NA	NA
AMD PRO A6-8500B	2516	1524	NA	NA
AMD PRO A6-8530B	2388	1572	NA	NA
AMD PRO A6-8550B	2970	1369	NA	NA
AMD PRO A6-8570	3049	1345	NA	NA
AMD PRO A6-8570E	2824	1420	NA	NA
AMD PRO A6-9500	2950	1374	39.88	\$74.00*
AMD PRO A6-9500B	2076	1700	NA	NA
AMD PRO A6-9500E	2717	1457	36.73	\$74.00*
AMD PRO A8-8600B	3513	1204	NA	NA
AMD PRO A8-8650B	5250	841	NA	NA
AMD PRO A8-8670E	5015	885	NA	NA
AMD PRO A8-9600	5277	836	44.35	\$119.00*
AMD PRO A8-9600B	3964	1093	NA	NA
AMD QC-4000	1663	1906	NA	NA
AMD R-260H APU	1576	1949	NA	NA
AMD R-460L APU	1954	1749	NA	NA
AMD R-464L APU	3117	1322	NA	NA
AMD RX-427BB	4351	1017	NA	NA
AMD Ryzen 3 1200	6783	660	113.08	\$59.99
AMD Ryzen 3 1300X	7572	589	47.06	\$160.90
AMD Ryzen 3 2200G	7324	611	91.57	\$79.99
AMD Ryzen 3 2200GE	6976	640	NA	NA
AMD Ryzen 3 2200U	4585	971	NA	NA
AMD Ryzen 3 2300U	6103	731	NA	NA
AMD Ryzen 3 2300X	8448	498	NA	NA
AMD Ryzen 3 3200G	7861	553	79.41	\$99.00
AMD Ryzen 3 3200U	4792	931	NA	NA
AMD Ryzen 3 3300U	5103	863	NA	NA
AMD Ryzen 3 PRO 1200	7075	632	NA	NA
AMD Ryzen 3 PRO 1300	8022	539	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	861	NA	NA
AMD Ryzen 3 PRO 2200G	8045	532	NA	NA
AMD Ryzen 3 PRO 2200GE	7613	585	NA	NA
AMD Ryzen 3 PRO 2300U	7092	630	NA	NA
AMD Ryzen 3 PRO 3200GE	8147	522	NA	NA
AMD Ryzen 3 PRO 3300U	6888	654	NA	NA
AMD Ryzen 5 1400	8368	505	64.40	\$129.95
AMD Ryzen 5 1500X	10116	337	71.74	\$141.01
AMD Ryzen 5 1600	12277	242	108.74	\$112.91
AMD Ryzen 5 1600X	13194	215	89.76	\$146.99
AMD Ryzen 5 2400G	9320	410	78.21	\$119.18
AMD Ryzen 5 2400GE	8787	467	NA	NA
AMD Ryzen 5 2500U	7353	608	NA	NA
AMD Ryzen 5 2500X	9881	359	NA	NA
AMD Ryzen 5 2600	13533	206	104.86	\$129.06
AMD Ryzen 5 2600H	8366	506	NA	NA



AMD Ryzen 5 2600X	Passmark CPU Mark	180 Rank	98.14 CPU Value	\$146.40 Price (USD)
CPU Name	Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 3400G	7995	542	NA	NA
AMD Ryzen 5 3500U				
AMD Ryzen 5 3550H	8487	494	NA	NA
AMD Ryzen 5 3600	19980	67	102.52	\$194.89
AMD Ryzen 5 3600X	20455	62	85.59	\$239.00
AMD Ryzen 5 PRO 1500	10133	335	NA	NA
AMD Ryzen 5 PRO 1600	12213	246	NA	NA
AMD Ryzen 5 PRO 2400G	9954	353	NA	NA
AMD Ryzen 5 PRO 2400GE	8529	491	NA	NA
AMD Ryzen 5 PRO 2500U	8257	514	NA	NA
AMD Ryzen 5 PRO 2600	14221	185	NA	NA
AMD Ryzen 5 PRO 3500U	8465	496	NA	NA
AMD Ryzen 5 PRO 3600	21037	58	NA	NA
AMD Ryzen 7 1700	13925	190	58.03	\$239.99
AMD Ryzen 7 1700X	14812	167	90.34	\$163.95
AMD Ryzen 7 1800X	15533	150	59.75	\$259.99
AMD Ryzen 7 2700	15087	160	82.01	\$183.97
AMD Ryzen 7 2700U	7403	604	NA	NA
AMD Ryzen 7 2700X	16980	112	67.66	\$250.96
AMD Ryzen 7 2800H	8498	493	NA	NA
AMD Ryzen 7 3700U	8066	529	NA	NA
AMD Ryzen 7 3700X	23899	31	62.90	\$379.95
AMD Ryzen 7 3750H	9062	437	NA	NA
AMD Ryzen 7 3800X	24565	24	61.57	\$399.00
AMD Ryzen 7 PRO 1700	14112	186	NA	NA
AMD Ryzen 7 PRO 1700X	15324	155	NA	NA
AMD Ryzen 7 PRO 2700	15406	154	NA	NA
AMD Ryzen 7 PRO 2700U	8801	465	NA	NA
AMD Ryzen 7 PRO 2700X	17161	109	NA	NA
AMD Ryzen 7 PRO 3700U	8405	503	NA	NA
AMD Ryzen 9 3900X	31874	2	63.42	\$502.58
AMD Ryzen Embedded R1505G	4889	911	NA	NA
AMD Ryzen Embedded V1202B	4368	1013	NA	NA
AMD Ryzen Embedded V1605B	6946	648	NA	NA
AMD Ryzen Embedded V1807B	8604	487	NA	NA
AMD Ryzen Threadripper 1900X	16125	136	76.79	\$209.99
AMD Ryzen Threadripper 1920X	19953	68	95.02	\$209.99
AMD Ryzen Threadripper 1950X	21940	44	51.03	\$429.99
AMD Ryzen Threadripper 2920X	22214	42	58.84	\$377.53
AMD Ryzen Threadripper 2950X	25487	17	39.36	\$647.60
AMD Ryzen Threadripper 2970WX	21620	48	23.12	\$934.99
AMD Ryzen Threadripper 2990WX	23158	36	13.68	\$1,693.24
AMD Ryzen Threadripper 2990X	19227	84	NA	NA
AMD Sempron 130	700	2418	28.03	\$24.99*
AMD Sempron 140	738	2400	18.64	\$39.59*
AMD Sempron 145	809	2371	8.52	\$94.92
AMD Sempron 150	747	2394	16.64	\$44.95*
AMD Sempron 200U	267	2803	3.08	\$87.00*
AMD Sempron 2100+	392	2648	NA	NA
AMD Sempron 210U	391	2650	NA	NA
AMD Sempron 2200+	282	2783	9.42	\$29.99*
AMD Sempron 2300+	318	2724	7.07	\$45.00*
AMD Sempron 240	2110	1685	36.39	\$58.00
AMD Sempron 2400+	314	2731	12.10	\$26.00*
AMD Sempron 2500+	335	2706	6.11	\$54.95*
AMD Sempron 2600+	374	2662	10.71	\$34.95
AMD Sempron 2650 APU	947	2297	17.66	\$53.68
AMD Sempron 2800+	383	2654	6.40	\$59.95
AMD Sempron 3000+	408	2621	20.41	\$20.00
AMD Sempron 3100+	452	2574	7.53	\$60.00*
AMD Sempron 3200+	406	2622	3.10	\$131.22*



AMD Sempron 3300+	Passmark CPU Mark (higher is better)	2543 Rank (lower is better)	8.07 CPU Value (higher is better)	\$60.00 Price (USD)
AMD Sempron 3400+	2572	2572	11.37	\$39.98
AMD Sempron 3500+	2657	2657	18.98	\$20.00*
AMD Sempron 3600+	483	2545	40.30	\$12.00*
AMD Sempron 3800+	554	2490	3.62	\$152.92*
AMD Sempron 3850 APU	1715	1867	23.54	\$72.90
AMD Sempron Dual Core 2100	936	2304	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2261	NA	NA
AMD Sempron Dual Core 2300	982	2269	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2294	NA	NA
AMD Sempron Dual Core 4900	1081	2212	NA	NA
AMD Sempron LE-1100	438	2591	NA	NA
AMD Sempron LE-1150	444	2582	NA	NA
AMD Sempron LE-1200	528	2504	NA	NA
AMD Sempron LE-1250	543	2495	5.44	\$99.95*
AMD Sempron LE-1300	598	2466	28.51	\$21.00
AMD Sempron LE-1600	535	2500	NA	NA
AMD Sempron LE-1620	635	2448	NA	NA
AMD Sempron LE-1640	759	2389	NA	NA
AMD Sempron LE-250	490	2532	NA	NA
AMD Sempron M100	566	2486	47.17	\$12.00*
AMD Sempron M120	582	2475	NA	NA
AMD Sempron SI-40	443	2584	36.93	\$12.00*
AMD Sempron SI-42	456	2571	15.22	\$30.01*
AMD Sempron X2 180	1391	2028	20.05	\$69.40*
AMD Sempron X2 190	1534	1966	18.39	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	2022	NA	NA
AMD Turion 64 Mobile MK-36	465	2558	NA	NA
AMD Turion 64 Mobile MK-38	513	2516	NA	NA
AMD Turion 64 Mobile ML-28	390	2651	NA	NA
AMD Turion 64 Mobile ML-30	402	2632	NA	NA
AMD Turion 64 Mobile ML-32	402	2630	NA	NA
AMD Turion 64 Mobile ML-34	425	2606	NA	NA
AMD Turion 64 Mobile ML-37	442	2585	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2510	NA	NA
AMD Turion 64 Mobile ML-42	615	2457	NA	NA
AMD Turion 64 Mobile ML-44	591	2468	NA	NA
AMD Turion 64 Mobile MT-28	419	2608	NA	NA
AMD Turion 64 Mobile MT-30	378	2658	NA	NA
AMD Turion 64 Mobile MT-32	426	2605	NA	NA
AMD Turion 64 Mobile MT-34	429	2601	NA	NA
AMD Turion 64 Mobile MT-37	484	2542	NA	NA
AMD Turion 64 Mobile MT-40	536	2499	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2396	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2385	NA	NA
AMD Turion 64 X2 Mobile TL-56	891	2330	63.89	\$13.95*
AMD Turion 64 X2 Mobile TL-58	947	2299	NA	NA
AMD Turion 64 X2 Mobile TL-60	996	2260	62.48	\$15.95*
AMD Turion 64 X2 Mobile TL-62	1087	2204	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1090	2203	27.69	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2177	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2165	12.92	\$90.00*
AMD Turion Dual-Core RM-70	912	2321	36.49	\$25.00*
AMD Turion Dual-Core RM-72	860	2340	21.52	\$39.99*
AMD Turion Dual-Core RM-74	1016	2244	NA	NA
AMD Turion Dual-Core RM-75	1003	2254	36.53	\$27.46*
AMD Turion II Dual-Core Mobile M500	1293	2083	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2076	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	2061	NA	NA
AMD Turion II N530 Dual-Core	1583	1947	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1969	NA	NA
AMD Turion II Neo K625 Dual-Core	977	2271	NA	NA

CPU Name	PassMark CPU Mark (higher is better)	PassMark CPU Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
AMD Turion II Neo K685 Dual-Core	2386	2149	NA	NA
AMD Turion II Neo N40L Dual-Core	1384	2309	NA	NA
AMD Turion II Neo N54L Dual-Core	1384	2044	NA	NA
AMD Turion II P520 Dual-Core	1360	2048	NA	NA
AMD Turion II P540 Dual-Core	1430	2015	28.65	\$49.95*
AMD Turion II P560 Dual-Core	1515	1976	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	2023	52.55	\$26.76*
AMD Turion II Ultra Dual-Core Mobile M620	1435	2012	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1670	1898	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1967	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2367	NA	NA
AMD Turion X2 Dual Core L510	923	2313	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2342	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2221	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	991	2265	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2208	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2220	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1120	2182	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2172	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1023	2238	16.51	\$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2210	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2136	63.72	\$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2123	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	2082	23.58	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1216	2132	30.44	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2259	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2235	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	2002	NA	NA
AMD V105	299	2751	NA	NA
AMD V120	623	2455	NA	NA
AMD V140	643	2445	12.89	\$49.95*
AMD V160	677	2430	NA	NA
AMD Z-01	523	2509	NA	NA
AMD Z-60 APU	500	2527	NA	NA
AMD-K6 3D	90	2927	NA	NA
AMD-K6-III	108	2924	NA	NA
AMD-K7	403	2629	NA	NA
Athlon 64 Dual Core 3800+	1234	2124	NA	NA
Athlon 64 Dual Core 4200+	1156	2169	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	2041	NA	NA
Athlon 64 Dual Core 5000+	1507	1981	NA	NA
Athlon 64 Dual Core 5400+	1614	1931	NA	NA
Athlon 64 Dual Core 5600+	1548	1958	NA	NA
Athlon Dual Core 4050e	968	2278	NA	NA
Athlon Dual Core 4450e	1204	2139	NA	NA
Athlon Dual Core 4850e	1346	2054	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1414	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1085	2207	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1170	2158	27.88	\$42.00
Celeron Dual-Core T3300 @ 2.00GHz	1201	2142	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	2101	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2138	NA	NA
HP Hexa-Core 2.0GHz	2178	1656	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2344	NA	NA
Intel 1400 @ 1.83GHz	980	2270	NA	NA
Intel 1500 @ 2.00GHz	1024	2236	NA	NA
Intel 2.80GHz	525	2507	NA	NA
Intel Atom 230 @ 1.60GHz	307	2738	NA	NA
Intel Atom 330 @ 1.60GHz	587	2472	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2329	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2285	NA	NA

Intel Atom CPU Name	2005 Mark 2169 (higher is better)	1695 Rank (lower is better)	20.05 CPU Value (higher is better)	\$104.00* Price (USD)
Intel Atom C2538 @ 2.40GHz				
Intel Atom C2550 @ 2.40GHz				
Intel Atom C2558 @ 2.40GHz				
Intel Atom C2750 @ 2.40GHz	3768	1137	16.24	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1246	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1304	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1548	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1516	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	921	14.62	\$332.00*
Intel Atom C3958 @ 2.00GHz	6586	684	14.67	\$449.00*
Intel Atom D2500 @ 1.86GHz	403	2627	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2428	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2410	NA	NA
Intel Atom D2700 @ 2.13GHz	839	2352	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2407	NA	NA
Intel Atom D410 @ 1.66GHz	301	2747	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2699	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	657	2438	6.76	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2413	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2712	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2477	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2533	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2348	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2166	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	1983	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1795	NA	NA
Intel Atom E3950 @ 1.60GHz	1882	1791	NA	NA
Intel Atom E660 @ 1.30GHz	271	2799	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2696	NA	NA
Intel Atom K510 @ 1.66GHz	658	2437	NA	NA
Intel Atom N2100 @ 1.60GHz	302	2743	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2505	NA	NA
Intel Atom N270 @ 1.60GHz	270	2802	NA	NA
Intel Atom N280 @ 1.66GHz	282	2781	NA	NA
Intel Atom N2800 @ 1.86GHz	625	2453	NA	NA
Intel Atom N435 @ 1.33GHz	261	2810	NA	NA
Intel Atom N450 @ 1.66GHz	296	2756	NA	NA
Intel Atom N455 @ 1.66GHz	283	2779	NA	NA
Intel Atom N470 @ 1.83GHz	318	2723	NA	NA
Intel Atom N475 @ 1.83GHz	314	2729	NA	NA
Intel Atom N550 @ 1.50GHz	524	2508	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	573	2482	6.66	\$86.00*
Intel Atom S1260 @ 2.00GHz	916	2317	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1713	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2368	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1607	1934	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1191	2146	8.96	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1015	2245	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1273	2102	60.63	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1696	1884	27.11	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1833	1816	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1892	1784	25.71	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1894	1781	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2485	NA	NA
Intel Atom Z3735D @ 1.33GHz	937	2303	NA	NA
Intel Atom Z3735E @ 1.33GHz	948	2296	8.10	\$117.00*
Intel Atom Z3735F @ 1.33GHz	914	2318	5.04	\$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2325	NA	NA
Intel Atom Z3736F @ 1.33GHz	913	2319	NA	NA
Intel Atom Z3740 @ 1.33GHz	1068	2217	NA	NA
Intel Atom Z3740D @ 1.33GHz	1011	2247	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2215	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1018	2243	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	2114 Rank (lower is better)	8.38 CPU Value (higher is better)	\$149.44* Price (USD)
Intel Atom Z3770 @ 1.46GHz	803	2372	NA	
Intel Atom Z3770D @ 1.49GHz	1277	2100	36.49	\$35.00*
Intel Atom Z3775 @ 1.46GHz	1278	2097	NA	NA
Intel Atom Z3775D @ 1.49GHz	1804	1829	NA	NA
Intel Atom Z3795 @ 1.60GHz	194	2878	4.33	\$45.00*
Intel Atom Z510 @ 1.10GHz	218	2854	NA	NA
Intel Atom Z515 @ 1.20GHz	217	2855	NA	NA
Intel Atom Z520 @ 1.33GHz	281	2787	NA	NA
Intel Atom Z530 @ 1.60GHz	348	2693	NA	NA
Intel Atom Z540 @ 1.86GHz	381	2655	NA	NA
Intel Atom Z550 @ 2.00GHz	243	2834	NA	NA
Intel Atom Z670 @ 1.50GHz	130	2917	NA	NA
Intel Celeron 1.70GHz	136	2914	NA	NA
Intel Celeron 1.80GHz	1675	1895	NA	NA
Intel Celeron 1000M @ 1.80GHz	213	2859	NA	NA
Intel Celeron 1000MHz	1810	1825	NA	NA
Intel Celeron 1005M @ 1.90GHz	1390	2030	7.52	\$184.99*
Intel Celeron 1007U @ 1.50GHz	1513	1979	NA	NA
Intel Celeron 1017U @ 1.60GHz	946	2300	NA	NA
Intel Celeron 1019Y @ 1.00GHz	2232	1639	NA	NA
Intel Celeron 1020E @ 2.20GHz	1737	1857	NA	NA
Intel Celeron 1037U @ 1.80GHz	1188	2147	NA	NA
Intel Celeron 1047UE @ 1.40GHz	259	2812	NA	NA
Intel Celeron 1066MHz	174	2896	NA	NA
Intel Celeron 1100MHz	282	2780	NA	NA
Intel Celeron 1133MHz	244	2833	NA	NA
Intel Celeron 1200MHz	288	2770	NA	NA
Intel Celeron 1300MHz	290	2764	NA	NA
Intel Celeron 1333MHz	302	2744	NA	NA
Intel Celeron 1400MHz	182	2890	NA	NA
Intel Celeron 2.00GHz	244	2832	NA	NA
Intel Celeron 2.10GHz	208	2865	NA	NA
Intel Celeron 2.13GHz	213	2860	NA	NA
Intel Celeron 2.20GHz	223	2849	NA	NA
Intel Celeron 2.26GHz	227	2846	NA	NA
Intel Celeron 2.30GHz	217	2856	NA	NA
Intel Celeron 2.40GHz	247	2826	NA	NA
Intel Celeron 2.50GHz	245	2830	NA	NA
Intel Celeron 2.53GHz	238	2836	NA	NA
Intel Celeron 2.60GHz	249	2824	NA	NA
Intel Celeron 2.66GHz	245	2831	NA	NA
Intel Celeron 2.70GHz	254	2816	NA	NA
Intel Celeron 2.80GHz	283	2778	NA	NA
Intel Celeron 2.93GHz	2365	1583	NA	NA
Intel Celeron 2000E @ 2.20GHz	1605	1935	18.67	\$86.00*
Intel Celeron 2002E @ 1.50GHz	322	2718	NA	NA
Intel Celeron 215 @ 1.33GHz	320	2720	NA	NA
Intel Celeron 220 @ 1.20GHz	1984	1735	NA	NA
Intel Celeron 2950M @ 2.00GHz	1417	2019	NA	NA
Intel Celeron 2955U @ 1.40GHz	1434	2013	NA	NA
Intel Celeron 2957U @ 1.40GHz	1110	2190	NA	NA
Intel Celeron 2961Y @ 1.10GHz	2312	1598	NA	NA
Intel Celeron 2970M @ 2.20GHz	1593	1944	NA	NA
Intel Celeron 2980U @ 1.60GHz	1364	2045	NA	NA
Intel Celeron 2981U @ 1.60GHz	284	2775	NA	NA
Intel Celeron 3.06GHz	288	2768	NA	NA
Intel Celeron 3.20GHz	333	2710	NA	NA
Intel Celeron 3.33GHz	1499	1985	5.22	\$287.04*
Intel Celeron 3205U @ 1.50GHz	1641	1917	NA	NA
Intel Celeron 3215U @ 1.70GHz	1702	1879	NA	NA
Intel Celeron 3755U @ 1.70GHz	1948	1754	NA	NA
Intel Celeron 3765U @ 1.90GHz				

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
Intel Celeron 3855U @ 1.60GHz	1889	1772	NA	NA
Intel Celeron 3865U @ 1.80GHz	1843	1809	17.23	\$107.00*
Intel Celeron 3867U @ 1.80GHz	1924	1765	NA	NA
Intel Celeron 3955U @ 2.00GHz	2358	1584	22.04	\$107.00*
Intel Celeron 3965U @ 2.20GHz	1607	1933	15.03	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	450	2576	11.27	\$39.99*
Intel Celeron 420 @ 1.60GHz	1953	1751	18.25	\$107.00*
Intel Celeron 4205U @ 1.80GHz	487	2534	10.34	\$47.18
Intel Celeron 430 @ 1.80GHz	548	2491	18.28	\$29.99
Intel Celeron 440 @ 2.00GHz	625	2454	20.86	\$29.99*
Intel Celeron 450 @ 2.20GHz	474	2552	20.62	\$22.99*
Intel Celeron 530 @ 1.73GHz	521	2511	NA	NA
Intel Celeron 540 @ 1.86GHz	517	2513	7.96	\$64.95
Intel Celeron 550 @ 2.00GHz	531	2502	6.65	\$79.95
Intel Celeron 560 @ 2.13GHz	517	2512	NA	NA
Intel Celeron 570 @ 2.26GHz	147	2910	NA	NA
Intel Celeron 600MHz	405	2625	NA	NA
Intel Celeron 723 @ 1.20GHz	418	2609	NA	NA
Intel Celeron 743 @ 1.30GHz	751	2393	NA	NA
Intel Celeron 807 @ 1.50GHz	369	2671	NA	NA
Intel Celeron 807UE @ 1.00GHz	613	2458	NA	NA
Intel Celeron 827E @ 1.40GHz	934	2306	2.97	\$315.00*
Intel Celeron 847 @ 1.10GHz	1021	2241	NA	NA
Intel Celeron 847E @ 1.10GHz	1146	2175	NA	NA
Intel Celeron 857 @ 1.20GHz	1173	2156	39.12	\$29.99*
Intel Celeron 867 @ 1.30GHz	1290	2086	NA	NA
Intel Celeron 877 @ 1.40GHz	1280	2096	NA	NA
Intel Celeron 887 @ 1.50GHz	676	2431	23.32	\$28.99
Intel Celeron 900 @ 2.20GHz	691	2423	NA	NA
Intel Celeron 925 @ 2.30GHz	965	2280	NA	NA
Intel Celeron @ 1.30GHz	186	2884	NA	NA
Intel Celeron B710 @ 1.60GHz	814	2365	NA	NA
Intel Celeron B720 @ 1.70GHz	1278	2099	NA	NA
Intel Celeron B800 @ 1.50GHz	1395	2027	NA	NA
Intel Celeron B810 @ 1.60GHz	1365	2043	NA	NA
Intel Celeron B815 @ 1.60GHz	1432	2014	36.47	\$39.29*
Intel Celeron B820 @ 1.70GHz	1512	1980	NA	NA
Intel Celeron B830 @ 1.80GHz	1719	1864	NA	NA
Intel Celeron B840 @ 1.90GHz	270	2801	NA	NA
Intel Celeron D 347 @ 3.06GHz	302	2745	NA	NA
Intel Celeron D 352 @ 3.20GHz	315	2726	NA	NA
Intel Celeron D 356 @ 3.33GHz	337	2705	NA	NA
Intel Celeron D 360 @ 3.46GHz	404	2626	4.50	\$89.95*
Intel Celeron D 365 @ 3.60GHz	481	2546	NA	NA
Intel Celeron D 420 @ 1.60GHz	585	2473	NA	NA
Intel Celeron D 430 @ 1.80GHz	858	2343	7.80	\$109.95*
Intel Celeron E1200 @ 1.60GHz	1052	2224	15.04	\$69.99
Intel Celeron E1400 @ 2.00GHz	1169	2160	59.51	\$19.65
Intel Celeron E1500 @ 2.20GHz	1255	2110	NA	NA
Intel Celeron E1600 @ 2.40GHz	1382	2033	26.59	\$51.99*
Intel Celeron E3200 @ 2.40GHz	1388	2031	24.36	\$57.00
Intel Celeron E3300 @ 2.50GHz	1440	2009	2.36	\$610.00*
Intel Celeron E3400 @ 2.60GHz	1454	2001	36.37	\$39.99*
Intel Celeron E3500 @ 2.70GHz	1667	1902	84.34	\$19.77*
Intel Celeron G1101 @ 2.27GHz	2490	1537	52.98	\$47.00
Intel Celeron G1610 @ 2.60GHz	2256	1625	56.35	\$40.04*
Intel Celeron G1610T @ 2.30GHz	2577	1499	39.66	\$64.99
Intel Celeron G1620 @ 2.70GHz	2353	1588	56.03	\$42.00*
Intel Celeron G1620T @ 2.40GHz	2493	1535	35.63	\$69.99
Intel Celeron G1630 @ 2.80GHz	2754	1446	45.92	\$59.99
Intel Celeron G1820 @ 2.70GHz				

Intel Celeron G1820T @ 2.40GHz	2599	1534	59.54	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	NA	NA	NA
Intel Celeron G1830 @ 2.80GHz	2559	1534	59.54	\$42.00*
Intel Celeron G1840 @ 2.80GHz	2860	1411	31.78	\$90.00
Intel Celeron G1840T @ 2.50GHz	2554	1510	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1390	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3139	1314	58.84	\$53.35
Intel Celeron G3900E @ 2.40GHz	2679	1467	NA	NA
Intel Celeron G3900T @ 2.60GHz	2925	1386	26.01	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1494	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1319	27.40	\$113.99*
Intel Celeron G3930 @ 2.90GHz	3036	1346	59.34	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1440	45.59	\$60.68
Intel Celeron G3930TE @ 2.70GHz	2970	1370	70.72	\$42.00*
Intel Celeron G3950 @ 3.00GHz	3049	1344	42.82	\$71.22*
Intel Celeron G440 @ 1.60GHz	694	2420	13.90	\$49.99*
Intel Celeron G460 @ 1.80GHz	1035	2232	15.93	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2218	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2080	NA	NA
Intel Celeron G4900 @ 3.10GHz	3285	1262	73.53	\$44.69
Intel Celeron G4900T @ 2.90GHz	3096	1327	NA	NA
Intel Celeron G4920 @ 3.20GHz	3192	1293	41.74	\$76.50*
Intel Celeron G530 @ 2.40GHz	2130	1674	53.27	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1865	NA	NA
Intel Celeron G540 @ 2.50GHz	2196	1653	48.82	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1681	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1605	28.63	\$80.00
Intel Celeron G550T @ 2.20GHz	2032	1717	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1558	22.23	\$109.00
Intel Celeron J1750 @ 2.41GHz	1037	2231	NA	NA
Intel Celeron J1800 @ 2.41GHz	1022	2239	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1929	NA	NA
Intel Celeron J1900 @ 1.99GHz	1852	1803	NA	NA
Intel Celeron J3060 @ 1.60GHz	976	2273	NA	NA
Intel Celeron J3160 @ 1.60GHz	1793	1832	NA	NA
Intel Celeron J3355 @ 2.00GHz	1168	2161	NA	NA
Intel Celeron J3455 @ 1.50GHz	2112	1684	5.71	\$369.99
Intel Celeron J4005 @ 2.00GHz	1544	1960	10.99	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2651	1475	24.78	\$107.00*
Intel Celeron M 1.00GHz	207	2866	16.60	\$12.49*
Intel Celeron M 1.30GHz	316	2725	NA	NA
Intel Celeron M 1.50GHz	343	2701	NA	NA
Intel Celeron M 1.60GHz	364	2680	NA	NA
Intel Celeron M 1.70GHz	393	2646	NA	NA
Intel Celeron M 1200MHz	275	2796	NA	NA
Intel Celeron M 1300MHz	303	2741	NA	NA
Intel Celeron M 1500MHz	333	2711	NA	NA
Intel Celeron M 360 1.40GHz	328	2714	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2727	NA	NA
Intel Celeron M 420 @ 1.60GHz	334	2709	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2673	NA	NA
Intel Celeron M 440 @ 1.86GHz	392	2647	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2818	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2577	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2600	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2562	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2496	NA	NA
Intel Celeron M 600MHz	151	2908	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2570	NA	NA
Intel Celeron M 900MHz	204	2868	NA	NA
Intel Celeron M ULV 800MHz	184	2888	NA	NA
Intel Celeron N2805 @ 1.46GHz	460	2567	NA	NA
Intel Celeron N2806 @ 1.60GHz	802	2373	NA	NA



CPU Name	Benchmark CPU Mark (higher is better)	Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
Intel Celeron N2807 @ 1.58GHz	907	2339	NA	NA
Intel Celeron N2808 @ 1.58GHz	907	2344	NA	NA
Intel Celeron N2810 @ 2.00GHz	787	2378	5.62	\$139.99*
Intel Celeron N2815 @ 1.86GHz	859	2341	NA	NA
Intel Celeron N2820 @ 2.13GHz	936	2305	4.46	\$209.99
Intel Celeron N2830 @ 2.16GHz	966	2279	NA	NA
Intel Celeron N2840 @ 2.16GHz	1004	2252	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2140	NA	NA
Intel Celeron N2920 @ 1.86GHz	1514	1978	NA	NA
Intel Celeron N2930 @ 1.83GHz	1658	1910	NA	NA
Intel Celeron N2940 @ 1.83GHz	1722	1861	NA	NA
Intel Celeron N3000 @ 1.04GHz	899	2327	NA	NA
Intel Celeron N3010 @ 1.04GHz	973	2274	NA	NA
Intel Celeron N3050 @ 1.60GHz	878	2332	5.77	\$152.28
Intel Celeron N3060 @ 1.60GHz	990	2266	NA	NA
Intel Celeron N3150 @ 1.60GHz	1664	1903	NA	NA
Intel Celeron N3160 @ 1.60GHz	1662	1907	5.38	\$309.19
Intel Celeron N3350 @ 1.10GHz	1114	2187	NA	NA
Intel Celeron N3450 @ 1.10GHz	1850	1804	11.72	\$157.91
Intel Celeron N4000 @ 1.10GHz	1437	2010	13.43	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2254	1628	21.07	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1116	2185	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2263	NA	NA
Intel Celeron P4600 @ 2.00GHz	1328	2065	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2382	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2293	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2222	35.29	\$29.99*
Intel Celeron U1900 @ 1.99GHz	1704	1878	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2405	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2425	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2370	NA	NA
Intel Core 330 @ 1.60GHz	643	2444	NA	NA
Intel Core 860 @ 2.80GHz	4555	974	26.96	\$169.00*
Intel Core Duo L2300 @ 1.50GHz	719	2408	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2416	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2395	NA	NA
Intel Core Duo T2050 @ 1.60GHz	694	2421	NA	NA
Intel Core Duo T2250 @ 1.73GHz	754	2391	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2403	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2386	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2375	49.70	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2360	NA	NA
Intel Core Duo T2500 @ 2.00GHz	867	2338	7.23	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2302	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2237	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2494	NA	NA
Intel Core Duo U2500 @ 1.20GHz	511	2519	NA	NA
Intel Core i3-2100 @ 3.10GHz	3692	1163	67.14	\$54.99
Intel Core i3-2100T @ 2.50GHz	2980	1363	49.68	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1149	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3712	1158	32.29	\$114.99*
Intel Core i3-21050 @ 3.10GHz	3862	1114	NA	NA
Intel Core i3-2120 @ 3.30GHz	3930	1105	56.15	\$70.00
Intel Core i3-2120T @ 2.60GHz	3161	1305	126.52	\$24.99
Intel Core i3-2125 @ 3.30GHz	4015	1080	19.40	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4075	1072	35.44	\$114.99
Intel Core i3-2140 @ 3.50GHz	4325	1025	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1413	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2432	1555	62.68	\$38.81
Intel Core i3-2312M @ 2.10GHz	2374	1578	NA	NA
Intel Core i3-2328M @ 2.20GHz	2545	1513	27.38	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1335	NA	NA



CPU Name	Benchmark CPU Mark (higher is better)	1517 Rank (lower is better)	50.58 CPU Value (higher is better)	\$49.95 Price (USD)
Intel Core i3-2330M @ 2.20GHz	1575	1863	NA	NA
Intel Core i3-2332M @ 2.20GHz	1779	1863	NA	NA
Intel Core i3-2340UE @ 1.30GHz				
Intel Core i3-2348M @ 2.30GHz	2621	1484	NA	NA
Intel Core i3-2350M @ 2.30GHz	2630	1482	82.52	\$31.88
Intel Core i3-2357M @ 1.30GHz	1556	1956	NA	NA
Intel Core i3-2365M @ 1.40GHz	1678	1894	NA	NA
Intel Core i3-2367M @ 1.40GHz	1708	1875	NA	NA
Intel Core i3-2370M @ 2.40GHz	2777	1436	69.77	\$39.81
Intel Core i3-2375M @ 1.50GHz	1769	1838	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1820	NA	NA
Intel Core i3-3110M @ 2.40GHz	3081	1332	38.55	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3225	1281	29.32	\$110.00*
Intel Core i3-3130M @ 2.60GHz	3384	1236	NA	NA
Intel Core i3-3210 @ 3.20GHz	4042	1076	20.32	\$199.00
Intel Core i3-3217U @ 1.80GHz	2302	1604	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1663	NA	NA
Intel Core i3-3220 @ 3.30GHz	4245	1042	77.21	\$54.99
Intel Core i3-3220T @ 2.80GHz	3695	1161	29.56	\$125.00
Intel Core i3-3225 @ 3.30GHz	4345	1019	13.37	\$324.99
Intel Core i3-3227U @ 1.90GHz	2467	1543	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1881	NA	NA
Intel Core i3-3240 @ 3.40GHz	4318	1028	86.36	\$50.00
Intel Core i3-3240T @ 2.90GHz	3659	1168	NA	NA
Intel Core i3-3245 @ 3.40GHz	4444	998	25.84	\$172.01*
Intel Core i3-3250 @ 3.50GHz	4455	994	46.90	\$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1175	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1759	NA	NA
Intel Core i3-330M @ 2.13GHz	1785	1835	11.16	\$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2216	NA	NA
Intel Core i3-350M @ 2.27GHz	1891	1785	112.94	\$16.75
Intel Core i3-370M @ 2.40GHz	2015	1725	50.43	\$39.96*
Intel Core i3-380M @ 2.53GHz	2092	1691	34.91	\$59.95
Intel Core i3-380UM @ 1.33GHz	1157	2167	NA	NA
Intel Core i3-390M @ 2.67GHz	2167	1661	55.65	\$38.95*
Intel Core i3-4000M @ 2.40GHz	3257	1268	16.29	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2444	1552	NA	NA
Intel Core i3-4010U @ 1.70GHz	2441	1553	16.28	\$149.99
Intel Core i3-4010Y @ 1.30GHz	1900	1779	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2164	1662	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2213	1646	NA	NA
Intel Core i3-4025U @ 1.90GHz	2789	1434	NA	NA
Intel Core i3-4030U @ 1.90GHz	2717	1458	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1529	NA	NA
Intel Core i3-4100M @ 2.50GHz	3417	1225	15.64	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3854	1115	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1399	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1343	NA	NA
Intel Core i3-4130 @ 3.40GHz	4803	928	53.38	\$89.99
Intel Core i3-4130T @ 2.90GHz	4147	1058	46.61	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4899	910	49.49	\$99.00
Intel Core i3-4150T @ 3.00GHz	4227	1043	18.39	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1387	NA	NA
Intel Core i3-4160 @ 3.60GHz	5048	878	46.11	\$109.47
Intel Core i3-4160T @ 3.10GHz	4451	997	29.68	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5192	851	19.98	\$259.95
Intel Core i3-4170T @ 3.20GHz	4545	980	21.65	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5086	864	27.49	\$185.00
Intel Core i3-4330T @ 3.00GHz	4485	993	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1288	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	844	30.84	\$169.99*
Intel Core i3-4350 @ 3.60GHz	4990	890	29.36	\$169.99*

CPU Name	Passmark CPU Mark (higher is better)	1033 Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
Intel Core i3-4350T @ 3.10GHz	545	1033	NA	NA
Intel Core i3-4360 @ 3.70GHz	546	1033	NA	NA
Intel Core i3-4360T @ 3.20GHz	4636	957	NA	NA
Intel Core i3-4370 @ 3.80GHz	5613	784	18.17	\$309.00*
Intel Core i3-4370T @ 3.30GHz	4870	912	35.29	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	900	NA	NA
Intel Core i3-5005U @ 2.00GHz	2907	1392	NA	NA
Intel Core i3-5010U @ 2.10GHz	3056	1341	9.05	\$337.76*
Intel Core i3-5015U @ 2.10GHz	2992	1359	NA	NA
Intel Core i3-5020U @ 2.20GHz	3202	1287	6.98	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	1166	NA	NA
Intel Core i3-530 @ 2.93GHz	2565	1505	23.76	\$108.00
Intel Core i3-540 @ 3.07GHz	2686	1465	20.67	\$129.99
Intel Core i3-550 @ 3.20GHz	2829	1418	16.10	\$175.74
Intel Core i3-560 @ 3.33GHz	2934	1380	16.31	\$179.95*
Intel Core i3-6006U @ 2.00GHz	3082	1331	NA	NA
Intel Core i3-6098P @ 3.60GHz	5400	819	40.38	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5483	801	42.51	\$129.00
Intel Core i3-6100E @ 2.70GHz	3769	1136	NA	NA
Intel Core i3-6100H @ 2.70GHz	4219	1047	NA	NA
Intel Core i3-6100T @ 3.20GHz	4854	920	35.96	\$134.99*
Intel Core i3-6100TE @ 2.70GHz	4304	1032	NA	NA
Intel Core i3-6100U @ 2.30GHz	3605	1179	7.00	\$515.00*
Intel Core i3-6102E @ 1.90GHz	3196	1291	14.20	\$225.00*
Intel Core i3-6157U @ 2.40GHz	3835	1121	NA	NA
Intel Core i3-6300 @ 3.80GHz	5845	757	10.78	\$541.99*
Intel Core i3-6300T @ 3.30GHz	5247	843	33.86	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6047	739	23.09	\$261.85*
Intel Core i3-7020U @ 2.30GHz	3544	1193	12.61	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5785	763	33.17	\$174.40
Intel Core i3-7100H @ 3.00GHz	4627	961	20.57	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5056	875	36.25	\$139.46
Intel Core i3-7100U @ 2.40GHz	3767	1138	9.90	\$380.64*
Intel Core i3-7101TE @ 3.40GHz	5189	852	44.36	\$117.00*
Intel Core i3-7102E @ 2.10GHz	3266	1265	14.52	\$225.00*
Intel Core i3-7130U @ 2.70GHz	4058	1074	8.82	\$459.99*
Intel Core i3-7167U @ 2.80GHz	4757	937	NA	NA
Intel Core i3-7300 @ 4.00GHz	6328	708	36.83	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	823	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6417	700	35.12	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6599	683	38.15	\$172.99
Intel Core i3-8100 @ 3.60GHz	8018	540	51.51	\$155.67
Intel Core i3-8100B @ 3.60GHz	8544	490	64.24	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7340	609	56.90	\$129.00
Intel Core i3-8109U @ 3.00GHz	6157	722	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	929	NA	NA
Intel Core i3-8130U @ 2.20GHz	5008	888	17.83	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5532	798	19.69	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8706	476	54.42	\$159.99
Intel Core i3-8300T @ 3.20GHz	8032	536	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9238	418	46.48	\$198.75
Intel Core i3-9100 @ 3.60GHz	9095	431	53.51	\$169.99
Intel Core i3-9100F @ 3.60GHz	8992	443	101.56	\$88.54
Intel Core i3-9100T @ 3.10GHz	7689	577	63.03	\$122.00*
Intel Core i3-9300 @ 3.70GHz	10018	342	65.91	\$152.00*
Intel Core i3-9300T @ 3.20GHz	8777	469	61.38	\$143.00*
Intel Core i3-9320 @ 3.70GHz	10144	333	62.62	\$162.00*
Intel Core i3-9350KF @ 4.00GHz	10571	306	49.40	\$214.00
Intel Core i5 750S @ 2.40GHz	2197	1652	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1539	NA	NA
Intel Core i5-2300 @ 2.80GHz	5366	824	67.09	\$79.99*

CPU Name	Benchmark CPU Mark (higher is better)	Peak Mark (Lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2310 @ 2.90GHz	5523	797	29.70	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5772	771	31.94	\$180.00*
Intel Core i5-2380P @ 3.10GHz				
Intel Core i5-2390T @ 2.70GHz	4223	1045	42.27	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5970	742	87.80	\$68.00
Intel Core i5-2400S @ 2.50GHz	4985	891	14.67	\$339.95*
Intel Core i5-24050S @ 2.50GHz	4928	901	NA	NA
Intel Core i5-2405S @ 2.50GHz	5082	867	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3169	1299	44.02	\$72.00*
Intel Core i5-2415M @ 2.30GHz	3303	1259	NA	NA
Intel Core i5-2430M @ 2.40GHz	3286	1261	36.88	\$89.11*
Intel Core i5-2435M @ 2.40GHz	3232	1278	NA	NA
Intel Core i5-2450M @ 2.50GHz	3402	1228	38.65	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6149	725	68.34	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2321	1592	NA	NA
Intel Core i5-2500 @ 3.30GHz	6350	705	115.47	\$55.00
Intel Core i5-2500K @ 3.30GHz	6488	692	14.94	\$434.26*
Intel Core i5-2500S @ 2.70GHz	5379	822	71.74	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4647	954	51.64	\$89.99*
Intel Core i5-2510E @ 2.50GHz	3483	1212	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1257	NA	NA
Intel Core i5-2520M @ 2.50GHz	3593	1182	21.19	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2081	1697	NA	NA
Intel Core i5-2540M @ 2.60GHz	3787	1132	65.28	\$58.02
Intel Core i5-2550K @ 3.40GHz	6672	675	35.12	\$190.00*
Intel Core i5-2557M @ 1.70GHz	2691	1463	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1144	NA	NA
Intel Core i5-3210M @ 2.50GHz	3828	1124	56.10	\$68.24
Intel Core i5-3230M @ 2.60GHz	3942	1102	17.39	\$226.77*
Intel Core i5-3317U @ 1.70GHz	3091	1328	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4132	1062	55.06	\$75.05*
Intel Core i5-3330 @ 3.00GHz	5949	745	29.75	\$200.00*
Intel Core i5-3330S @ 2.70GHz	5678	775	59.78	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	762	NA	NA
Intel Core i5-3337U @ 1.80GHz	3229	1280	14.35	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1645	NA	NA
Intel Core i5-3340 @ 3.10GHz	6093	733	20.80	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4247	1041	53.13	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	756	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6150	724	41.01	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4437	1001	47.81	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4440	999	NA	NA
Intel Core i5-3427U @ 1.80GHz	3545	1192	8.44	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3622	1173	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1383	NA	NA
Intel Core i5-3450 @ 3.10GHz	6539	689	29.81	\$219.33*
Intel Core i5-3450S @ 2.80GHz	6229	714	44.81	\$139.00*
Intel Core i5-3470 @ 3.20GHz	6722	670	84.04	\$79.99
Intel Core i5-3470S @ 2.90GHz	6384	702	71.74	\$89.00
Intel Core i5-3470T @ 2.90GHz	4490	991	14.53	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6617	682	46.12	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6967	641	69.68	\$99.99*
Intel Core i5-3550S @ 3.00GHz	6910	650	20.95	\$329.95*
Intel Core i5-3570 @ 3.40GHz	7139	627	89.25	\$79.99
Intel Core i5-3570K @ 3.40GHz	7185	624	51.33	\$139.99
Intel Core i5-3570S @ 3.10GHz	6751	666	23.69	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5914	748	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3898	1110	NA	NA
Intel Core i5-4200H @ 2.80GHz	4453	996	NA	NA
Intel Core i5-4200M @ 2.50GHz	4037	1077	49.77	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3279	1264	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1564	NA	NA

Intel Core i5-4203Y @ 1.60GHz CPU Name	2966 4533 Mark 4206 (higher is better)	1623 Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)5*
Intel Core i5-4210M @ 2.60GHz				
Intel Core i5-4210U @ 1.70GHz	3401	1229	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2375	1577	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1601	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1398	NA	NA
Intel Core i5-4250U @ 1.30GHz	3376	1240	9.41	\$359.00
Intel Core i5-4258U @ 2.40GHz	4090	1069	NA	NA
Intel Core i5-4260U @ 1.40GHz	3571	1187	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	1014	NA	NA
Intel Core i5-4288U @ 2.60GHz	4309	1031	NA	NA
Intel Core i5-4300M @ 2.60GHz	4439	1000	NA	NA
Intel Core i5-4300U @ 1.90GHz	3740	1148	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2505	1530	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1367	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	1046	NA	NA
Intel Core i5-430M @ 2.27GHz	2095	1690	14.97	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	2059	NA	NA
Intel Core i5-4310M @ 2.70GHz	4655	952	NA	NA
Intel Core i5-4310U @ 2.00GHz	3782	1134	NA	NA
Intel Core i5-4330M @ 2.80GHz	4547	979	16.54	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4861	918	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1176	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	977	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1099	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1429	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6338	707	24.53	\$258.41*
Intel Core i5-4430S @ 2.70GHz	5937	747	37.11	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6517	690	13.11	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6253	711	13.51	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6720	671	29.61	\$227.00
Intel Core i5-4460S @ 2.90GHz	6427	698	9.74	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4964	896	NA	NA
Intel Core i5-450M @ 2.40GHz	2130	1673	66.69	\$31.95*
Intel Core i5-4570 @ 3.20GHz	7151	626	61.28	\$116.70
Intel Core i5-4570R @ 2.70GHz	6756	665	NA	NA
Intel Core i5-4570S @ 2.90GHz	6826	656	16.65	\$409.95
Intel Core i5-4570T @ 2.90GHz	4816	924	32.11	\$149.99*
Intel Core i5-4570TE @ 2.70GHz	3827	1125	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7336	610	61.14	\$119.99
Intel Core i5-4590S @ 3.00GHz	7069	633	58.92	\$119.99
Intel Core i5-4590T @ 2.00GHz	5612	785	26.73	\$209.95*
Intel Core i5-460M @ 2.53GHz	2321	1591	29.04	\$79.95*
Intel Core i5-4670 @ 3.40GHz	7468	596	32.19	\$232.00
Intel Core i5-4670K @ 3.40GHz	7635	584	22.20	\$343.89
Intel Core i5-4670K CPT @ 3.40GHz	7411	603	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	602	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7386	607	34.68	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6155	723	23.76	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7689	578	32.58	\$236.00
Intel Core i5-4690K @ 3.50GHz	7797	563	50.63	\$154.00
Intel Core i5-4690S @ 3.20GHz	7401	605	20.60	\$359.21*
Intel Core i5-4690T @ 2.50GHz	6547	687	NA	NA
Intel Core i5-470UM @ 1.33GHz	1081	2213	NA	NA
Intel Core i5-480M @ 2.67GHz	2402	1565	29.81	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1633	NA	NA
Intel Core i5-5200U @ 2.20GHz	3494	1209	NA	NA
Intel Core i5-520M @ 2.40GHz	2368	1580	33.84	\$69.99*
Intel Core i5-520UM @ 1.07GHz	1351	2052	NA	NA
Intel Core i5-5250U @ 1.60GHz	3597	1181	8.14	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4410	1007	NA	NA

Intel Core i5-5387U @ 2.90GHz	7269	945	NA	NA
CPU Name	Mark	Rank	CPU Value	Price
Intel Core i5-5350U @ 1.80GHz	3500	1200	(Higher is better)	(USD)
	(higher is better)	(lower is better)	(Higher is better)	(USD)
Intel Core i5-540M @ 2.53GHz	2453	1549	12.92	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	2040	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	594	NA	NA
Intel Core i5-560M @ 2.67GHz	2578	1498	31.46	\$81.97*
Intel Core i5-560UM @ 1.33GHz	1664	1905	NA	NA
Intel Core i5-5675C @ 3.10GHz	8135	524	26.25	\$309.95*
Intel Core i5-5675R @ 3.10GHz	7991	544	NA	NA
Intel Core i5-580M @ 2.67GHz	2580	1497	23.47	\$109.95*
Intel Core i5-6198DU @ 2.30GHz	4142	1060	NA	NA
Intel Core i5-6200U @ 2.30GHz	4009	1081	NA	NA
Intel Core i5-6260U @ 1.80GHz	4359	1016	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4911	907	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	938	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6092	734	NA	NA
Intel Core i5-6300U @ 2.40GHz	4365	1015	NA	NA
Intel Core i5-6360U @ 2.00GHz	4686	947	NA	NA
Intel Core i5-6400 @ 2.70GHz	6757	664	28.08	\$240.66
Intel Core i5-6400T @ 2.20GHz	5610	786	21.58	\$259.95*
Intel Core i5-6402P @ 2.80GHz	7107	629	37.41	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	715	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6814	658	NA	NA
Intel Core i5-650 @ 3.20GHz	3097	1326	36.45	\$84.99*
Intel Core i5-6500 @ 3.20GHz	7244	617	45.03	\$160.89
Intel Core i5-6500T @ 2.50GHz	6292	709	43.40	\$144.99*
Intel Core i5-6500TE @ 2.30GHz	6580	685	31.34	\$209.99*
Intel Core i5-655K @ 3.20GHz	3386	1235	56.45	\$59.99*
Intel Core i5-660 @ 3.33GHz	3251	1271	104.05	\$31.25*
Intel Core i5-6600 @ 3.30GHz	7773	566	29.65	\$262.13*
Intel Core i5-6600K @ 3.50GHz	8058	530	30.63	\$263.11*
Intel Core i5-6600T @ 2.70GHz	7271	614	24.24	\$299.95*
Intel Core i5-661 @ 3.33GHz	3193	1292	13.88	\$229.99*
Intel Core i5-670 @ 3.47GHz	3319	1252	11.90	\$279.00*
Intel Core i5-680 @ 3.60GHz	3512	1205	39.03	\$89.99*
Intel Core i5-7200U @ 2.50GHz	4568	973	NA	NA
Intel Core i5-7260U @ 2.20GHz	5639	780	10.11	\$557.98
Intel Core i5-7267U @ 3.10GHz	5015	886	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	779	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6719	672	NA	NA
Intel Core i5-7300U @ 2.60GHz	5166	855	11.13	\$464.33
Intel Core i5-7360U @ 2.30GHz	5855	753	NA	NA
Intel Core i5-7400 @ 3.00GHz	7237	618	34.83	\$207.81
Intel Core i5-7400T @ 2.40GHz	6350	706	30.09	\$211.07
Intel Core i5-7440HQ @ 2.80GHz	7645	582	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	5901	750	23.60	\$250.00*
Intel Core i5-750 @ 2.67GHz	3721	1153	18.01	\$206.56*
Intel Core i5-7500 @ 3.40GHz	7940	549	39.70	\$199.98
Intel Core i5-7500T @ 2.70GHz	6950	645	31.08	\$223.67
Intel Core i5-760 @ 2.80GHz	3937	1103	43.75	\$89.99*
Intel Core i5-7600 @ 3.50GHz	8641	483	27.88	\$309.98*
Intel Core i5-7600K @ 3.80GHz	9051	440	33.28	\$272.00
Intel Core i5-7600T @ 2.80GHz	7974	546	22.85	\$348.99*
Intel Core i5-7640X @ 4.00GHz	9472	397	52.71	\$179.73
Intel Core i5-7Y54 @ 1.20GHz	3538	1196	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3676	1165	NA	NA
Intel Core i5-8200Y @ 1.30GHz	4339	1020	14.91	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4284	1035	NA	NA
Intel Core i5-8250U @ 1.60GHz	7660	580	NA	NA
Intel Core i5-8259U @ 2.30GHz	10988	279	14.06	\$781.82
Intel Core i5-8265U @ 1.60GHz	8005	541	26.95	\$297.00*



CPU Name	Passmark CPU Mark (higher is better)	Bank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
Intel Core i5-8265UC @ 1.60GHz	788	565	NA	NA
Intel Core i5-8300H @ 2.30GHz	9474	456	NA	NA
Intel Core i5-8305G @ 2.80GHz	8155	521	27.46	\$297.00*
Intel Core i5-8350U @ 1.70GHz	8473	495	28.53	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11579	261	53.62	\$215.96
Intel Core i5-8400H @ 2.50GHz	10431	315	41.73	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9484	395	45.38	\$209.00
Intel Core i5-8500 @ 3.00GHz	11826	254	51.64	\$229.00*
Intel Core i5-8500B @ 3.00GHz	12756	228	66.44	\$192.00*
Intel Core i5-8500T @ 2.10GHz	9980	350	42.59	\$234.36*
Intel Core i5-8600 @ 3.10GHz	12487	235	45.05	\$277.21*
Intel Core i5-8600K @ 3.60GHz	12683	233	45.07	\$281.39
Intel Core i5-8600T @ 2.30GHz	10981	280	29.92	\$366.99*
Intel Core i5-9300H @ 2.40GHz	9771	373	39.09	\$250.00*
Intel Core i5-9400 @ 2.90GHz	11750	256	69.13	\$169.99
Intel Core i5-9400F @ 2.90GHz	12085	249	87.02	\$138.88
Intel Core i5-9400H @ 2.50GHz	10344	319	41.38	\$250.00*
Intel Core i5-9400T @ 1.80GHz	10606	305	NA	NA
Intel Core i5-9500 @ 3.00GHz	11890	253	58.01	\$204.99
Intel Core i5-9500F @ 3.00GHz	12956	223	64.14	\$202.00*
Intel Core i5-9500T @ 2.20GHz	10645	303	55.45	\$192.00*
Intel Core i5-9600K @ 3.70GHz	13475	211	58.59	\$229.99
Intel Core i5-9600KF @ 3.70GHz	13507	209	62.83	\$214.99
Intel Core i7-1065G7 @ 1.30GHz	10932	286	NA	NA
Intel Core i7-2600 @ 3.40GHz	8186	519	74.43	\$109.99
Intel Core i7-2600K @ 3.40GHz	8438	502	54.44	\$155.00
Intel Core i7-2600S @ 2.80GHz	7091	631	42.98	\$164.99*
Intel Core i7-2610UE @ 1.50GHz	2481	1541	NA	NA
Intel Core i7-2617M @ 1.50GHz	2813	1425	NA	NA
Intel Core i7-2620M @ 2.70GHz	3839	1119	22.61	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5522	799	24.02	\$229.95*
Intel Core i7-2630UM @ 1.60GHz	2584	1496	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5468	806	NA	NA
Intel Core i7-2637M @ 1.70GHz	2900	1400	NA	NA
Intel Core i7-2640M @ 2.80GHz	3923	1107	32.71	\$119.95*
Intel Core i7-2655LE @ 2.20GHz	3229	1279	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5879	752	42.48	\$138.40*
Intel Core i7-2675QM @ 2.20GHz	5537	796	NA	NA
Intel Core i7-2677M @ 1.80GHz	2830	1417	NA	NA
Intel Core i7-2700K @ 3.50GHz	8693	478	29.28	\$296.90
Intel Core i7-2710QE @ 2.10GHz	5768	767	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	825	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6107	730	32.15	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6560	686	31.25	\$209.95*
Intel Core i7-2820QM @ 2.30GHz	6646	678	34.79	\$191.02*
Intel Core i7-2840QM @ 2.40GHz	6766	662	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6955	642	12.86	\$541.00*
Intel Core i7-2920XM @ 2.50GHz	6998	637	15.89	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7224	621	17.62	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3545	1191	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3150	1312	NA	NA
Intel Core i7-3520M @ 2.90GHz	4547	978	36.68	\$123.96
Intel Core i7-3537U @ 2.00GHz	3807	1130	NA	NA
Intel Core i7-3540M @ 3.00GHz	4662	950	10.84	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1092	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	688	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7456	598	18.64	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	673	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6815	657	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	597	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7387	606	NA	NA

Intel Core i7-3632QM @ 2.40GHz	5936	587	31.72	\$239.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3667U @ 2.00GHz	3977	1089	NA	NA
Intel Core i7-3687U @ 2.10GHz	4136	1061	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1285	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8122	527	22.38	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	8311	510	34.64	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9281	415	66.30	\$139.99
Intel Core i7-3770K @ 3.50GHz	9516	391	47.59	\$199.99
Intel Core i7-3770S @ 3.10GHz	8900	460	23.48	\$379.00
Intel Core i7-3770T @ 2.50GHz	8208	517	24.87	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8990	445	22.48	\$399.99*
Intel Core i7-3820QM @ 2.70GHz	8403	504	29.49	\$285.00
Intel Core i7-3840QM @ 2.80GHz	8763	472	30.22	\$289.95
Intel Core i7-3920XM @ 2.90GHz	8982	447	8.20	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11978	252	23.73	\$504.85*
Intel Core i7-3940XM @ 3.00GHz	9160	425	17.00	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12582	234	13.83	\$909.99
Intel Core i7-3970X @ 3.50GHz	12696	232	15.67	\$809.99*
Intel Core i7-4500U @ 1.80GHz	3786	1133	NA	NA
Intel Core i7-4510U @ 2.00GHz	3915	1109	NA	NA
Intel Core i7-4550U @ 1.50GHz	3717	1155	NA	NA
Intel Core i7-4558U @ 2.80GHz	4401	1008	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	1023	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	932	NA	NA
Intel Core i7-4600M @ 2.90GHz	4901	909	NA	NA
Intel Core i7-4600U @ 2.10GHz	4104	1068	NA	NA
Intel Core i7-4610M @ 3.00GHz	4906	908	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1147	NA	NA
Intel Core i7-4650U @ 1.70GHz	3951	1097	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7203	622	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7734	571	20.19	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7690	576	40.69	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7427	601	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7128	628	21.15	\$337.04*
Intel Core i7-4710HQ @ 2.50GHz	7724	574	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7985	545	29.41	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7533	591	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7192	623	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7992	543	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8067	528	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8199	518	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8735	474	NA	NA
Intel Core i7-4765T @ 2.00GHz	7305	613	18.26	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9783	371	52.88	\$185.00
Intel Core i7-4770HQ @ 2.20GHz	8958	452	NA	NA
Intel Core i7-4770K @ 3.50GHz	10078	340	30.47	\$330.70
Intel Core i7-4770R @ 3.20GHz	9826	366	NA	NA
Intel Core i7-4770S @ 3.10GHz	9348	407	15.33	\$610.00
Intel Core i7-4770T @ 2.50GHz	8604	486	21.51	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	668	NA	NA
Intel Core i7-4771 @ 3.50GHz	9867	361	16.18	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7637	583	NA	NA
Intel Core i7-4790 @ 3.60GHz	9991	347	52.59	\$190.00
Intel Core i7-4790K @ 4.00GHz	11169	270	37.11	\$300.99
Intel Core i7-4790S @ 3.20GHz	9557	389	35.53	\$269.00
Intel Core i7-4790T @ 2.70GHz	9068	435	25.26	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8446	500	45.63	\$185.12*
Intel Core i7-4810MQ @ 2.80GHz	8652	481	45.55	\$189.95*
Intel Core i7-4820K @ 3.70GHz	9721	378	44.19	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9056	439	20.87	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7899	551	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	416 Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
Intel Core i7-4860HQ @ 2.40GHz	9332	449	15.31	\$586.67*
Intel Core i7-4870HQ @ 2.50GHz	9337	409	20.30	\$459.95*
Intel Core i7-4900MQ @ 2.80GHz	13025	221	27.39	\$475.60
Intel Core i7-4910MQ @ 2.90GHz	9444	403	8.62	\$1,096.00*
Intel Core i7-4930K @ 3.40GHz	9807	368	13.81	\$709.95*
Intel Core i7-4930MX @ 3.00GHz	9856	364	15.82	\$623.00*
Intel Core i7-4940MX @ 3.10GHz	13816	196	17.94	\$769.99*
Intel Core i7-4960HQ @ 2.60GHz	10295	322	NA	NA
Intel Core i7-4960X @ 3.60GHz	3981	1088	NA	NA
Intel Core i7-4980HQ @ 2.80GHz	3851	1118	NA	NA
Intel Core i7-5500U @ 2.40GHz	4953	898	7.03	\$705.00*
Intel Core i7-5550U @ 2.00GHz	4327	1024	NA	NA
Intel Core i7-5557U @ 3.10GHz	4224	1044	NA	NA
Intel Core i7-5600U @ 2.60GHz	8164	520	NA	NA
Intel Core i7-5650U @ 2.20GHz	8239	515	NA	NA
Intel Core i7-5675C @ 3.10GHz	8360	507	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	10867	291	15.83	\$686.32*
Intel Core i7-5700HQ @ 2.70GHz	10870	290	NA	NA
Intel Core i7-5775C @ 3.30GHz	13015	222	45.03	\$289.00
Intel Core i7-5775R @ 3.30GHz	9817	367	22.57	\$435.00*
Intel Core i7-5820K @ 3.30GHz	9459	400	21.80	\$434.00*
Intel Core i7-5850EQ @ 2.70GHz	13664	199	41.53	\$329.00
Intel Core i7-5850HQ @ 2.70GHz	10850	292	NA	NA
Intel Core i7-5930K @ 3.50GHz	15994	139	16.66	\$959.99*
Intel Core i7-5950HQ @ 2.90GHz	1969	1742	NA	NA
Intel Core i7-5960X @ 3.00GHz	2544	1514	NA	NA
Intel Core i7-610 @ 2.53GHz	1954	1750	NA	NA
Intel Core i7-610E @ 2.53GHz	2720	1456	7.45	\$365.00*
Intel Core i7-610LM @ 2.00GHz	1323	2067	NA	NA
Intel Core i7-620M @ 2.67GHz	1323	2067	NA	NA
Intel Core i7-620UM @ 1.07GHz	2245	1632	NA	NA
Intel Core i7-620LM @ 2.00GHz	2827	1419	14.14	\$199.95
Intel Core i7-620UM @ 1.20GHz	1638	1919	NA	NA
Intel Core i7-640LM @ 2.13GHz	4437	1002	NA	NA
Intel Core i7-6498DU @ 2.50GHz	4425	1003	11.26	\$393.00*
Intel Core i7-6500U @ 2.50GHz	4812	925	NA	NA
Intel Core i7-6560U @ 2.20GHz	5574	791	NA	NA
Intel Core i7-6567U @ 3.30GHz	4804	927	NA	NA
Intel Core i7-6600U @ 2.60GHz	1745	1853	NA	NA
Intel Core i7-6600U @ 1.33GHz	4969	893	NA	NA
Intel Core i7-6650U @ 2.20GHz	10004	345	29.87	\$334.99
Intel Core i7-6700 @ 3.40GHz	8129	525	21.51	\$378.00*
Intel Core i7-6700HQ @ 2.60GHz	11111	272	35.54	\$312.61*
Intel Core i7-6700K @ 4.00GHz	8999	442	23.94	\$375.99
Intel Core i7-6700T @ 2.80GHz	8674	480	NA	NA
Intel Core i7-6700TE @ 2.40GHz	9718	379	9.70	\$1,001.88*
Intel Core i7-6770HQ @ 2.60GHz	13567	205	39.78	\$341.10
Intel Core i7-6800K @ 3.40GHz	1710	1871	NA	NA
Intel Core i7-680UM @ 1.47GHz	8563	488	NA	NA
Intel Core i7-6820EQ @ 2.80GHz	9120	428	NA	NA
Intel Core i7-6820HK @ 2.70GHz	8779	468	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	6501	691	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	14375	178	26.38	\$544.99
Intel Core i7-6850K @ 3.60GHz	17613	102	22.38	\$787.00
Intel Core i7-6900K @ 3.20GHz	9560	388	16.83	\$568.00*
Intel Core i7-6920HQ @ 2.90GHz	19926	69	13.74	\$1,450.00
Intel Core i7-6950X @ 3.00GHz	3008	1353	27.37	\$109.95*
Intel Core i7-720QM @ 1.60GHz	3191	1294	19.95	\$159.95*
Intel Core i7-740QM @ 1.73GHz	5123	859	NA	NA
Intel Core i7-7500U @ 2.70GHz	5805	759	NA	NA
Intel Core i7-7560U @ 2.40GHz				

Intel Core i7-7660U @ 2.50GHz	5112	693	7.26	\$889.98
CPU Name	Mark	Rank	CPU Value	Price
Intel Core i7-7660U @ 2.50GHz	(higher is better)	(lower is better)	(higher is better)	(USD)
Intel Core i7-7700 @ 3.60GHz	10686	298	33.50	\$319.03
Intel Core i7-7700HQ @ 2.80GHz	8769	470	NA	NA
Intel Core i7-7700K @ 4.20GHz	11997	250	34.57	\$347.00
Intel Core i7-7700T @ 2.90GHz	9288	413	30.06	\$309.00*
Intel Core i7-7740X @ 4.30GHz	12228	245	37.51	\$325.99
Intel Core i7-7800X @ 3.50GHz	14643	171	31.16	\$469.89
Intel Core i7-7820EQ @ 3.00GHz	9144	426	24.19	\$378.00*
Intel Core i7-7820HK @ 2.90GHz	9973	351	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9249	417	24.47	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18515	88	27.28	\$678.75
Intel Core i7-7900X @ 3.30GHz	20474	61	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9991	346	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3729	1150	NA	NA
Intel Core i7-8086K @ 4.00GHz	16690	114	30.18	\$552.96*
Intel Core i7-820QM @ 1.73GHz	3222	1283	13.43	\$239.95*
Intel Core i7-840QM @ 1.87GHz	3411	1227	11.76	\$289.97*
Intel Core i7-8500Y @ 1.50GHz	3927	1106	9.99	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8260	513	NA	NA
Intel Core i7-8559U @ 2.70GHz	12289	241	21.70	\$566.22
Intel Core i7-8565U @ 1.80GHz	8885	462	NA	NA
Intel Core i7-860 @ 2.80GHz	5027	882	17.34	\$289.95
Intel Core i7-860S @ 2.53GHz	4919	905	24.60	\$199.99*
Intel Core i7-8650U @ 1.90GHz	8714	475	NA	NA
Intel Core i7-8665U @ 1.90GHz	8966	450	21.92	\$409.00*
Intel Core i7-870 @ 2.93GHz	5344	827	56.05	\$95.35
Intel Core i7-8700 @ 3.20GHz	15144	158	41.04	\$369.00
Intel Core i7-8700B @ 3.20GHz	14802	168	48.85	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15927	142	45.51	\$349.99
Intel Core i7-8700T @ 2.40GHz	12702	231	35.38	\$359.00
Intel Core i7-8705G @ 3.10GHz	9936	355	7.05	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10539	308	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	372	NA	NA
Intel Core i7-870S @ 2.67GHz	4849	922	NA	NA
Intel Core i7-8750H @ 2.20GHz	12409	236	31.42	\$395.00*
Intel Core i7-875K @ 2.93GHz	5421	810	15.63	\$346.78*
Intel Core i7-880 @ 3.07GHz	5505	800	9.44	\$583.00*
Intel Core i7-8809G @ 3.10GHz	10980	281	NA	NA
Intel Core i7-8850H @ 2.60GHz	13045	220	33.03	\$395.00*
Intel Core i7-920 @ 2.67GHz	4915	906	119.90	\$41.00
Intel Core i7-920XM @ 2.00GHz	3724	1151	9.31	\$399.95*
Intel Core i7-930 @ 2.80GHz	5134	858	46.68	\$109.99
Intel Core i7-940 @ 2.93GHz	5332	831	51.28	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3967	1091	NA	NA
Intel Core i7-950 @ 3.07GHz	5541	795	135.19	\$40.99*
Intel Core i7-960 @ 3.20GHz	5800	760	20.71	\$280.00
Intel Core i7-965 @ 3.20GHz	5850	755	41.79	\$139.99*
Intel Core i7-970 @ 3.20GHz	8359	509	16.72	\$499.95*
Intel Core i7-9700 @ 3.00GHz	16302	128	49.40	\$329.99
Intel Core i7-9700F @ 3.00GHz	16518	120	47.33	\$349.00
Intel Core i7-9700K @ 3.60GHz	17177	108	47.85	\$359.00
Intel Core i7-9700KF @ 3.60GHz	17307	105	54.09	\$319.99
Intel Core i7-9700T @ 2.00GHz	13268	213	41.08	\$323.00*
Intel Core i7-975 @ 3.33GHz	6119	728	14.75	\$414.90*
Intel Core i7-9750H @ 2.60GHz	13653	201	NA	NA
Intel Core i7-980 @ 3.33GHz	8647	482	43.24	\$199.98*
Intel Core i7-9800X @ 3.80GHz	19727	75	32.88	\$599.99
Intel Core i7-980X @ 3.33GHz	8751	473	9.62	\$909.99
Intel Core i7-985 @ 3.47GHz	6641	680	NA	NA
Intel Core i7-9850H @ 2.60GHz	14368	179	36.38	\$395.00*

CPU Name	PCMark CPU Mark (higher is better)	367 Rank (lower is better)	25.91 CPU Value (higher is better)	\$349.99* Price (USD)
Intel Core i7-990X @ 3.47GHz	436	367	25.91	\$349.99*
Intel Core i7-995X @ 3.60GHz	45	45	23.04	\$949.99
Intel Core i9-7900X @ 3.30GHz	23285	35	20.25	\$1,149.99*
Intel Core i9-7920X @ 2.90GHz	25368	19	20.46	\$1,239.99*
Intel Core i9-7960X @ 2.80GHz	26080	14	19.32	\$1,349.99*
Intel Core i9-7980XE @ 2.60GHz	27705	11	14.36	\$1,929.99*
Intel Core i9-8950HK @ 2.90GHz	14257	183	24.46	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21599	49	28.80	\$749.99
Intel Core i9-9880H @ 2.30GHz	16322	126	29.36	\$556.00*
Intel Core i9-9900 @ 3.10GHz	19284	81	43.83	\$439.99
Intel Core i9-9900K @ 3.60GHz	20197	66	40.80	\$494.99
Intel Core i9-9900KF @ 3.60GHz	20551	60	48.93	\$419.99
Intel Core i9-9900X @ 3.50GHz	23008	37	25.01	\$919.99
Intel Core i9-9920X @ 3.50GHz	25456	18	20.61	\$1,235.21
Intel Core i9-9940X @ 3.30GHz	27142	12	24.68	\$1,099.99
Intel Core i9-9960X @ 3.10GHz	28030	9	20.02	\$1,399.99
Intel Core i9-9980HK @ 2.40GHz	17847	98	30.61	\$583.00*
Intel Core i9-9980XE @ 3.00GHz	29628	4	15.47	\$1,914.99
Intel Core M-5Y10 @ 0.80GHz	2653	1473	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1574	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2815	1423	10.02	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1416	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2508	1527	NA	NA
Intel Core M-5Y70 @ 1.10GHz	2911	1389	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2991	1360	10.65	\$281.00*
Intel Core m3-6Y30 @ 0.90GHz	3025	1348	10.77	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3528	1200	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1255	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3562	1188	12.68	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3351	1244	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3225	1282	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3459	1217	NA	NA
Intel Core Solo T1300 @ 1.66GHz	393	2645	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2638	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2555	NA	NA
Intel Core Solo U1300 @ 1.06GHz	273	2798	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2792	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2713	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2225	6.57	\$159.95*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2168	23.15	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1270	2104	17.84	\$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1384	2032	8.77	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	1994	54.88	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1108	2192	85.33	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2150	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1288	2088	43.03	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1360	2049	27.21	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	2005	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1499	1986	100.27	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1554	1957	103.68	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1886	56.45	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1714	1869	166.47	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1946	1755	38.94	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1628	1925	33.24	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1726	1859	43.29	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1769	1839	61.05	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1874	1794	125.03	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1964	1745	16.38	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1490	1989	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1761	1841	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1883	1790	37.67	\$49.99*

Intel Core2 Duo E8235 @ 2.80GHz CPU Name	Passmark CPU Mark (higher is better)	1748 Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)*
Intel Core2 Duo E8290 @ 2.83GHz				
Intel Core2 Duo E8300 @ 2.83GHz				
Intel Core2 Duo E8335 @ 2.66GHz	1846	1805	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1677	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2149	1667	47.24	\$45.50*
Intel Core2 Duo E8435 @ 3.06GHz	2116	1680	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2281	1611	57.06	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2400	1568	56.54	\$42.45*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1647	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2387	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2426	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2361	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2350	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	959	2287	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2275	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2184	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1080	2214	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1345	2055	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	2087	64.48	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1307	2075	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	2020	35.43	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2301	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1973	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1452	2004	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2240	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1453	2003	4.89	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1965	31.25	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1927	42.77	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1741	1855	30.55	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1954	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1753	1849	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1754	1847	17.72	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1864	1799	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2015	1724	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2471	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1251	2116	4.95	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1678	1893	5.91	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	925	2310	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	833	2356	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	839	2355	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2366	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	932	2307	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2320	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2323	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2314	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1039	2230	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2234	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2264	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1094	2202	109.58	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1116	2186	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1200	2143	75.48	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1148	2173	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2135	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2128	81.79	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1285	2092	85.77	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1258	2109	32.70	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1360	2047	72.00	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1360	2050	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1019	2242	46.36	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	2162	11.68	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1116	2183	5.54	\$201.48*

Intel CPU Name	Passmark CPU Mark (higher is better)	2144 Rank (lower is better)	38.50 CPU Value (higher is better)	\$30.99* Price (USD)
Intel Core2 Duo T7300 @ 2.00GHz	1250	2039	NA	NA
Intel Core2 Duo T7400 @ 2.16GHz	1271	2017	10.17	\$139.95*
Intel Core2 Duo T7500 @ 2.20GHz	1378	1941	2.63	\$607.99*
Intel Core2 Duo T7600 @ 2.33GHz	1423	2081	1.30	\$999.99*
Intel Core2 Duo T7700 @ 2.40GHz	1597	1996	13.52	\$108.95*
Intel Core2 Duo T7800 @ 2.60GHz	1298	1896	28.86	\$57.99*
Intel Core2 Duo T8100 @ 2.10GHz	1473	1856	38.70	\$44.95*
Intel Core2 Duo T8300 @ 2.40GHz	1673	1833	NA	NA
Intel Core2 Duo T9300 @ 2.50GHz	1739	1827	6.04	\$298.95*
Intel Core2 Duo T9400 @ 2.53GHz	1793	1763	21.43	\$89.95*
Intel Core2 Duo T9500 @ 2.60GHz	1806	1723	4.76	\$423.89*
Intel Core2 Duo T9550 @ 2.66GHz	1927	1671	5.35	\$398.95*
Intel Core2 Duo T9600 @ 2.80GHz	2016	2335	NA	NA
Intel Core2 Duo T9800 @ 2.93GHz	2134	2469	NA	NA
Intel Core2 Duo T9900 @ 3.06GHz	874	2433	NA	NA
Intel Core2 Duo U7300 @ 1.30GHz	590	2419	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	668	2346	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	700	2180	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	855	1888	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	1128	1169	3.25	\$1,125.00*
Intel Core2 Duo U9600 @ 1.60GHz	1687	1172	2.43	\$1,495.95*
Intel Core2 Duo X7360 @ 2.53GHz	3655	1219	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3632	1793	7.11	\$263.64*
Intel Core2 Extreme Q6850 @ 3.00GHz	3457	1830	NA	NA
Intel Core2 Extreme Q9300 @ 2.53GHz	1875	1802	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1802	2063	NA	NA
Intel Core2 Extreme X7800 @ 2.60GHz	182	1891	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1782	4.62	\$409.95*
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1703	2.43	\$851.00*
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1057	4.83	\$859.99*
Intel Core2 Extreme X9100 @ 3.06GHz	2068	988	NA	NA
Intel Core2 Extreme X9650 @ 3.00GHz	4156	962	2.87	\$1,608.95*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	956	2.57	\$1,805.95*
Intel Core2 Extreme X9770 @ 3.20GHz	4614	1376	73.75	\$39.98*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	1263	72.94	\$44.99*
Intel Core2 Quad Q6600 @ 2.40GHz	2948	1427	122.23	\$22.99*
Intel Core2 Quad Q6700 @ 2.66GHz	3281	1364	59.61	\$49.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2809	1306	13.17	\$239.95*
Intel Core2 Quad Q8300 @ 2.50GHz	2980	1518	6.49	\$389.00*
Intel Core2 Quad Q8400 @ 2.66GHz	3160	1275	8.40	\$385.89*
Intel Core2 Quad Q9000 @ 2.00GHz	2525	1308	15.83	\$199.50*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1251	69.52	\$48.03*
Intel Core2 Quad Q9300 @ 2.50GHz	3157	1143	105.25	\$35.70*
Intel Core2 Quad Q9400 @ 2.66GHz	3339	1203	100.60	\$34.99*
Intel Core2 Quad Q9450 @ 2.66GHz	3757	1199	18.59	\$190.00*
Intel Core2 Quad Q9500 @ 2.83GHz	3519	1094	89.09	\$44.49*
Intel Core2 Quad Q9505 @ 2.83GHz	3531	1056	37.82	\$109.95*
Intel Core2 Quad Q9550 @ 2.83GHz	3963	1098	NA	NA
Intel Core2 Quad Q9650 @ 3.00GHz	4158	2684	NA	NA
Intel Core2 Quad Q9705 @ 3.16GHz	3947	2734	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2612	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2559	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	1438	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	464	1449	NA	NA
Intel E3000 @ 3.40GHz	2767	1616	16.97	\$134.00*
Intel Pentium 1403 @ 2.60GHz	2742	1569	17.90	\$134.00*
Intel Pentium 1403 v2 @ 2.60GHz	3018	1911	12.35	\$134.00*
Intel Pentium 2020M @ 2.40GHz	2274	1824	13.59	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2398	2219	7.93	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1654			
Intel Pentium 2127U @ 1.90GHz	1821			
Intel Pentium 2129Y @ 1.10GHz	1062			



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
Intel Pentium 3550M @ 2.30GHz	1613	1613	NA	NA
Intel Pentium 3556U @ 1.70GHz	169	1887	NA	NA
Intel Pentium 3558U @ 1.70GHz	1892	1892	NA	NA
Intel Pentium 3560M @ 2.40GHz	2269	1621	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2106	NA	NA
Intel Pentium 3805U @ 1.90GHz	1978	1738	NA	NA
Intel Pentium 3825U @ 1.90GHz	2519	1522	NA	NA
Intel Pentium 4 1.40GHz	164	2899	NA	NA
Intel Pentium 4 1.50GHz	131	2916	NA	NA
Intel Pentium 4 1.60GHz	129	2918	NA	NA
Intel Pentium 4 1.70GHz	132	2915	NA	NA
Intel Pentium 4 1.80GHz	161	2902	NA	NA
Intel Pentium 4 1.90GHz	159	2903	NA	NA
Intel Pentium 4 1300MHz	119	2922	NA	NA
Intel Pentium 4 1400MHz	127	2919	NA	NA
Intel Pentium 4 1500MHz	125	2920	NA	NA
Intel Pentium 4 1600MHz	193	2880	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2906	NA	NA
Intel Pentium 4 1800MHz	162	2901	NA	NA
Intel Pentium 4 2.00GHz	189	2881	NA	NA
Intel Pentium 4 2.20GHz	209	2863	NA	NA
Intel Pentium 4 2.26GHz	221	2851	NA	NA
Intel Pentium 4 2.40GHz	228	2845	NA	NA
Intel Pentium 4 2.50GHz	245	2829	NA	NA
Intel Pentium 4 2.53GHz	248	2825	NA	NA
Intel Pentium 4 2.60GHz	288	2771	NA	NA
Intel Pentium 4 2.66GHz	254	2817	NA	NA
Intel Pentium 4 2.80GHz	322	2719	NA	NA
Intel Pentium 4 2.93GHz	293	2762	NA	NA
Intel Pentium 4 3.00GHz	353	2691	NA	NA
Intel Pentium 4 3.06GHz	347	2694	NA	NA
Intel Pentium 4 3.20GHz	373	2665	NA	NA
Intel Pentium 4 3.40GHz	395	2640	NA	NA
Intel Pentium 4 3.46GHz	454	2573	NA	NA
Intel Pentium 4 3.60GHz	487	2535	NA	NA
Intel Pentium 4 3.73GHz	486	2537	NA	NA
Intel Pentium 4 3.80GHz	485	2539	NA	NA
Intel Pentium 4 3.83GHz	195	2876	NA	NA
Intel Pentium 4 4.00GHz	184	2886	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2909	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2875	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2892	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2864	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2895	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2862	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2871	NA	NA
Intel Pentium 4405U @ 2.10GHz	2931	1381	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1706	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2050	1711	12.73	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3151	1311	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2226	1642	13.83	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3243	1274	20.15	\$161.00*
Intel Pentium 5 2.66GHz	705	2414	NA	NA
Intel Pentium 5405U @ 2.30GHz	3256	1269	20.23	\$161.00*
Intel Pentium 957 @ 1.20GHz	1095	2200	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1139	2179	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2174	NA	NA
Intel Pentium 987 @ 1.50GHz	1228	2126	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	2026	NA	NA
Intel Pentium A1018 @ 2.10GHz	1605	1936	NA	NA
Intel Pentium B940 @ 2.00GHz	1726	1860	57.66	\$29.94*
Intel Pentium B950 @ 2.10GHz	1716	1866	NA	NA

Intel CPU Name	Benchmark CPU Mark (higher is better)	1802 Rank (lower is better)	37.84 CPU Value (higher is better)	\$48.99* Price (USD)
Intel Pentium B960 @ 2.20GHz	1952	1802	37.84	\$48.99*
Intel Pentium B970 @ 2.30GHz	1952	1802	37.84	\$48.99*
Intel Pentium B980 @ 2.40GHz	2026	1802	37.84	\$48.99*
Intel Pentium D 805 @ 2.66GHz	529	2503	NA	NA
Intel Pentium D 830 @ 3.00GHz	641	2446	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2474	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2411	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2399	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2369	NA	NA
Intel Pentium D1508 @ 2.20GHz	3813	1129	29.56	\$129.00*
Intel Pentium E2140 @ 1.60GHz	870	2336	5.51	\$157.95*
Intel Pentium E2160 @ 1.80GHz	998	2257	64.38	\$15.51
Intel Pentium E2180 @ 2.00GHz	1087	2205	36.26	\$29.99
Intel Pentium E2200 @ 2.20GHz	1202	2141	16.04	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2154	NA	NA
Intel Pentium E2220 @ 2.40GHz	1330	2064	15.47	\$85.99*
Intel Pentium E5200 @ 2.50GHz	1486	1990	41.37	\$35.94
Intel Pentium E5300 @ 2.60GHz	1538	1964	66.91	\$22.99
Intel Pentium E5400 @ 2.70GHz	1597	1942	121.77	\$13.12
Intel Pentium E5500 @ 2.80GHz	1636	1920	62.96	\$25.99
Intel Pentium E5700 @ 3.00GHz	1737	1858	115.89	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1889	1788	62.99	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1705	1877	165.57	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1763	1840	11.17	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1861	1800	18.62	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1931	1761	135.08	\$14.30
Intel Pentium E6800 @ 3.33GHz	1988	1734	22.34	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2322	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2284	NA	NA
Intel Pentium G2010 @ 2.80GHz	2596	1491	74.42	\$34.89*
Intel Pentium G2020 @ 2.90GHz	2754	1447	45.94	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2418	1559	50.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2870	1408	71.77	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2487	1538	38.86	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1443	NA	NA
Intel Pentium G2120 @ 3.10GHz	3079	1334	19.30	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3199	1289	64.00	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3384	1237	41.28	\$82.00*
Intel Pentium G3220 @ 3.00GHz	3127	1317	27.43	\$114.00
Intel Pentium G3220T @ 2.60GHz	2555	1509	36.52	\$69.99*
Intel Pentium G3240 @ 3.10GHz	3156	1309	33.32	\$94.73
Intel Pentium G3240T @ 2.70GHz	2840	1412	NA	NA
Intel Pentium G3250 @ 3.20GHz	3242	1276	29.48	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2971	1368	33.02	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3868	1112	24.98	\$154.88
Intel Pentium G3260 @ 3.30GHz	3360	1242	24.00	\$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1382	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1571	NA	NA
Intel Pentium G3420 @ 3.20GHz	3397	1231	23.76	\$143.00
Intel Pentium G3420T @ 2.70GHz	3008	1354	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1233	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3319	1253	20.75	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1325	NA	NA
Intel Pentium G3450 @ 3.40GHz	3700	1159	37.01	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1371	NA	NA
Intel Pentium G3460 @ 3.50GHz	3582	1184	12.43	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3714	1157	35.62	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3540	1194	32.36	\$109.40
Intel Pentium G4400T @ 2.90GHz	3163	1303	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1406	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3794	1131	44.09	\$86.07
Intel Pentium G4500T @ 3.00GHz	3471	1214	NA	NA



Intel Pentium G4520 @ 3.50GHz	4863	1051	40.24	\$103.99*
CPU Name	Mark 3990 (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G4560T @ 2.90GHz	4863	1051	40.24	\$103.99*
Intel Pentium G4600 @ 3.60GHz	5075	868	21.15	\$239.95
Intel Pentium G4600T @ 3.00GHz	4266	1038	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5211	846	45.85	\$113.66*
Intel Pentium G620 @ 2.60GHz	2289	1606	91.63	\$24.99*
Intel Pentium G620T @ 2.20GHz	2033	1716	25.42	\$79.99*
Intel Pentium G630 @ 2.70GHz	2371	1579	23.72	\$100.00*
Intel Pentium G630T @ 2.30GHz	2089	1692	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2520	1521	16.81	\$150.00*
Intel Pentium G640T @ 2.40GHz	1979	1737	NA	NA
Intel Pentium G645 @ 2.90GHz	2592	1493	16.20	\$160.00*
Intel Pentium G645T @ 2.50GHz	2255	1626	NA	NA
Intel Pentium G6950 @ 2.80GHz	1859	1801	46.49	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1670	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2059	1707	NA	NA
Intel Pentium G840 @ 2.80GHz	2561	1506	73.21	\$34.99*
Intel Pentium G850 @ 2.90GHz	2668	1471	22.47	\$118.77*
Intel Pentium G860 @ 3.00GHz	2735	1453	91.21	\$29.99*
Intel Pentium G870 @ 3.10GHz	2816	1422	29.03	\$97.00*
Intel Pentium Gold G5400 @ 3.70GHz	5196	849	71.46	\$72.72
Intel Pentium Gold G5400T @ 3.10GHz	5048	877	78.89	\$64.00*
Intel Pentium Gold G5420 @ 3.80GHz	5407	815	59.32	\$91.17
Intel Pentium Gold G5500 @ 3.80GHz	5195	850	30.57	\$169.94*
Intel Pentium Gold G5500T @ 3.20GHz	4346	1018	57.95	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5664	777	52.27	\$108.36
Intel Pentium III 1133 @ 1133MHz	284	2776	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2791	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2736	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2755	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2752	NA	NA
Intel Pentium III 933S @ 933MHz	238	2837	NA	NA
Intel Pentium III Mobile 1000MHz	245	2828	NA	NA
Intel Pentium III Mobile 1066MHz	246	2827	NA	NA
Intel Pentium III Mobile 1133MHz	251	2821	NA	NA
Intel Pentium III Mobile 1200MHz	240	2835	NA	NA
Intel Pentium III Mobile 750MHz	103	2925	NA	NA
Intel Pentium III Mobile 800MHz	182	2889	NA	NA
Intel Pentium III Mobile 866MHz	152	2907	NA	NA
Intel Pentium III Mobile 933MHz	218	2853	7.55	\$28.99
Intel Pentium J2850 @ 2.41GHz	1839	1812	NA	NA
Intel Pentium J2900 @ 2.41GHz	1975	1740	NA	NA
Intel Pentium J3710 @ 1.60GHz	1923	1767	NA	NA
Intel Pentium J4205 @ 1.50GHz	2269	1620	NA	NA
Intel Pentium M 1.10GHz	282	2782	NA	NA
Intel Pentium M 1.20GHz	298	2753	NA	NA
Intel Pentium M 1.30GHz	301	2746	NA	NA
Intel Pentium M 1.40GHz	345	2698	NA	NA
Intel Pentium M 1.50GHz	366	2675	NA	NA
Intel Pentium M 1.60GHz	364	2678	NA	NA
Intel Pentium M 1.70GHz	406	2623	NA	NA
Intel Pentium M 1.73GHz	413	2614	NA	NA
Intel Pentium M 1.80GHz	411	2616	NA	NA
Intel Pentium M 1.86GHz	439	2590	NA	NA
Intel Pentium M 1000MHz	233	2841	NA	NA
Intel Pentium M 1100MHz	259	2813	NA	NA
Intel Pentium M 1200MHz	237	2838	NA	NA
Intel Pentium M 1300MHz	303	2740	NA	NA
Intel Pentium M 1400MHz	320	2721	NA	NA
Intel Pentium M 1500MHz	354	2688	NA	NA
Intel Pentium M 1600MHz	335	2708	NA	NA

Intel Pentium M 1700MHz CPU Name	Passmark CPU Mark (higher is better)	2660 Bank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
Intel Pentium M 2.00GHz	448			
Intel Pentium M 2.10GHz				
Intel Pentium M 2.13GHz	502	2525	NA	NA
Intel Pentium M 2.26GHz	509	2521	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2544	NA	NA
Intel Pentium M 900MHz	217	2857	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1971	NA	NA
Intel Pentium N3520 @ 2.16GHz	1808	1826	NA	NA
Intel Pentium N3530 @ 2.16GHz	1912	1773	NA	NA
Intel Pentium N3540 @ 2.16GHz	1934	1760	7.71	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1837	1813	4.13	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1865	1797	NA	NA
Intel Pentium N4200 @ 1.10GHz	2036	1714	8.70	\$233.98*
Intel Pentium P6000 @ 1.87GHz	1243	2121	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	2066	46.63	\$28.44*
Intel Pentium P6200 @ 2.13GHz	1350	2053	30.04	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	2037	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2906	1397	13.22	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2462	1545	15.30	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2624	NA	NA
Intel Pentium SU4100 @ 1.30GHz	853	2347	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2351	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2435	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2415	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2412	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2401	NA	NA
Intel Pentium T2330 @ 1.60GHz	831	2357	NA	NA
Intel Pentium T2370 @ 1.73GHz	847	2349	24.21	\$35.00*
Intel Pentium T2390 @ 1.86GHz	948	2295	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2272	NA	NA
Intel Pentium T3200 @ 2.00GHz	1031	2233	85.96	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1113	2188	12.38	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1151	2171	95.94	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1231	2125	NA	NA
Intel Pentium T4400 @ 2.20GHz	1284	2094	NA	NA
Intel Pentium T4500 @ 2.30GHz	1333	2062	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2364	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2292	NA	NA
Intel T1200 @ 1.50GHz	435	2596	NA	NA
Intel T1400 @ 1.73GHz	929	2308	NA	NA
Intel T1500 @ 1.86GHz	953	2291	NA	NA
Intel T2050 @ 2.00GHz	959	2288	NA	NA
Intel Xeon 1500MHz	193	2879	NA	NA
Intel Xeon 2.00GHz	233	2840	NA	NA
Intel XEON 2.20GHz	252	2819	NA	NA
Intel Xeon 2.40GHz	276	2794	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2595	NA	NA
Intel Xeon 2.80GHz	400	2636	NA	NA
Intel Xeon 3.00GHz	391	2649	NA	NA
Intel Xeon 3.06GHz	491	2531	NA	NA
Intel Xeon 3.20GHz	461	2566	NA	NA
Intel Xeon 3.40GHz	478	2548	NA	NA
Intel Xeon 3.60GHz	509	2520	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2229	NA	NA
Intel Xeon 3.80GHz	604	2463	0.71	\$851.00*
Intel Xeon 3040 @ 1.86GHz	1278	2098	51.05	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2078	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1972	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1970	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1836	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1811	5.26	\$349.95*

Intel Xeon 3085 @ 3.00GHz	Passmark CPU Mark (higher is better)	1952 Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
Intel Xeon E-1110 @ 1.60GHz	1248	2209	30.99	\$35.00*
Intel Xeon 5120 @ 1.86GHz		2120	0.77	\$1,619.99*
Intel Xeon 5130 @ 2.00GHz	1366	2042	43.44	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1940	NA	NA
Intel Xeon 5140 @ 2.33GHz	1644	1914	65.81	\$24.99*
Intel Xeon 5148 @ 2.33GHz	1590	1946	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1752	1850	12.52	\$139.95*
Intel Xeon 5160 @ 3.00GHz	1956	1747	52.18	\$37.49*
Intel Xeon @ 2.00GHz	11327	266	NA	NA
Intel Xeon @ 2.20GHz	1902	1778	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5582	789	23.27	\$239.87
Intel Xeon Bronze 3106 @ 1.70GHz	6890	652	15.18	\$454.00*
Intel Xeon D-1518 @ 2.20GHz	5322	832	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	769	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	639	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	516	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9643	383	27.71	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	572	13.54	\$571.00*
Intel Xeon D-1539 @ 1.60GHz	8443	501	17.37	\$486.00*
Intel Xeon D-1540 @ 2.00GHz	10740	295	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11064	275	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	299	19.24	\$555.00*
Intel Xeon D-1557 @ 1.50GHz	10950	284	15.78	\$694.00*
Intel Xeon D-1559 @ 1.50GHz	8055	531	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	176	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	188	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8140	523	38.22	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	226	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	195	24.41	\$566.00*
Intel Xeon D-2146NT @ 2.30GHz	10968	282	17.11	\$641.00*
Intel Xeon D-2183IT @ 2.20GHz	19381	80	10.99	\$1,764.00*
Intel Xeon E-2104G @ 3.20GHz	7825	560	40.54	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9489	394	43.13	\$219.99*
Intel Xeon E-2124G @ 3.40GHz	9856	363	41.22	\$239.12*
Intel Xeon E-2126G @ 3.30GHz	13570	204	45.24	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10882	289	39.14	\$278.03
Intel Xeon E-2136 @ 3.30GHz	15773	147	48.61	\$324.46*
Intel Xeon E-2144G @ 3.60GHz	11466	262	32.59	\$351.90*
Intel Xeon E-2146G @ 3.50GHz	15593	148	43.93	\$354.99*
Intel Xeon E-2174G @ 3.80GHz	12250	244	33.34	\$367.42
Intel Xeon E-2176G @ 3.70GHz	15583	149	38.20	\$407.99
Intel Xeon E-2176M @ 2.70GHz	13518	207	30.04	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	16017	138	30.51	\$524.99*
Intel Xeon E-2186M @ 2.90GHz	14554	174	23.36	\$623.00*
Intel Xeon E-2224 @ 3.40GHz	10525	309	53.16	\$198.00*
Intel Xeon E-2224G @ 3.50GHz	10008	344	45.91	\$218.00*
Intel Xeon E-2246G @ 3.60GHz	16667	117	53.59	\$311.00*
Intel Xeon E-2276M @ 2.80GHz	14626	172	32.50	\$450.00*
Intel Xeon E-2286M @ 2.40GHz	18421	91	29.57	\$623.00*
Intel Xeon E3-1220 @ 3.10GHz	6241	712	124.86	\$49.99
Intel Xeon E3-1220 V2 @ 3.10GHz	6727	669	74.50	\$90.30
Intel Xeon E3-1220 v3 @ 3.10GHz	7167	625	17.48	\$409.95
Intel Xeon E3-1220 v5 @ 3.00GHz	7772	567	29.17	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7769	568	39.04	\$199.00
Intel Xeon E3-1220L @ 2.20GHz	3606	1177	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	1004	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1686	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	6086	737	95.12	\$63.99*
Intel Xeon E3-1225 V2 @ 3.20GHz	6950	646	81.78	\$84.99
Intel Xeon E3-1225 v3 @ 3.20GHz	7235	619	46.99	\$153.99
Intel Xeon E3-1225 v5 @ 3.30GHz	7824	561	28.42	\$275.30

CPU Name	Passmark CPU Mark (higher is better)	548 Rank (lower is better)	34.04 CPU Value (higher is better)	\$233.80 Price (USD)
Intel Xeon E3-1225 v6 @ 3.30GHz	7561	554	37.91	\$209.00
Intel Xeon E3-1226 v3 @ 3.30GHz	7561	554	37.91	\$209.00
Intel Xeon E3-1230 @ 3.20GHz	8867	463	113.69	\$78.00
Intel Xeon E3-1230 V2 @ 3.30GHz	9320	411	43.35	\$215.00
Intel Xeon E3-1230 v5 @ 3.40GHz	9739	376	22.56	\$431.65*
Intel Xeon E3-1230 v6 @ 3.50GHz	9742	375	34.92	\$279.00
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	620	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9625	386	18.88	\$509.95
Intel Xeon E3-1235 @ 3.20GHz	7751	570	31.77	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	694	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7974	547	77.43	\$102.99
Intel Xeon E3-1240 V2 @ 3.40GHz	9161	424	67.37	\$135.99
Intel Xeon E3-1240 v3 @ 3.40GHz	9671	381	25.16	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10371	316	30.36	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10458	314	36.30	\$288.10
Intel Xeon E3-1240L v3 @ 2.00GHz	7486	593	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	564	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10010	343	27.06	\$369.99
Intel Xeon E3-1245 @ 3.30GHz	8039	534	51.88	\$154.95
Intel Xeon E3-1245 V2 @ 3.40GHz	9128	427	35.80	\$255.00
Intel Xeon E3-1245 v3 @ 3.40GHz	9582	387	37.58	\$255.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10162	332	29.43	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10515	310	33.39	\$314.94
Intel Xeon E3-1246 v3 @ 3.50GHz	9864	362	24.12	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6266	710	73.18	\$85.62
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	326	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	5961	744	6.49	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7455	599	24.44	\$305.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9188	423	12.94	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	438	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	557	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	477	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8260	512	26.22	\$315.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9462	399	49.80	\$189.99
Intel Xeon E3-1270 v3 @ 3.50GHz	9919	357	49.60	\$199.99
Intel Xeon E3-1270 v5 @ 3.60GHz	10297	320	26.14	\$394.00
Intel Xeon E3-1270 v6 @ 3.80GHz	11157	271	32.95	\$338.61
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	297	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10096	338	11.37	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8122	526	26.72	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9433	404	23.90	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	10048	341	25.06	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10367	317	24.97	\$415.13*
Intel Xeon E3-1275 v6 @ 3.80GHz	11028	277	29.86	\$369.28
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	459	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10204	328	9.51	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8448	499	25.43	\$332.20
Intel Xeon E3-1280 V2 @ 3.60GHz	9451	401	11.00	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9827	365	21.89	\$449.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	301	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11041	276	19.81	\$557.39
Intel Xeon E3-1281 v3 @ 3.70GHz	10276	324	11.71	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	313	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	312	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11992	251	26.65	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	349	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	283	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	358	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	393	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8768	471	9.91	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	380	10.97	\$885.00*

CPU Name	Passmark CPU Mark (higher is better)	704 Benchmark (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
Intel Xeon E3-1505L v5 @ 2.00GHz	7887	455	NA	NA
Intel Xeon E3-1505L v6 @ 2.20GHz	9949	382	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	9658	382	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9658	382	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	9952	354	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9345	408	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10558	307	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10294	323	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10614	304	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	294	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	334	22.78	\$445.00*
Intel Xeon E3110 @ 3.00GHz	2157	1665	93.86	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1556	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1636	NA	NA
Intel Xeon E5-1410 @ 2.80GHz	7265	615	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	600	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5571	792	278.73	\$19.99
Intel Xeon E5-1603 v3 @ 2.80GHz	6204	718	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	696	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5893	751	210.87	\$27.95*
Intel Xeon E5-1607 v2 @ 3.00GHz	6217	716	177.91	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	7039	635	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7256	616	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9069	434	139.54	\$65.00*
Intel Xeon E5-1620 v2 @ 3.70GHz	9499	392	161.03	\$58.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9746	374	60.92	\$159.99
Intel Xeon E5-1620 v4 @ 3.50GHz	9933	356	29.73	\$334.13
Intel Xeon E5-1630 v3 @ 3.70GHz	10218	327	17.09	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10296	321	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11735	258	23.71	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12744	229	106.25	\$119.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13620	203	84.95	\$160.34
Intel Xeon E5-1650 v4 @ 3.60GHz	14226	184	28.01	\$508.00
Intel Xeon E5-1660 @ 3.30GHz	12272	243	10.00	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13808	197	7.63	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14678	169	9.08	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16203	133	13.18	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16235	131	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16442	121	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17122	110	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	94	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1202	113.71	\$30.99*
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1224	94.99	\$35.99*
Intel Xeon E5-2407 @ 2.20GHz	4188	1050	229.76	\$18.23*
Intel Xeon E5-2407 v2 @ 2.40GHz	4648	953	40.23	\$115.56*
Intel Xeon E5-2418L @ 2.00GHz	5202	848	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7063	634	18.11	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8691	479	72.15	\$120.46
Intel Xeon E5-2430 @ 2.20GHz	7695	575	202.51	\$38.00
Intel Xeon E5-2430 v2 @ 2.50GHz	8991	444	29.00	\$310.00*
Intel Xeon E5-2430L @ 2.00GHz	7834	558	242.71	\$32.28*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	681	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9221	420	230.59	\$39.99
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	412	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	454	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10196	329	156.90	\$64.99
Intel Xeon E5-2450L @ 1.80GHz	8261	511	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	11095	274	86.69	\$128.00
Intel Xeon E5-2470 v2 @ 2.40GHz	11268	268	77.19	\$145.99
Intel Xeon E5-2603 @ 1.80GHz	3580	1185	143.58	\$24.94*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1139	62.78	\$59.99*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	854	75.07	\$69.00



Intel Xeon E5-2603 v4 @ 1.70GHz	Passmark CPU Mark (higher is better)	809 Bank (lower is better)	20.89 CPU Value (higher is better)	\$260.00* Price (USD)
Intel Xeon E5-2608L v3 @ 2.00GHz	489	555	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz		967	76.48	\$60.17
Intel Xeon E5-2609 v2 @ 2.50GHz	5146	857	35.27	\$145.93
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	749	9.53	\$619.07
Intel Xeon E5-2609 v4 @ 1.70GHz	6905	651	19.20	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	247	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	173	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7925	550	376.49	\$21.05
Intel Xeon E5-2620 v2 @ 2.10GHz	8618	484	60.48	\$142.50
Intel Xeon E5-2620 v3 @ 2.40GHz	9965	352	118.64	\$84.00
Intel Xeon E5-2620 v4 @ 2.10GHz	11362	265	29.59	\$383.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	446	13.85	\$649.00
Intel Xeon E5-2623 v4 @ 2.60GHz	8506	492	15.50	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	405	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	239	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	219	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	278	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8923	457	105.29	\$84.75*
Intel Xeon E5-2630 v2 @ 2.60GHz	10366	318	235.91	\$43.94
Intel Xeon E5-2630 v3 @ 2.40GHz	12796	227	98.43	\$130.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13910	191	21.08	\$659.99*
Intel Xeon E5-2630L @ 2.00GHz	8041	533	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	433	232.44	\$39.10
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	377	28.62	\$339.95*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	225	NA	NA
Intel Xeon E5-2637 @ 3.00GHz	4508	986	5.09	\$885.00*
Intel Xeon E5-2637 v2 @ 3.50GHz	9200	422	108.25	\$84.99*
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	336	32.64	\$309.99
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	311	9.82	\$1,069.95*
Intel Xeon E5-2640 @ 2.50GHz	9445	402	97.76	\$96.62
Intel Xeon E5-2640 v2 @ 2.00GHz	10189	331	54.46	\$187.11*
Intel Xeon E5-2640 v3 @ 2.60GHz	13893	192	79.40	\$174.99
Intel Xeon E5-2640 v4 @ 2.40GHz	15420	153	16.76	\$920.27
Intel Xeon E5-2643 @ 3.30GHz	8456	497	47.07	\$179.64
Intel Xeon E5-2643 v2 @ 3.50GHz	13117	217	119.25	\$110.00
Intel Xeon E5-2643 v3 @ 3.40GHz	13887	193	55.55	\$250.00
Intel Xeon E5-2643 v4 @ 3.40GHz	13475	210	8.97	\$1,502.61
Intel Xeon E5-2648L @ 1.80GHz	6698	674	NA	NA
Intel Xeon E5-2648L v2 @ 1.90GHz	11381	264	7.70	\$1,479.00*
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	263	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	200	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	170	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10266	325	148.79	\$69.00*
Intel Xeon E5-2650 v2 @ 2.60GHz	13220	214	183.49	\$72.05
Intel Xeon E5-2650 v3 @ 2.30GHz	14864	166	83.05	\$178.99
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	145	12.39	\$1,281.12*
Intel Xeon E5-2650L @ 1.80GHz	8550	489	108.24	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	360	72.74	\$135.84*
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	208	51.98	\$259.99
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	187	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	267	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9632	385	6.59	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	194	77.09	\$179.99*
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	129	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	17275	106	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11250	269	170.49	\$65.99
Intel Xeon E5-2660 v2 @ 2.20GHz	13147	216	76.75	\$171.29
Intel Xeon E5-2660 v3 @ 2.60GHz	16213	132	32.17	\$503.98
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	113	11.25	\$1,499.99*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	189	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11736	257	104.45	\$112.37*



CPU Name	PassMark CPU Mark (higher is better)	302 Rank (lower is better)	201.09 CPU Value (higher is better)	\$52.99* Price \$95* (USD)
Intel Xeon E5-2667 @ 2.90GHz	16158	134	18.91	\$559.30
Intel Xeon E5-2667 v2 @ 3.30GHz	16684	115	8.56	\$1,949.03*
Intel Xeon E5-2667 v3 @ 3.20GHz	12370	237	176.72	\$70.00
Intel Xeon E5-2670 @ 2.60GHz	15021	161	94.48	\$159.00
Intel Xeon E5-2670 v2 @ 2.50GHz	16647	118	55.49	\$300.00
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	127	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16401	124	23.43	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	52	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15137	159	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	101	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17015	111	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	21	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12904	224	222.50	\$58.00
Intel Xeon E5-2680 v2 @ 2.80GHz	15915	143	67.73	\$235.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18466	90	35.90	\$514.39
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	70	13.18	\$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	63	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17376	104	34.07	\$509.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	85	8.62	\$2,208.93*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	162	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	82	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	72	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14348	181	66.74	\$214.99
Intel Xeon E5-2687W v2 @ 3.40GHz	16426	122	49.03	\$335.00
Intel Xeon E5-2687W v3 @ 3.10GHz	17795	99	30.16	\$589.99
Intel Xeon E5-2687W v4 @ 3.00GHz	19855	71	9.13	\$2,174.99*
Intel Xeon E5-2689 @ 2.60GHz	13413	212	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	74	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13723	198	103.03	\$133.19
Intel Xeon E5-2690 v2 @ 3.00GHz	16406	123	35.67	\$460.00*
Intel Xeon E5-2690 v3 @ 2.60GHz	19249	83	74.04	\$260.00
Intel Xeon E5-2690 v4 @ 2.60GHz	21167	55	9.75	\$2,169.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	137	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15993	140	61.75	\$258.99
Intel Xeon E5-2695 v3 @ 2.30GHz	19710	77	19.52	\$1,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	64	11.20	\$1,809.00
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	119	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	39	9.00	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	54	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17202	107	45.32	\$379.62
Intel Xeon E5-2697 v3 @ 2.60GHz	21402	53	45.94	\$465.90
Intel Xeon E5-2697 v4 @ 2.30GHz	21506	51	7.04	\$3,054.99*
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	40	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	57	6.15	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	47	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	41	8.92	\$2,509.00*
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	34	3.94	\$5,954.79*
Intel Xeon E5-4603 @ 2.00GHz	5014	887	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	419	NA	NA
Intel Xeon E5-4610 @ 2.40GHz	9552	390	7.81	\$1,223.00*
Intel Xeon E5-4610 v3 @ 1.70GHz	8853	464	7.26	\$1,219.00*
Intel Xeon E5-4617 @ 2.90GHz	9286	414	103.30	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	9113	430	67.91	\$134.21*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	175	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	151	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10701	296	3.92	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	230	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	273	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11685	260	166.96	\$69.99
Intel Xeon E5-4650L @ 2.60GHz	12145	248	101.22	\$119.99*

Intel Xeon E5-4655 v3 @ 2.90GHz	2296	240	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	Rank	CPU Value	Price
CPU Name	Mark	(lower is better)	(higher is better)	(USD)
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	(higher is better)	(higher is better)	(USD)
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	202	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	2024	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1557	27.31	\$88.78*
Intel Xeon E5310 @ 1.60GHz	2264	1622	46.22	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1607	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1526	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2907	1391	72.72	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2833	1415	70.92	\$39.95*
Intel Xeon E5410 @ 2.33GHz	3261	1266	15.61	\$208.95*
Intel Xeon E5420 @ 2.50GHz	3486	1211	55.39	\$62.95
Intel Xeon E5430 @ 2.66GHz	3750	1145	33.79	\$110.99*
Intel Xeon E5440 @ 2.83GHz	3963	1095	40.03	\$99.00
Intel Xeon E5450 @ 3.00GHz	4183	1052	77.47	\$54.00*
Intel Xeon E5462 @ 2.80GHz	3871	1111	141.82	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4085	1071	136.00	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	2038	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1381	2034	4.81	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2680	1466	38.32	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2974	1366	47.21	\$63.01*
Intel Xeon E5507 @ 2.27GHz	3125	1318	6.84	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4379	1012	306.92	\$14.27*
Intel Xeon E5530 @ 2.40GHz	4497	990	18.28	\$246.00*
Intel Xeon E5540 @ 2.53GHz	4747	941	80.46	\$59.00*
Intel Xeon E5603 @ 1.60GHz	2366	1581	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1342	13.95	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3380	1239	48.85	\$69.21*
Intel Xeon E5620 @ 2.40GHz	4777	933	33.22	\$143.81*
Intel Xeon E5630 @ 2.53GHz	5055	876	144.43	\$35.00*
Intel Xeon E5640 @ 2.67GHz	5250	840	187.60	\$27.99*
Intel Xeon E5645 @ 2.40GHz	6424	699	61.14	\$105.08*
Intel Xeon E5649 @ 2.53GHz	6889	653	59.91	\$115.00*
Intel Xeon E7- 2830 @ 2.13GHz	3118	1321	1.75	\$1,779.00*
Intel Xeon E7320 @ 2.13GHz	2413	1561	NA	NA
Intel Xeon Gold 5117 @ 2.00GHz	16672	116	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16389	125	13.65	\$1,200.90
Intel Xeon Gold 5120 @ 2.20GHz	18253	93	11.69	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	95	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10894	288	8.40	\$1,297.50*
Intel Xeon Gold 5218 @ 2.30GHz	22576	38	16.65	\$1,355.99
Intel Xeon Gold 6126 @ 2.60GHz	19711	76	9.81	\$2,008.95*
Intel Xeon Gold 6128 @ 3.40GHz	14941	164	8.49	\$1,759.75*
Intel Xeon Gold 6130 @ 2.10GHz	19643	79	9.85	\$1,995.25
Intel Xeon Gold 6132 @ 2.60GHz	23907	30	10.84	\$2,205.00*
Intel Xeon Gold 6134 @ 3.20GHz	18083	96	7.62	\$2,372.99*
Intel Xeon Gold 6136 @ 3.00GHz	21061	56	8.06	\$2,613.59*
Intel Xeon Gold 6138 @ 2.00GHz	25774	16	9.80	\$2,628.95
Intel Xeon Gold 6140 @ 2.30GHz	23964	29	9.82	\$2,439.99*
Intel Xeon Gold 6144 @ 3.50GHz	19654	78	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	22	5.46	\$4,608.95*
Intel Xeon Gold 6148 @ 2.40GHz	25817	15	8.83	\$2,925.00
Intel Xeon Gold 6152 @ 2.10GHz	23498	32	6.35	\$3,702.12
Intel Xeon Gold 6154 @ 3.00GHz	27722	10	7.09	\$3,909.00*
Intel Xeon Gold 6210U @ 2.50GHz	28560	7	NA	NA
Intel Xeon Gold 6230 @ 2.10GHz	24600	23	11.66	\$2,108.95
Intel Xeon Gold 6242 @ 2.80GHz	25313	20	9.45	\$2,678.99
Intel Xeon L3110 @ 3.00GHz	2273	1618	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1141	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2060	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3943	1101	8.82	\$447.01*

CPU Name	Passmark CPU Mark (higher is better)	1823 Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
Intel Xeon L5238 @ 2.66GHz	2271	1614	20.22	\$112.50*
Intel Xeon L5240 @ 3.00GHz				
Intel Xeon L5310 @ 1.60GHz				
Intel Xeon L5320 @ 1.86GHz	2135	1669	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1445	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3014	1350	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1241	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3503	1207	127.41	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3723	1152	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1156	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4324	1026	337.35	\$12.82
Intel Xeon L5530 @ 2.40GHz	4389	1010	227.93	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4338	1022	206.69	\$20.99
Intel Xeon L5638 @ 2.00GHz	5622	781	80.43	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6869	655	NA	NA
Intel Xeon L5640 @ 2.27GHz	6232	713	207.96	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1120	NA	NA
Intel Xeon MV 3.20GHz	683	2427	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26835	13	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	647	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	5	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	6	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	8	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	24434	27	2.80	\$8,725.00*
Intel Xeon Silver 4108 @ 1.80GHz	10838	293	21.25	\$509.95*
Intel Xeon Silver 4109T @ 2.00GHz	10946	285	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11706	259	28.91	\$405.00
Intel Xeon Silver 4112 @ 2.60GHz	8611	485	16.75	\$513.99*
Intel Xeon Silver 4114 @ 2.20GHz	14295	182	21.50	\$664.87*
Intel Xeon Silver 4116 @ 2.10GHz	15509	152	16.44	\$943.17
Intel Xeon Silver 4123 @ 3.00GHz	15185	157	NA	NA
Intel Xeon Silver 4208 @ 2.10GHz	13116	218	27.79	\$471.98
Intel Xeon Silver 4210 @ 2.20GHz	15974	141	29.04	\$550.00
Intel Xeon Silver 4214 @ 2.20GHz	17722	100	25.17	\$704.00*
Intel Xeon Silver 4215 @ 2.50GHz	15200	156	20.29	\$749.00*
Intel Xeon Silver 4216 @ 2.10GHz	17469	103	18.09	\$965.70
Intel Xeon W-2102 @ 2.90GHz	6954	643	29.59	\$235.05*
Intel Xeon W-2104 @ 3.20GHz	7475	595	29.32	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10675	300	28.56	\$373.77
Intel Xeon W-2125 @ 4.00GHz	12333	238	15.23	\$809.95*
Intel Xeon W-2133 @ 3.60GHz	14385	177	23.32	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16275	130	17.06	\$953.86
Intel Xeon W-2140B @ 3.20GHz	18610	87	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19772	73	16.57	\$1,192.99*
Intel Xeon W-2150B @ 3.00GHz	21543	50	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21856	46	14.28	\$1,530.39*
Intel Xeon W-2170B @ 2.50GHz	24561	25	NA	NA
Intel Xeon W-2175 @ 2.50GHz	24454	26	12.56	\$1,947.00*
Intel Xeon W-2195 @ 2.30GHz	24081	28	8.66	\$2,780.48*
Intel Xeon W-3175X @ 3.10GHz	33538	1	11.02	\$3,043.39
Intel Xeon W-3265 @ 2.70GHz	31691	3	9.46	\$3,349.00*
Intel Xeon W3503 @ 2.40GHz	1756	1845	175.85	\$9.99*
Intel Xeon W3505 @ 2.53GHz	1844	1806	74.18	\$24.86*
Intel Xeon W3520 @ 2.67GHz	4943	899	102.99	\$48.00*
Intel Xeon W3530 @ 2.80GHz	5222	845	17.77	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5412	811	271.73	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5568	793	185.69	\$29.99*
Intel Xeon W3565 @ 3.20GHz	5780	764	82.63	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6047	740	12.60	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6183	720	28.83	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8027	538	16.06	\$499.99*
Intel Xeon W3680 @ 3.33GHz	8915	458	11.73	\$759.95*

CPU Name	Passmark CPU Mark (higher is better)	448 Rank (lower is better)	81.65 CPU Value (higher is better)	\$110.00 Price (USD)
Intel Xeon W3690 @ 3.47GHz	688	448	81.65	\$110.00
Intel Xeon W5580 @ 3.20GHz	758	758	54.53	\$187.03*
Intel Xeon W5590 @ 3.33GHz	607	736	2.43	\$2,508.95*
Intel Xeon X3210 @ 2.13GHz	2739	1450	14.75	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1329	51.35	\$60.15*
Intel Xeon X3230 @ 2.66GHz	3398	1230	47.53	\$71.50*
Intel Xeon X3320 @ 2.50GHz	3306	1258	14.41	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3174	1296	163.95	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3342	1249	15.91	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1126	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1117	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3935	1104	24.91	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3983	1087	116.85	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	1034	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	949	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3341	1250	44.15	\$75.68*
Intel Xeon X3440 @ 2.53GHz	4511	985	31.78	\$141.96*
Intel Xeon X3450 @ 2.67GHz	4749	939	59.40	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5147	856	14.42	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5334	829	35.88	\$148.70*
Intel Xeon X3480 @ 3.07GHz	5661	778	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1547	45.47	\$54.00*
Intel Xeon X5270 @ 3.50GHz	2553	1511	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1570	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3170	1298	10.23	\$309.95*
Intel Xeon X5365 @ 3.00GHz	3524	1201	35.42	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4105	1067	68.47	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4323	1027	94.01	\$45.99*
Intel Xeon X5470 @ 3.33GHz	4578	972	24.22	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4001	1083	17.78	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4529	983	45.30	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	914	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5274	837	17.30	\$304.85*
Intel Xeon X5560 @ 2.80GHz	5405	816	159.04	\$33.99*
Intel Xeon X5570 @ 2.93GHz	5619	782	318.03	\$17.67*
Intel Xeon X5647 @ 2.93GHz	5797	761	290.91	\$19.93*
Intel Xeon X5650 @ 2.67GHz	7306	612	108.40	\$67.40
Intel Xeon X5660 @ 2.80GHz	7591	586	90.24	\$84.12*
Intel Xeon X5667 @ 3.07GHz	6198	719	265.70	\$23.33*
Intel Xeon X5670 @ 2.93GHz	7829	559	260.98	\$30.00
Intel Xeon X5672 @ 3.20GHz	6461	695	143.61	\$44.99*
Intel Xeon X5675 @ 3.07GHz	8028	537	145.99	\$54.99
Intel Xeon X5677 @ 3.47GHz	6773	661	177.87	\$38.08*
Intel Xeon X5679 @ 3.20GHz	8958	451	NA	NA
Intel Xeon X5680 @ 3.33GHz	8359	508	121.16	\$69.00
Intel Xeon X5687 @ 3.60GHz	6984	638	124.01	\$56.32
Intel Xeon X5690 @ 3.47GHz	8800	466	71.56	\$122.99
Intel Xeon X5698 @ 4.40GHz	4272	1036	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1365	NA	NA
Mobile AMD Athlon 1400+	266	2805	NA	NA
Mobile AMD Athlon 2500+	370	2669	NA	NA
Mobile AMD Athlon 4	314	2730	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2685	NA	NA
Mobile AMD Athlon 64 2700+	398	2637	NA	NA
Mobile AMD Athlon 64 2800+	440	2587	NA	NA
Mobile AMD Athlon 64 3000+	450	2575	NA	NA
Mobile AMD Athlon 64 3200+	448	2579	NA	NA
Mobile AMD Athlon 64 3400+	511	2518	NA	NA
Mobile AMD Athlon 64 3700+	435	2597	NA	NA
Mobile AMD Athlon 64 4000+	576	2479	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2806	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2659	NA	NA

Mobile CPU Name	Passmark CPU Mark (higher is better)	Passmark CPU Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
Mobile AMD Athlon MP-M 2400+	246	2759	NA	NA
Mobile AMD Athlon MP-M 2800+	166	2529	NA	NA
Mobile AMD Athlon XP		2483	45.81	\$12.49
Mobile AMD Athlon XP-M	512	2517	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2522	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2767	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2758	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2707	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2666	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2551	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2524	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2887	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2809	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2811	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2717	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2754	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2702	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2748	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2679	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2697	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2695	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2668	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2677	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2676	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2588	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2536	NA	NA
Mobile AMD Sempron 2100+	252	2820	NA	NA
Mobile AMD Sempron 2600+	394	2643	NA	NA
Mobile AMD Sempron 2800+	361	2682	NA	NA
Mobile AMD Sempron 3000+	389	2653	NA	NA
Mobile AMD Sempron 3100+	416	2610	NA	NA
Mobile AMD Sempron 3200+	354	2689	NA	NA
Mobile AMD Sempron 3300+	446	2581	NA	NA
Mobile AMD Sempron 3400+	441	2586	NA	NA
Mobile AMD Sempron 3500+	408	2620	NA	NA
Mobile AMD Sempron 3600+	427	2604	NA	NA
Mobile AMD Sempron 3800+	485	2540	NA	NA
Mobile Intel Celeron 1.20GHz	170	2898	NA	NA
Mobile Intel Celeron 1.50GHz	188	2882	NA	NA
Mobile Intel Celeron 1.60GHz	188	2883	NA	NA
Mobile Intel Celeron 1.70GHz	181	2891	NA	NA
Mobile Intel Celeron 1.80GHz	186	2885	NA	NA
Mobile Intel Celeron 1200MHz	294	2760	NA	NA
Mobile Intel Celeron 1333MHz	280	2788	NA	NA
Mobile Intel Celeron 2.00GHz	204	2867	NA	NA
Mobile Intel Celeron 2.20GHz	226	2847	NA	NA
Mobile Intel Celeron 2.40GHz	236	2839	NA	NA
Mobile Intel Celeron 2.50GHz	281	2786	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2877	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2897	1.05	\$164.99
Mobile Intel Pentium 4 - M 1.80GHz	175	2894	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2842	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2872	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2874	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2858	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2815	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2732	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2793	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2808	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2790	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2728	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2704	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 3.20GHz	169	2686	NA	NA
Mobile Intel Pentium 4 3.33GHz	189	2589	NA	NA
Mobile Intel Pentium 4 3.46GHz	254	2549	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2823	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2765	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2848	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2766	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2861	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2873	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1533	NA	NA
Quad-Core AMD Opteron 1385	3442	1222	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3446	1221	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1385	NA	NA
VIA C3 Ezra	100	2926	NA	NA
VIA C7 1500MHz	284	2777	NA	NA
VIA C7-D 1500MHz	287	2773	NA	NA
VIA C7-D 1800MHz	203	2869	NA	NA
VIA C7-D 2000MHz	368	2672	NA	NA
VIA C7-M 1000MHz	164	2900	NA	NA
VIA C7-M 1200MHz	140	2913	NA	NA
VIA C7-M 1600MHz	178	2893	NA	NA
VIA C7-M 6300MHz	222	2850	NA	NA
VIA Eden 1000MHz	123	2921	NA	NA
VIA Eden 1200MHz	142	2912	NA	NA
VIA Eden 800MHz	155	2904	NA	NA
VIA Eden C1050@1.06GHz	352	2692	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2547	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1262	2108	NA	NA
VIA Esther 1000MHz	146	2911	NA	NA
VIA Esther 1300MHz	250	2822	NA	NA
VIA Esther 1500MHz	219	2852	NA	NA
VIA Esther 2000MHz	394	2642	NA	NA
VIA Nano L1900@1400MHz	457	2569	NA	NA
VIA Nano L2007@1600MHz	369	2670	NA	NA
VIA Nano L2100@1800MHz	428	2602	NA	NA
VIA Nano L2207@1600MHz	296	2757	NA	NA
VIA Nano L3025@1600MHz	517	2514	NA	NA
VIA Nano L3050@1800MHz	581	2476	NA	NA
VIA Nano L3600@2000MHz	645	2443	NA	NA
VIA Nano U2250 (1.6GHz Capable)	415	2611	NA	NA
VIA Nano U2250@1300+MHz	274	2797	NA	NA
VIA Nano U2500@1200MHz	306	2739	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2526	NA	NA
VIA Nano U3300@1200MHz	409	2618	NA	NA
VIA Nano U3500@1000MHz	275	2795	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2461	NA	NA
VIA Nehemiah	155	2905	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1780	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	2046	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2155	NA	NA
VIA Samuel 2	79	2928	NA	NA
ZHAOXIN KaiXian KX-U6780A@2.7GHz	5760	768	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)
[Dual CPU] AMD Athlon 64 FX-72	3163	425	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	431	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	476	NA	NA



CPU Name	PassMark CPU Mark (higher is better)	195 Rank (lower is better)	11.38 CPU Value (higher is better)	\$1,167.64 Price (USD)
[Dual CPU] AMD EPYC 7281	22990	126	NA	NA
[Dual CPU] AMD EPYC 7371	23318	76	7.24	\$3,249.80
[Dual CPU] AMD EPYC 7401				
[Dual CPU] AMD EPYC 7451	28957	43	8.44	\$3,431.56
[Dual CPU] AMD EPYC 7501	29003	42	7.04	\$4,121.72
[Dual CPU] AMD EPYC 7551	31452	29	5.45	\$5,774.00
[Dual CPU] AMD EPYC 7601	33545	22	4.38	\$7,658.34
[Dual CPU] AMD Opteron 2212	2203	454	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	449	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	447	NA	NA
[Dual CPU] AMD Opteron 2216	2485	446	48.16	\$51.60
[Dual CPU] AMD Opteron 2216 HE	2593	442	NA	NA
[Dual CPU] AMD Opteron 2218	2719	439	17.00	\$159.90
[Dual CPU] AMD Opteron 2218 HE	2514	443	NA	NA
[Dual CPU] AMD Opteron 2220	2854	433	17.85	\$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	432	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	429	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	423	45.30	\$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	413	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	420	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	414	25.50	\$159.90
[Dual CPU] AMD Opteron 2354	4554	401	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	404	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	383	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	411	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	397	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	384	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	382	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	368	63.93	\$90.00
[Dual CPU] AMD Opteron 2384	5714	370	3.40	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	356	NA	NA
[Dual CPU] AMD Opteron 2389	5677	371	48.11	\$118.00*
[Dual CPU] AMD Opteron 2419	5191	386	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	357	NA	NA
[Dual CPU] AMD Opteron 2427	5907	366	36.94	\$159.90
[Dual CPU] AMD Opteron 2431	6438	350	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7068	335	18.70	\$378.00*
[Dual CPU] AMD Opteron 2439 SE	8071	305	44.84	\$179.98*
[Dual CPU] AMD Opteron 246	1130	465	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	466	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	462	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	463	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	471	NA	NA
[Dual CPU] AMD Opteron 256	1853	459	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	457	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	453	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	456	13.00	\$164.10
[Dual CPU] AMD Opteron 280	2452	448	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2769	438	17.32	\$159.90
[Dual CPU] AMD Opteron 290	2716	440	10.06	\$270.00*
[Dual CPU] AMD Opteron 4122	4076	415	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	373	24.58	\$229.90*
[Dual CPU] AMD Opteron 4170 HE	6344	353	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	351	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7813	310	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	304	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	307	NA	NA
[Dual CPU] AMD Opteron 4234	9361	271	20.35	\$459.98*
[Dual CPU] AMD Opteron 4274 HE	4214	408	52.69	\$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	263	NA	NA
[Dual CPU] AMD Opteron 4280	4525	402	45.25	\$100.00
[Dual CPU] AMD Opteron 4284	9151	273	76.27	\$119.98*

CPU Name	PassMark CPU Mark (higher is better)	270 Rank (lower is better)	21.85 CPU Value (higher is better)	\$432.84* Price (USD)
[Dual CPU] AMD Opteron 4334	10419	270	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10244	252	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4376 HE	11360	225	40.57	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	342	178.04	\$37.98
[Quad CPU] AMD Opteron 6128 HE	8323	298	NA	NA
[Dual CPU] AMD Opteron 6128 HE	5582	376	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	289	NA	NA
[Dual CPU] AMD Opteron 6134	7586	321	86.22	\$87.98*
[Quad CPU] AMD Opteron 6136	9767	261	22.20	\$440.00*
[Dual CPU] AMD Opteron 6136	7255	329	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	389	NA	NA
[Dual CPU] AMD Opteron 6168	7741	316	92.15	\$84.00
[Dual CPU] AMD Opteron 6172	7621	320	19.24	\$396.00*
[Quad CPU] AMD Opteron 6174	8594	291	26.87	\$319.80
[Dual CPU] AMD Opteron 6174	7783	311	48.67	\$159.90
[Dual CPU] AMD Opteron 6176 SE	8448	294	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	426	16.40	\$189.90
[Dual CPU] AMD Opteron 6204	7134	331	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	283	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	238	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	256	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	245	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	9841	260	70.30	\$139.98
[Quad CPU] AMD Opteron 6272	12292	208	43.91	\$279.96
[Dual CPU] AMD Opteron 6274	10536	240	117.09	\$89.98
[Quad CPU] AMD Opteron 6274	10488	241	58.28	\$179.96
[Dual CPU] AMD Opteron 6275	10900	236	NA	NA
[Dual CPU] AMD Opteron 6276	10194	255	30.16	\$338.00
[Quad CPU] AMD Opteron 6276	15342	165	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	213	24.31	\$495.80
[Quad CPU] AMD Opteron 6282 SE	11044	232	4.31	\$2,560.00
[Dual CPU] AMD Opteron 6284 SE	11985	217	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	296	13.47	\$619.96
[Dual CPU] AMD Opteron 6320	10716	239	20.88	\$513.18
[Dual CPU] AMD Opteron 6328	12013	216	10.09	\$1,190.00
[Dual CPU] AMD Opteron 6344	11203	230	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	224	18.64	\$612.20
[Quad CPU] AMD Opteron 6376	13257	196	50.99	\$260.00
[Dual CPU] AMD Opteron 6376	10405	244	80.04	\$130.00
[Dual CPU] AMD Opteron 6378	9145	274	24.07	\$380.00
[Quad CPU] AMD Opteron 6378	20859	107	27.45	\$760.00
[Quad CPU] AMD Opteron 6380	12442	204	52.72	\$236.00
[Dual CPU] AMD Opteron 6380	14200	178	120.34	\$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	210	42.05	\$289.98
[Dual CPU] AMD Opteron 8218	2831	435	61.54	\$46.00
[Dual CPU] AMD Opteron 8220	2510	444	15.70	\$159.90
[Dual CPU] AMD Opteron 8222 SE	2793	437	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	424	67.15	\$48.00
[Quad CPU] AMD Opteron 8360 SE	6490	348	77.26	\$84.00*
[Dual CPU] AMD Opteron 8380	5643	374	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	385	NA	NA
[Quad CPU] AMD Opteron 8381 HE	6097	361	NA	NA
[Quad CPU] AMD Opteron 8382	8553	292	10.74	\$796.00*
[Dual CPU] AMD Opteron 8389	6517	347	41.25	\$158.00*
[Quad CPU] AMD Opteron 8425 HE	7359	326	NA	NA
[Dual CPU] AMD Opteron 8431	5813	367	207.76	\$27.98*
[Quad CPU] AMD Opteron 8431	8252	300	147.46	\$55.96*
[Dual CPU] AMD Opteron 8435	6739	343	46.80	\$144.00*
[Quad CPU] AMD Opteron 8435	7099	333	24.65	\$288.00*
[Dual CPU] AMD Opteron 8439 SE	7691	318	51.27	\$150.00*
[Quad CPU] AMD Opteron 8439 SE	8943	280	29.81	\$300.00*

CPU Name	Passmark CPU Mark (higher is better)	434 Rank (lower is better)	NA CPU Value (higher is better)	NA Price (USD)
[Dual CPU] AMD Opteron 885	2355	464	NA	NA
[Dual CPU] C-QuadCore C4700@2.0GHz	2302	451	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	3532	419	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	7908	308	2.19	\$3,611.90*
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	450	485	NA	NA
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	465	483	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	540	480	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	541	479	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	362	486	NA	NA
[Dual CPU] Intel XEON 1.80GHz	339	487	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	453	484	NA	NA
[Dual CPU] Intel Xeon 2.20GHz	473	482	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.40GHz	601	477	NA	NA
[Dual CPU] Intel Xeon 2.66GHz	683	473	NA	NA
[Quad CPU] Intel Xeon 3.00GHz	1472	461	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	472	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	475	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	470	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	469	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	422	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	468	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	458	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	467	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	455	30.53	\$70.00*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2315	450	0.71	\$3,239.98*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	441	41.62	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	427	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2978	430	59.58	\$49.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	428	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3409	421	12.18	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3826	417	51.03	\$74.98*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8929	282	18.61	\$479.74
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11012	233	12.13	\$908.00*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	358	100.10	\$61.98*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	355	87.58	\$71.98*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	327	200.30	\$36.46*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	276	39.02	\$231.12*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11299	227	14.49	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	218	49.44	\$240.92
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	299	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13220	198	173.95	\$76.00
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	182	22.20	\$620.00*
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	10818	237	167.57	\$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	207	NA	NA
[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	12436	205	155.49	\$79.98
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	199	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2448L @ 1.80GHz	11334	226	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15680	162	120.63	\$129.98
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	15106	169	48.73	\$310.00
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11655	220	44.83	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	13442	192	52.51	\$256.00
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	133	63.61	\$291.98
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	354	127.11	\$49.88*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	346	54.34	\$119.98*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	295	60.64	\$138.00
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8932	281	17.18	\$520.00*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8162	302	67.82	\$120.34
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	9001	278	30.84	\$291.86
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	258	8.10	\$1,238.14
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	234	15.28	\$719.46*

CPU Name	Passmark CPU Mark (higher is better)	209 Rank (lower is better)	290.97 CPU Value (higher is better)	\$42.10 Price (USD)
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	13233	209	90.85	\$168.00
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13982	167		
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	16453	151	21.42	\$767.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14339	177	11.05	\$1,298.00
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12480	202	11.37	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	175	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13502	191	79.66	\$169.50*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15942	157	181.41	\$87.88
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18464	137	71.02	\$260.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18729	132	14.19	\$1,319.98*
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11506	222	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	184	175.27	\$78.20
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	168	22.33	\$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7706	317	4.35	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15888	159	93.47	\$169.98*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16391	152	26.44	\$619.98
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16703	149	7.81	\$2,139.90*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14674	173	75.94	\$193.24
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14505	176	38.76	\$374.22*
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19894	119	56.84	\$349.98
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20530	113	11.15	\$1,840.54
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13700	185	38.13	\$359.28
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20773	109	94.42	\$220.00
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21023	104	42.05	\$500.00
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	98	7.17	\$3,005.22
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12399	206	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	181	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	139	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15049	170	109.05	\$138.00*
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18943	130	131.46	\$144.10
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20346	115	56.84	\$357.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20740	110	8.09	\$2,562.24*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	13621	188	86.21	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14152	179	52.09	\$271.68*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	105	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13855	180	4.74	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	131	52.29	\$359.98*
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	124	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	141	4.85	\$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16371	153	124.04	\$131.98
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17795	140	51.94	\$342.58
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22577	90	22.40	\$1,007.96
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23225	81	7.74	\$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	82	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17036	146	75.80	\$224.74*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	67	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16358	154	154.35	\$105.98*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22613	87	56.83	\$397.90*
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22589	88	13.21	\$1,710.60
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22916	84	5.88	\$3,898.06*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18171	138	129.79	\$140.00
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20611	112	64.81	\$318.00
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22298	93	37.16	\$600.00
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	78	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	21751	96	15.54	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	59	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19762	120	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21063	103	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	36	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18566	134	160.05	\$116.00
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21537	97	45.82	\$470.00

CPU Name	Benchmark CPU Mark	Rank	CPU Value	Price (USD)
	(higher is better)	(lower is better)	(higher is better)	
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	22584	72	23.83	\$1,028.78
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	16920	147	NA	\$8.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	21121	102	20.71	\$1,019.98*
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	24989	66	5.66	\$4,417.86*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	22049	94	NA	NA
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	26907	56	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	28784	45	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	20803	108	48.38	\$429.98
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	23294	80	34.77	\$670.00
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	24320	73	20.61	\$1,179.98
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	26668	57	6.13	\$4,349.98*
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	19387	125	NA	NA
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	25703	64	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	19643	121	73.74	\$266.38
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	23666	75	25.72	\$920.00*
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	25757	63	49.53	\$520.00
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	27411	53	6.32	\$4,339.98*
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	20872	106	40.29	\$517.98
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	24852	68	12.30	\$2,019.98*
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24651	71	6.81	\$3,618.00
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	23501	77	NA	NA
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	30313	34	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	31774	28	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	23340	79	30.74	\$759.24
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	27393	54	29.40	\$931.80
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	30440	33	4.98	\$6,109.98*
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	29185	40	NA	NA
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28325	49	4.14	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	30833	32	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	32235	25	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	24133	74	NA	NA
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	26341	60	5.25	\$5,018.00*
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	34013	20	2.86	\$11,909.58*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	20653	111	NA	NA
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	15383	164	85.56	\$179.80*
[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	148	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	14669	174	27.32	\$536.84*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	13628	187	42.59	\$319.96*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	24681	69	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	123	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	15897	158	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	20036	117	18.41	\$1,088.16*
[Quad CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	127	35.31	\$544.08*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19583	122	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	17127	145	61.18	\$279.96
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	18565	135	132.63	\$139.98
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	26203	61	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	14876	172	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	18557	136	38.66	\$479.96*
[Quad CPU] Intel Xeon E5-4650L @ 2.60GHz	13742	183	57.26	\$239.98*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	22461	91	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	30855	31	2.14	\$14,436.00*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	27457	52	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	2279	452	120.97	\$18.84*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	4038	416	22.74	\$177.56*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	3554	418	36.27	\$98.00*
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	4166	410	53.75	\$77.50*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4944	392	NA	NA
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4559	400	128.28	\$35.54*
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	5120	388	64.02	\$79.98*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5138	387	64.31	\$79.90*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz				



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6892	363	14.38	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	7127	352	30.42	\$155.90
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	7127	341	30.78	\$221.98*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7127	332	35.99	\$198.00
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7501	324	69.45	\$108.00*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7093	334	129.91	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7769	313	129.31	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2492	445	13.12	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	436	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4878	396	34.87	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4990	391	39.60	\$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	379	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7300	328	255.78	\$28.54*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7576	322	15.40	\$492.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7752	314	65.69	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	412	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	377	12.57	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5947	365	42.96	\$138.42*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	7996	306	27.80	\$287.62*
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8329	297	118.99	\$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8662	288	154.73	\$55.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10245	251	48.75	\$210.16*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10265	249	44.63	\$230.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	215	1.42	\$8,454.00*
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	15433	163	96.48	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17398	144	131.84	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15016	171	19.86	\$756.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15263	166	40.38	\$378.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	201	15.87	\$799.96*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10965	235	27.41	\$399.98*
[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz	10207	253	1.02	\$10,017.02*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	160	0.79	\$20,034.04*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	211	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	161	NA	NA
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	116	3.36	\$6,008.00*
[Dual CPU] Intel Xeon E7-4830 @ 2.13GHz	9539	269	147.66	\$64.60*
[Quad CPU] Intel Xeon E7-4830 @ 2.13GHz	13606	190	105.31	\$129.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	155	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	92	1.81	\$12,400.00*
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	18	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	48	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	27	NA	NA
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	36830	12	NA	NA
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	336	20.65	\$340.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	378	87.81	\$62.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	315	NA	NA
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	381	29.87	\$179.98*
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	254	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	267	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	275	14.31	\$631.80*
[Dual CPU] Intel Xeon E7540 @ 2.00GHz	6738	344	210.96	\$31.94*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	95	8.41	\$2,618.10*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21437	99	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	101	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22722	86	9.46	\$2,401.80
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	65	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17463	143	6.73	\$2,595.00*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	62	5.04	\$5,190.00*
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	55	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	22983	83	7.04	\$3,265.92
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	129	7.83	\$2,442.00*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28610	47	7.12	\$4,017.90*



CPU Name	Benchmark CPU Mark	Rank	CPU Value	Price (USD)
	(higher is better)	(lower is better)	(higher is better)	
[Dual CPU] Intel Xeon Gold 6126T @ 2.60GHz	24490	114	5.47	\$3,730.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22875	58	6.66	\$3,990.50*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	20686	58	6.66	\$3,990.50
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	51	6.24	\$4,410.00*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	24666	70	5.20	\$4,745.98*
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29961	35	5.73	\$5,227.18*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	50	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34466	19	6.56	\$5,257.90
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	24	6.68	\$4,879.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	44	4.72	\$6,116.66*
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	17	NA	NA
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	29907	37	NA	NA
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28723	46	4.91	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29655	38	3.22	\$9,217.90*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36731	13	6.28	\$5,850.00
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32006	26	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33142	23	4.48	\$7,404.24
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	5	2.75	\$14,808.48
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	11	4.75	\$7,818.00*
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	29161	41	6.57	\$4,440.00*
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31379	30	4.66	\$6,737.66*
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	33741	21	5.13	\$6,572.00*
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38755	7	6.16	\$6,291.90
[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz	37405	9	4.85	\$7,704.98
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41159	3	5.70	\$7,218.00
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	403	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	407	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	394	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	375	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	360	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	349	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	362	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	393	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	339	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6961	338	271.49	\$25.64
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7553	323	196.08	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	6973	337	166.10	\$41.98
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8693	286	62.18	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9607	266	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9663	264	161.21	\$59.94*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	262	NA	NA
[Quad CPU] Intel Xeon L7555 @ 1.87GHz	10406	243	NA	NA
[Dual CPU] Intel Xeon MP 2.50GHz	550	478	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	481	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	474	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	460	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	15	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	37838	8	2.46	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	39	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	6	3.33	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36410	14	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	16	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	10	1.86	\$20,030.00*
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	2	1.10	\$40,060.00*
[Quad CPU] Intel Xeon Platinum 8180M @ 2.50GHz	48904	1	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	3.26 CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Platinum 8268 @ 2.60GHz	15972	156	15.66	\$12,604.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	16697	150	20.61	\$1,019.90*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	13615	189	13.24	\$810.00
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	19206	128	14.44	\$1,027.98*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	21435	100	11.36	\$1,329.74*
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	20002	118	19.96	\$1,886.34
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	10075	257	47.07	\$1,002.00*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10249	250	2.04	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10279	248	NA	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	4757	398	44.05	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4689	399	NA	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4890	395	17.46	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	5744	369	9.27	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	6203	359	31.17	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	7437	325	62.02	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7825	309	85.07	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	8136	303	21.52	\$91.98*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	7776	312	17.28	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	8175	301	40.88	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8682	287	3.12	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8758	284	14.36	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	9002	277	132.42	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9278	272	262.54	\$67.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9642	265	241.90	\$35.34*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	11256	228	83.50	\$39.86*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11642	221	69.20	\$134.80
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	10288	247	220.49	\$168.24*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	12082	212	201.37	\$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	10320	246	114.69	\$60.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	12447	203	113.18	\$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	11160	231	146.53	\$109.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	13428	193	NA	\$76.16*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13351	194	96.75	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	11785	219	104.63	\$138.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	13673	186	55.59	\$112.64
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	8488	293	NA	\$245.98
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	6594	345	91.61	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	9542	268	66.28	\$71.98*
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	8721	285	6.15	\$143.96*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	12029	214	4.24	\$1,417.90*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	7672	319	3.61	\$2,835.80*
[3-Way] Intel Xeon X7460 @ 2.66GHz	8972	279	13.22	\$2,126.85*
[Dual CPU] Intel Xeon X7542 @ 2.67GHz	8636	290	6.36	\$678.48*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	9937	259	18.07	\$1,356.96*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	11498	223	10.45	\$550.00*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11230	229	255.23	\$1,100.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	12824	200	145.73	\$44.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	17658	142	100.33	\$88.00*
[8-Way] Intel Xeon X7560 @ 2.27GHz	4171	409	46.34	\$176.00*
[Dual CPU] Quad-Core AMD Opteron 2352	5042	390	11.46	\$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	4290	406	9.75	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4376	405	27.37	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	7170	330	22.42	\$159.90
[Quad CPU] Quad-Core AMD Opteron 8356	5382	380	30.51	\$319.80
[Dual CPU] Quad-Core AMD Opteron 8378	6864	340	NA	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	5654	372	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5969	364	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE				

\* - Last price seen from our affiliates.

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