

Single CPU Systems

686 Gen	288	2783	NA	NA
AMD A4 Micro-6400T APU	1544	1973	NA	NA
AMD A4 PRO-3340B	2402	1580	NA	NA
AMD A4 PRO-7300B APU	2353	1601	NA	NA
AMD A4 PRO-7350B	2227	1654	NA	NA
AMD A4-1200 APU	632	2463	NA	NA
AMD A4-1250 APU	619	2470	NA	NA
AMD A4-3300 APU	1503	1998	115.71	\$12.99
AMD A4-3300M APU	1188	2162	39.62	\$29.99*
AMD A4-3305M APU	1227	2141	39.84	\$30.81
AMD A4-3310MX APU	1286	2104	NA	NA
AMD A4-3320M APU	1253	2126	34.93	\$35.90
AMD A4-3330MX APU	1218	2144	NA	NA
AMD A4-3400 APU	1594	1957	18.13	\$87.95
AMD A4-3420 APU	1664	1918	NA	NA
AMD A4-4000 APU	1835	1828	14.31	\$128.27*
AMD A4-4020 APU	1909	1789	21.21	\$90.00
AMD A4-4300M APU	1612	1946	40.44	\$39.86
AMD A4-4355M APU	1177	2166	NA	NA
AMD A4-5000 APU	1916	1784	NA	NA
AMD A4-5050 APU	2113	1696	NA	NA
AMD A4-5100 APU	2060	1720	NA	NA
AMD A4-5150M APU	1864	1812	NA	NA
AMD A4-5300 APU	2015	1738	18.27	\$110.32
AMD A4-5300B APU	2149	1682	56.56	\$38.00*
AMD A4-6210 APU	2170	1673	NA	NA
AMD A4-6250J APU	2556	1523	NA	NA
AMD A4-6300 APU	2223	1656	37.07	\$59.99*
AMD A4-6300B APU	2159	1680	21.59	\$100.00*
AMD A4-6320 APU	2329	1604	33.29	\$69.99*
AMD A4-7210 APU	2523	1534	NA	NA
AMD A4-7300 APU	2311	1614	18.94	\$122.00
AMD A4-9120	1962	1760	NA	NA
AMD A4-9120C	1539	1976	NA	NA
AMD A4-9125	1973	1753	NA	NA

AMD A4-9120C	1539	1976	NA	NA
AMD A4-9125	1973	1753	NA	NA
AMD A6 Micro-6500T APU	1834	1829	NA	NA
AMD A6 PRO-7050B APU	1616	1944	NA	NA
AMD A6 PRO-7400B	2621	1498	NA	NA
AMD A6-1450 APU	1539	1977	NA	NA
AMD A6-3400M APU	1888	1803	63.02	\$29.97*
AMD A6-3410MX APU	2059	1723	516.08	\$3.99*
AMD A6-3420M APU	2004	1742	NA	NA
AMD A6-3430MX APU	2200	1665	NA	NA
AMD A6-3500 APU	2029	1732	50.76	\$39.99*
AMD A6-3600 APU	2707	1475	117.76	\$22.99*
AMD A6-3620 APU	2794	1444	46.58	\$59.99*
AMD A6-3650 APU	3148	1327	98.41	\$31.99*
AMD A6-3670 APU	3165	1315	5.19	\$610.00*
AMD A6-4400M APU	1641	1931	205.42	\$7.99*
AMD A6-4455M APU	1286	2103	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5200 APU	2433	1568	NA	NA
AMD A6-5345M APU	1476	2009	NA	NA
AMD A6-5350M APU	1906	1791	44.20	\$43.12
AMD A6-5357M APU	1953	1766	NA	NA
AMD A6-5400B APU	2242	1647	21.35	\$105.04*
AMD A6-5400K APU	2161	1679	34.85	\$62.02
AMD A6-6310 APU	2461	1560	NA	NA
AMD A6-6400B APU	2281	1626	NA	NA
AMD A6-6400K APU	2311	1613	11.06	\$208.99*
AMD A6-6420B APU	2612	1500	NA	NA
AMD A6-6420K APU	2388	1587	15.92	\$149.99*
AMD A6-7000	1667	1915	NA	NA
AMD A6-7310 APU	2670	1483	NA	NA
AMD A6-7400K APU	2790	1447	37.71	\$73.98
AMD A6-7470K	2727	1468	20.52	\$132.91
AMD A6-7480	3135	1328	71.28	\$43.99*
AMD A6-8500P	2202	1664	NA	NA
AMD A6-8550	3032	1361	NA	NA
AMD A6-9200	1747	1866	NA	NA

AMD A6-8550	3032	1361	NA	NA
AMD A6-9200	1747	1866	NA	NA
AMD A6-9210	1753	1862	NA	NA
AMD A6-9220	2171	1671	NA	NA
AMD A6-9220C	2071	1715	NA	NA
AMD A6-9220e	1621	1942	NA	NA
AMD A6-9225	2161	1678	NA	NA
AMD A6-9230	2102	1701	NA	NA
AMD A6-9500	3054	1355	59.97	\$50.93
AMD A6-9500E	2889	1417	39.67	\$72.84*
AMD A8 PRO-7150B APU	2650	1489	NA	NA
AMD A8 PRO-7600B APU	4758	949	NA	NA
AMD A8-3500M APU	1980	1750	28.32	\$69.95
AMD A8-3510MX APU	2414	1574	NA	NA
AMD A8-3520M APU	2170	1672	NA	NA
AMD A8-3530MX APU	2354	1599	NA	NA
AMD A8-3550MX APU	2610	1501	NA	NA
AMD A8-3800 APU	3011	1365	52.84	\$56.99*
AMD A8-3820 APU	3106	1338	24.86	\$124.99*
AMD A8-3850 APU	3458	1231	32.72	\$105.68*
AMD A8-3870K APU	3539	1207	23.65	\$149.67*
AMD A8-4500M APU	2667	1485	NA	NA
AMD A8-4555M APU	2121	1692	NA	NA
AMD A8-5500 APU	3998	1097	70.77	\$56.50*
AMD A8-5500B APU	4023	1093	NA	NA
AMD A8-5545M APU	2591	1508	NA	NA
AMD A8-5550M APU	3002	1370	NA	NA
AMD A8-5557M APU	2954	1386	NA	NA
AMD A8-5600K APU	4340	1033	18.93	\$229.30
AMD A8-6410 APU	2574	1515	NA	NA
AMD A8-6500 APU	4393	1022	46.26	\$94.99*
AMD A8-6500B APU	4612	977	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-6500T APU	3276	1279	NA	NA
AMD A8-6600K APU	4591	983	47.33	\$96.99*
AMD A8-7050	1824	1834	NA	NA
AMD A8-7100 APU	2808	1442	NA	NA

AMD A8-7100 APU	2808	1442	NA	NA
AMD A8-7200P	3338	1266	NA	NA
AMD A8-7410 APU	2745	1462	NA	NA
AMD A8-7600 APU	5064	886	17.71	\$285.99*
AMD A8-7650K	4925	915	42.47	\$115.99
AMD A8-7670K	5083	878	31.56	\$161.10*
AMD A8-7680	5297	850	88.30	\$59.99*
AMD A8-8600P	3248	1285	NA	NA
AMD A8-8650	5470	818	NA	NA
AMD A8-9600	4966	908	69.22	\$71.75
AMD A9-9400	2312	1612	NA	NA
AMD A9-9410	2546	1526	NA	NA
AMD A9-9420	2340	1603	NA	NA
AMD A9-9420e	1807	1839	NA	NA
AMD A9-9425	2500	1548	NA	NA
AMD A9-9430	2524	1533	NA	NA
AMD A10 Micro-6700T APU	1970	1755	NA	NA
AMD A10 PRO-7350B APU	3164	1316	NA	NA
AMD A10 PRO-7800B APU	4955	909	NA	NA
AMD A10 PRO-7850B APU	5380	834	NA	NA
AMD A10-4600M APU	3114	1337	NA	NA
AMD A10-4655M APU	2605	1503	NA	NA
AMD A10-4657M APU	2906	1405	NA	NA
AMD A10-5700 APU	4214	1061	65.35	\$64.50*
AMD A10-5745M APU	2763	1456	NA	NA
AMD A10-5750M APU	3341	1263	NA	NA
AMD A10-5757M APU	3084	1344	NA	NA
AMD A10-5800B APU	4614	976	NA	NA
AMD A10-5800K APU	4647	967	30.99	\$149.99*
AMD A10-6700 APU	4604	980	39.35	\$116.99*
AMD A10-6700T APU	3693	1174	25.02	\$147.61*
AMD A10-6790K APU	4714	955	49.64	\$94.99*
AMD A10-6800B APU	4822	936	NA	NA
AMD A10-6800K APU	4860	931	16.95	\$286.85*
AMD A10-7300 APU	2904	1408	NA	NA
AMD A10-7400P	3609	1190	NA	NA
AMD A10-7700K APU	5120	874	42.36	\$120.87

AMD A10-7400P	3609	1190	NA	NA
AMD A10-7700K APU	5120	874	42.36	\$120.87
AMD A10-7800 APU	4973	905	48.11	\$103.39*
AMD A10-7850K APU	5469	819	44.72	\$122.31*
AMD A10-7860K	5069	883	28.97	\$175.00*
AMD A10-7870K	5476	816	24.13	\$226.99*
AMD A10-7890K	5711	786	28.56	\$199.99*
AMD A10-8700P	3445	1234	NA	NA
AMD A10-8750	5064	887	NA	NA
AMD A10-8850	5604	800	NA	NA
AMD A10-9600P	3765	1153	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9620P	3654	1183	NA	NA
AMD A10-9630P	4474	1006	NA	NA
AMD A10-9700	5386	833	63.44	\$84.91
AMD A10-9700E	4747	953	52.18	\$90.99
AMD A12-9700P	3717	1167	NA	NA
AMD A12-9720P	3995	1098	NA	NA
AMD A12-9730P	4417	1019	NA	NA
AMD A12-9800	5580	803	37.64	\$148.24*
AMD A12-9800E	5083	879	38.69	\$131.38*
AMD Athlon64 X2 Dual Core 4600+	1108	2208	NA	NA
AMD Athlon 4	279	2803	4.00	\$69.99
AMD Athlon 64 2000+	116	2937	NA	NA
AMD Athlon 64 2200+	575	2495	NA	NA
AMD Athlon 64 2600+	374	2678	NA	NA
AMD Athlon 64 2800+	438	2606	4.38	\$99.99*
AMD Athlon 64 3000+	464	2574	4.26	\$108.95
AMD Athlon 64 3200+	492	2544	3.29	\$149.95*
AMD Athlon 64 3300+	576	2494	NA	NA
AMD Athlon 64 3400+	545	2505	NA	NA
AMD Athlon 64 3500+	540	2512	4.97	\$108.95
AMD Athlon 64 3600+	601	2479	NA	NA
AMD Athlon 64 3700+	598	2481	8.67	\$69.00*
AMD Athlon 64 3800+	589	2484	3.28	\$179.95*
AMD Athlon 64 4000+	608	2474	3.32	\$183.27*
AMD Athlon 64 FX-25	794	2390	NA	NA

AMD Athlon 64 FX-25	794	2390	NA	NA
AMD Athlon 64 FX-34	380	2670	NA	NA
AMD Athlon 64 FX-51	437	2607	NA	NA
AMD Athlon 64 FX-53	646	2455	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2420	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2416	NA	NA
AMD Athlon 64 FX-59	715	2423	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2108	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1964	NA	NA
AMD Athlon 64 FX-72	1794	1845	NA	NA
AMD Athlon 64 FX-74	1495	2002	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2303	NA	NA
AMD Athlon 64 X2 4200+	1285	2105	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2276	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2297	16.05	\$60.00
AMD Athlon 64 X2 Dual Core 3800+	999	2270	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1044	2241	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	2211	5.49	\$199.95
AMD Athlon 64 X2 Dual Core 4400+	1145	2190	19.09	\$60.00
AMD Athlon 64 X2 Dual Core 4600+	1218	2143	3.39	\$359.95
AMD Athlon 64 X2 Dual Core 4800+	1253	2127	2.73	\$459.95*
AMD Athlon 64 X2 Dual Core 5000+	1314	2085	3.97	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1380	2050	11.04	\$125.12
AMD Athlon 64 X2 Dual Core 5400+	1450	2020	27.37	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1484	2006	9.90	\$149.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core 5800+	1516	1989	60.68	\$24.99*
AMD Athlon 64 X2 Dual Core 6000+	1602	1951	34.88	\$45.95
AMD Athlon 64 X2 Dual Core 6400+	1787	1848	6.87	\$259.95
AMD Athlon 64 X2 Dual Core BE-230	1095	2215	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2225	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2242	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2367	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2369	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2291	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2347	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	819	2376	NA	NA

AMD Athlon 64 X2 Dual-Core TK-42	877	2347	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	819	2376	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2348	12.02	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	925	2325	NA	NA
AMD Athlon 64 X2 QL-60	924	2326	NA	NA
AMD Athlon 64 X2 QL-62	1003	2266	NA	NA
AMD Athlon 64 X2 QL-64	990	2280	NA	NA
AMD Athlon 64 X2 QL-65	1050	2240	NA	NA
AMD Athlon 64 X2 QL-66	947	2312	NA	NA
AMD Athlon 64 X2 QL-67	1006	2264	NA	NA
AMD Athlon 64 X2 TK-55	955	2304	NA	NA
AMD Athlon 64 X2 TK-57	988	2282	NA	NA
AMD Athlon 200GE	4928	914	74.73	\$65.95
AMD Athlon 220GE	5302	849	77.02	\$68.85
AMD Athlon 240GE	5355	839	85.02	\$62.99
AMD Athlon 300U	4827	935	NA	NA
AMD Athlon 1500+	294	2775	NA	NA
AMD Athlon 1640B	670	2446	13.42	\$50.00*
AMD Athlon 2000+	390	2666	NA	NA
AMD Athlon 2100+	412	2629	NA	NA
AMD Athlon 2200+	363	2695	4.55	\$79.99*
AMD Athlon 2400+	462	2577	NA	NA
AMD Athlon 2500+	374	2675	2.04	\$183.99*
AMD Athlon 2600+	444	2598	4.23	\$104.95*
AMD Athlon 2650e	409	2633	21.56	\$19.00*
AMD Athlon 2800+	447	2594	3.20	\$139.95*
AMD Athlon 2850e	506	2537	NA	NA
AMD Athlon 3100+	485	2555	NA	NA
AMD Athlon 3200+	458	2582	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	2098	10.78	\$119.95*
AMD Athlon 5150 APU	2105	1699	13.16	\$159.95
AMD Athlon 5200 Dual-Core	1266	2121	42.23	\$29.99*
AMD Athlon 5350 APU	2608	1502	17.81	\$146.50
AMD Athlon 5370 APU	2912	1402	45.73	\$63.70*
AMD Athlon 7450 Dual-Core	1449	2021	NA	NA
AMD Athlon 7550 Dual-Core	1472	2011	24.54	\$60.00*
AMD Athlon 7750 Dual-Core	1570	1965	9.92	\$158.37
AMD Athlon 7850 Dual-Core	1710	1895	8.16	\$89.99*

AMD Athlon 7750 Dual-Core	1570	1965	9.92	\$158.37
AMD Athlon 7850 Dual-Core	1710	1885	8.16	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2786	NA	NA
AMD Athlon Dual Core 4050e	1086	2220	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 4450B	1165	2178	37.59	\$31.00*
AMD Athlon Dual Core 4450e	1110	2205	NA	NA
AMD Athlon Dual Core 4850B	1391	2043	NA	NA
AMD Athlon Dual Core 4850e	1314	2084	33.71	\$39.00*
AMD Athlon Dual Core 5000B	1308	2087	13.77	\$95.00*
AMD Athlon Dual Core 5050e	1343	2071	22.39	\$60.00*
AMD Athlon Dual Core 5200B	1316	2083	NA	NA
AMD Athlon Dual Core 5400B	1420	2032	NA	NA
AMD Athlon Dual Core 5600B	1304	2091	NA	NA
AMD Athlon II 160u	560	2501	18.68	\$29.99*
AMD Athlon II 170u	626	2466	20.91	\$29.95*
AMD Athlon II Dual-Core M300	1111	2203	NA	NA
AMD Athlon II Dual-Core M320	1141	2192	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2237	NA	NA
AMD Athlon II N330 Dual-Core	1154	2184	NA	NA
AMD Athlon II N350 Dual-Core	1249	2133	NA	NA
AMD Athlon II N370 Dual-Core	1559	1969	NA	NA
AMD Athlon II Neo K125	473	2568	NA	NA
AMD Athlon II Neo K145	525	2520	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2395	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2359	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2389	NA	NA
AMD Athlon II P320 Dual-Core	1217	2145	40.64	\$29.95*
AMD Athlon II P340 Dual-Core	1250	2131	27.83	\$44.95*
AMD Athlon II P360 Dual-Core	1318	2082	54.94	\$24.00*
AMD Athlon II X2 210e	1486	2005	NA	NA
AMD Athlon II X2 215	1566	1967	130.68	\$11.99*
AMD Athlon II X2 220	1633	1936	50.76	\$32.19
AMD Athlon II X2 225	1526	1982	NA	NA
AMD Athlon II X2 235e	1661	1923	9.13	\$181.88*
AMD Athlon II X2 240	1642	1929	47.00	\$34.95
AMD Athlon II X2 240e	1700	1896	48.64	\$34.95

AMD Athlon II X2 240	1642	1929	47.00	\$34.95
AMD Athlon II X2 240e	1700	1896	48.64	\$34.95*
AMD Athlon II X2 245	1661	1922	47.54	\$34.95*
AMD Athlon II X2 245e	1709	1888	21.37	\$80.00*
AMD Athlon II X2 250	1741	1868	44.71	\$38.95
AMD Athlon II X2 250e	1939	1771	25.28	\$76.73*
AMD Athlon II X2 250u	1004	2265	28.74	\$34.95*
AMD Athlon II X2 255	1841	1824	28.24	\$65.22*
AMD Athlon II X2 260	1875	1806	93.83	\$19.99*
AMD Athlon II X2 260u	1107	2209	13.28	\$83.44*
AMD Athlon II X2 265	1892	1798	22.84	\$82.88*
AMD Athlon II X2 270	1976	1752	82.38	\$23.99*
AMD Athlon II X2 270u	1285	2107	18.99	\$67.67*
AMD Athlon II X2 280	2129	1690	21.30	\$99.99*
AMD Athlon II X2 4300e	1483	2007	NA	NA
AMD Athlon II X2 4400e	1632	1938	NA	NA
AMD Athlon II X2 4450e	1504	1996	NA	NA
AMD Athlon II X2 B22	1714	1882	41.13	\$41.69*
AMD Athlon II X2 B24	1779	1851	44.55	\$39.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 B26	1906	1790	54.56	\$34.95
AMD Athlon II X2 B28	2085	1709	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1741	18.70	\$107.43*
AMD Athlon II X3 405e	2000	1743	25.00	\$79.99*
AMD Athlon II X3 415e	2247	1643	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1623	19.68	\$116.15*
AMD Athlon II X3 425	2314	1610	85.74	\$26.99*
AMD Athlon II X3 425e	2239	1650	NA	NA
AMD Athlon II X3 435	2470	1556	82.36	\$29.99*
AMD Athlon II X3 440	2566	1518	95.10	\$26.99*
AMD Athlon II X3 445	2574	1516	28.29	\$91.00*
AMD Athlon II X3 450	2619	1499	68.93	\$38.01
AMD Athlon II X3 455	2767	1453	70.97	\$38.99*
AMD Athlon II X3 460	2864	1423	73.46	\$38.99*
AMD Athlon II X4 553	3814	1140	NA	NA
AMD Athlon II X4 555	3830	1136	NA	NA
AMD Athlon II X4 559	4125	1077	NA	NA

AMD Athlon II X4 555	3830	1136	NA	NA
AMD Athlon II X4 559	4125	1077	NA	NA
AMD Athlon II X4 600e	2465	1559	18.93	\$130.23*
AMD Athlon II X4 605e	2716	1471	26.69	\$101.80*
AMD Athlon II X4 610e	2793	1445	39.92	\$69.99*
AMD Athlon II X4 615e	2899	1413	49.15	\$59.00*
AMD Athlon II X4 620	2929	1398	48.86	\$59.95
AMD Athlon II X4 620e	2906	1406	NA	NA
AMD Athlon II X4 630	3131	1330	49.74	\$62.95
AMD Athlon II X4 631 Quad-Core	3151	1325	39.39	\$80.00*
AMD Athlon II X4 635	3234	1291	46.24	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1303	120.73	\$26.49*
AMD Athlon II X4 640	3315	1269	41.46	\$79.95
AMD Athlon II X4 641 Quad-Core	3343	1261	36.54	\$91.50*
AMD Athlon II X4 645	3466	1229	69.35	\$49.99*
AMD Athlon II X4 650	3482	1226	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3576	1199	20.09	\$178.04*
AMD Athlon II X4 655	2998	1372	NA	NA
AMD Athlon II X4 6400e	2594	1506	NA	NA
AMD Athlon L110	303	2756	NA	NA
AMD Athlon LE-1600	557	2502	26.57	\$21.00*
AMD Athlon LE-1620	578	2492	32.12	\$18.00*
AMD Athlon LE-1640	626	2465	NA	NA
AMD Athlon LE-1660	679	2443	NA	NA
AMD Athlon MP	230	2857	4.20	\$54.95*
AMD Athlon MP 1700+	339	2717	NA	NA
AMD Athlon MP 2400+	436	2608	NA	NA
AMD Athlon MP 2800+	497	2542	NA	NA
AMD Athlon Neo MV-40	410	2631	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2269	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2394	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2372	NA	NA
AMD Athlon PRO 200GE	5204	861	NA	NA
AMD Athlon QI-46	473	2567	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon TF-20	413	2627	NA	NA
AMD Athlon TF-36	395	2654	NA	NA
AMD Athlon X2 245	1510	1075	NA	NA

AMD Athlon TF-36	395	2654	NA	NA
AMD Athlon X2 215	1543	1975	NA	NA
AMD Athlon X2 235e	1806	1842	NA	NA
AMD Athlon X2 240	1602	1950	NA	NA
AMD Athlon X2 240e	1670	1913	NA	NA
AMD Athlon X2 250	1696	1899	NA	NA
AMD Athlon X2 255	1627	1940	NA	NA
AMD Athlon X2 280	2303	1618	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1932	1776	38.66	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1642	NA	NA
AMD Athlon X2 440	1424	2030	NA	NA
AMD Athlon X2 Dual Core 3250e	778	2393	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2272	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2330	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2206	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2146	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2129	NA	NA
AMD Athlon X2 Dual Core L310	645	2456	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2262	NA	NA
AMD Athlon X3 425	2191	1668	NA	NA
AMD Athlon X3 435	2574	1517	26.96	\$95.49*
AMD Athlon X3 440	2078	1711	23.62	\$87.99*
AMD Athlon X3 445	2314	1609	NA	NA
AMD Athlon X3 455	2401	1581	NA	NA
AMD Athlon X4 605e	2505	1545	NA	NA
AMD Athlon X4 620	2861	1424	47.74	\$59.95
AMD Athlon X4 635	2891	1416	23.71	\$121.99*
AMD Athlon X4 640	3172	1310	NA	NA
AMD Athlon X4 740 Quad Core	4028	1092	14.54	\$277.00*
AMD Athlon X4 750 Quad Core	4551	988	NA	NA
AMD Athlon X4 750K Quad Core	4270	1048	55.47	\$76.99*
AMD Athlon X4 760K Quad Core	4595	981	109.47	\$41.98*
AMD Athlon X4 830	4701	957	NA	NA
AMD Athlon X4 840	5071	882	64.41	\$78.74*
AMD Athlon X4 845	5411	826	101.85	\$53.13*
AMD Athlon X4 860K	5411	827	40.10	\$134.95*
AMD Athlon X4 870K	5320	848	66.52	\$79.99*

AMD Athlon X4 600K	5311	847	40.10	\$134.99
AMD Athlon X4 870K	5320	848	66.52	\$79.99*
AMD Athlon X4 880K	5592	801	55.93	\$99.99*
AMD Athlon X4 950	5219	859	73.54	\$70.98
AMD Athlon XP1600+	281	2799	NA	NA
AMD Athlon XP1900+	353	2704	NA	NA
AMD Athlon XP2100+	287	2788	NA	NA
AMD Athlon XP2200+	401	2647	NA	NA
AMD Athlon XP2400+	374	2677	NA	NA
AMD Athlon XP 1500	282	2798	NA	NA
AMD Athlon XP 1500+	257	2828	NA	NA
AMD Athlon XP 1600+	267	2818	NA	NA
AMD Athlon XP 1700	344	2714	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 1700+	271	2814	4.43	\$61.25*
AMD Athlon XP 1800+	300	2763	5.10	\$58.95*
AMD Athlon XP 1900+	312	2747	NA	NA
AMD Athlon XP 2000+	299	2764	12.00	\$24.99*
AMD Athlon XP 2100+	323	2730	NA	NA
AMD Athlon XP 2200+	328	2729	3.87	\$84.95*
AMD Athlon XP 2300+	464	2575	NA	NA
AMD Athlon XP 2400+	360	2697	4.01	\$89.99*
AMD Athlon XP 2500+	355	2701	NA	NA
AMD Athlon XP 2600+	372	2681	16.18	\$23.03*
AMD Athlon XP 2700+	393	2658	4.64	\$84.79*
AMD Athlon XP 2800+	400	2649	NA	NA
AMD Athlon XP 2900+	424	2621	NA	NA
AMD Athlon XP 3000+	402	2645	5.06	\$79.70*
AMD Athlon XP 3100+	433	2612	NA	NA
AMD Athlon XP 3200+	432	2613	NA	NA
AMD Athlon XP 3400+	570	2498	NA	NA
AMD Athlon XP Pro3+	367	2688	NA	NA
AMD Athlon XP-M	541	2511	15.48	\$34.95*
AMD C-30	310	2749	NA	NA
AMD C-50	462	2578	NA	NA
AMD C-60	466	2571	NA	NA
AMD C-60 APU	544	2506	NA	NA
AMD C-70 APU	557	2503	NA	NA

AMD C-60 APU	544	2506	NA	NA
AMD C-70 APU	557	2503	NA	NA
AMD E1 Micro-6200T APU	960	2300	NA	NA
AMD E1-1200 APU	655	2453	NA	NA
AMD E1-1500 APU	688	2438	NA	NA
AMD E1-2100 APU	641	2461	NA	NA
AMD E1-2200 APU	767	2397	NA	NA
AMD E1-2500 APU	890	2345	NA	NA
AMD E1-6010 APU	869	2351	NA	NA
AMD E1-6015 APU	900	2340	NA	NA
AMD E1-7010 APU	1012	2260	NA	NA
AMD E2-1800 APU	815	2377	NA	NA
AMD E2-2000 APU	825	2373	NA	NA
AMD E2-3000 APU	1140	2193	NA	NA
AMD E2-3000M APU	1097	2213	54.85	\$20.00*
AMD E2-3200 APU	1380	2051	172.79	\$7.99*
AMD E2-3800 APU	1644	1928	NA	NA
AMD E2-6110 APU	1916	1785	NA	NA
AMD E2-7110 APU	2288	1620	NA	NA
AMD E2-9000	1654	1925	NA	NA
AMD E2-9000e	1344	2070	NA	NA
AMD E2-9010	1705	1891	NA	NA
AMD E2-9030	1515	1991	NA	NA
AMD E-240	319	2736	NA	NA
AMD E-300 APU	610	2473	NA	NA
AMD E-350	745	2411	NA	NA
AMD E-350 APU	757	2404	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E-350D APU	726	2418	NA	NA
AMD E-450 APU	765	2398	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1758	1856	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1706	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2508	1542	NA	NA
AMD Embedded R-Series RX-216GD	2409	1577	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	884	NA	NA

AMD Embedded R-Series RX-418GD Radeon R6	5068	884	NA	NA
AMD Embedded R-Series RX-421BD	4635	971	NA	NA
AMD EPYC 3201	9634	391	NA	NA
AMD EPYC 7251	11811	262	26.01	\$454.18
AMD EPYC 7301	14978	167	22.03	\$680.06
AMD EPYC 7351	18081	101	28.66	\$630.80
AMD EPYC 7351P	14887	169	20.75	\$717.39
AMD EPYC 7371	22071	46	NA	NA
AMD EPYC 7401P	20221	68	24.41	\$828.50
AMD EPYC 7501	18942	89	9.19	\$2,060.86
AMD EPYC 7502P	23465	36	10.20	\$2,300.00*
AMD EPYC 7551	18483	92	12.89	\$1,434.08
AMD EPYC 7551P	18406	95	15.01	\$1,226.66
AMD EPYC 7571	20858	62	NA	NA
AMD EPYC 7702P	46067	2	10.41	\$4,425.00*
AMD EPYC 7742	47365	1	6.82	\$6,950.00*
AMD FirePro A320 APU	4540	994	NA	NA
AMD FX-670K Quad-Core	4550	990	NA	NA
AMD FX-770K Quad-Core	4814	938	NA	NA
AMD FX-870K Quad Core	5021	897	NA	NA
AMD FX-4100 Quad-Core	4074	1086	26.55	\$153.45*
AMD FX-4130 Quad-Core	4160	1068	54.75	\$75.99*
AMD FX-4150 Quad-Core	4594	982	NA	NA
AMD FX-4170 Quad-Core	4867	925	48.68	\$99.99*
AMD FX-4200 Quad-Core	4260	1051	18.67	\$228.21*
AMD FX-4300 Quad-Core	4694	959	42.70	\$109.95
AMD FX-4320	4993	901	NA	NA
AMD FX-4330	5328	845	NA	NA
AMD FX-4350 Quad-Core	5340	842	12.42	\$430.00
AMD FX-6100 Six-Core	5405	830	20.95	\$258.00*
AMD FX-6120 Six-Core	5749	785	NA	NA
AMD FX-6130 Six-Core	6215	729	NA	NA
AMD FX-6200 Six-Core	6111	742	17.98	\$339.95
AMD FX-6300 Six-Core	6406	713	25.52	\$251.08
AMD FX-6330 Six-Core	6954	659	NA	NA
AMD FX-6350 Six-Core	7017	648	48.40	\$144.99
AMD FX-7500 APU	3205	1299	NA	NA

AMD FX-6350 Six-Core	7017	648	48.40	\$144.99
AMD FX-7500 APU	3205	1299	NA	NA
AMD FX-7600P	4050	1088	NA	NA
AMD FX-7600P APU	4627	973	NA	NA
AMD FX-8100 Eight-Core	5964	756	42.00	\$142.00*
AMD FX-8120 Eight-Core	6640	692	29.81	\$222.73*
AMD FX-8140 Eight-Core	6133	739	NA	NA
AMD FX-8150 Eight-Core	7659	592	76.63	\$99.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8300 Eight-Core	7766	581	23.25	\$333.99*
AMD FX-8310 Eight-Core	7731	585	NA	NA
AMD FX-8320 Eight-Core	8037	547	62.78	\$128.01
AMD FX-8320E Eight-Core	7574	600	47.64	\$159.01
AMD FX-8350 Eight-Core	8956	464	45.23	\$198.00
AMD FX-8370 Eight-Core	9046	453	42.09	\$214.95
AMD FX-8370E Eight-Core	7864	565	24.57	\$320.09
AMD FX-8800P	4145	1073	NA	NA
AMD FX-9370 Eight-Core	9463	408	52.58	\$179.99
AMD FX-9590 Eight-Core	10190	338	29.48	\$345.64
AMD FX-9800P	3963	1109	NA	NA
AMD FX-9830P	4777	947	NA	NA
AMD FX-B4150 Quad-Core	4611	978	NA	NA
AMD G-T40E	467	2570	NA	NA
AMD G-T40N	516	2529	NA	NA
AMD G-T40R	203	2884	NA	NA
AMD G-T44R	229	2858	NA	NA
AMD G-T48E	667	2448	NA	NA
AMD G-T52R	308	2751	NA	NA
AMD G-T56E	751	2406	NA	NA
AMD G-T56N	795	2388	NA	NA
AMD Geode NX	264	2821	NA	NA
AMD Geode NX 1750	291	2777	NA	NA
AMD GX-210JA SOC	401	2648	NA	NA
AMD GX-212JC SOC	744	2412	NA	NA
AMD GX-217GA SOC	1107	2210	NA	NA
AMD GX-218GL SOC	1207	2150	NA	NA
AMD GX-222GC SOC	1255	2125	NA	NA

AMD GX-218GL SOC	1207	2150	NA	NA
AMD GX-222GC SOC	1255	2125	NA	NA
AMD GX-412HC	1497	2001	NA	NA
AMD GX-415GA SOC	1944	1770	NA	NA
AMD GX-420CA SOC	2412	1576	NA	NA
AMD GX-424CC SOC	2491	1550	NA	NA
AMD K7	403	2642	NA	NA
AMD Opteron 140	396	2653	0.62	\$640.00
AMD Opteron 142	428	2617	NA	NA
AMD Opteron 144	486	2552	7.48	\$65.00*
AMD Opteron 146	532	2515	8.87	\$59.99*
AMD Opteron 148	603	2478	NA	NA
AMD Opteron 150	604	2476	NA	NA
AMD Opteron 152	658	2450	NA	NA
AMD Opteron 154	703	2431	NA	NA
AMD Opteron 165	899	2342	1.63	\$550.00
AMD Opteron 170	1097	2212	NA	NA
AMD Opteron 175	1167	2177	NA	NA
AMD Opteron 180	1236	2136	9.51	\$129.95*
AMD Opteron 185	1342	2072	NA	NA
AMD Opteron 246	632	2464	31.62	\$19.99*
AMD Opteron 248	476	2564	4.77	\$99.95
AMD Opteron 250	649	2454	59.01	\$11.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 252	760	2402	12.00	\$63.36*
AMD Opteron 254	693	2435	NA	NA
AMD Opteron 256	963	2295	50.72	\$19.00*
AMD Opteron 265	963	2296	13.20	\$73.00
AMD Opteron 270	1170	2173	1.93	\$607.47*
AMD Opteron 275	1291	2099	19.87	\$64.99
AMD Opteron 280	1176	2167	1.48	\$796.67*
AMD Opteron 285	1470	2012	18.39	\$79.95
AMD Opteron 290	1464	2014	10.85	\$135.00*
AMD Opteron 1210	923	2327	NA	NA
AMD Opteron 1210 HE	971	2290	NA	NA
AMD Opteron 1212	1009	2263	3.48	\$290.00*
AMD Opteron 1212 HE	1308	2088	NA	NA

AMD Opteron 1212 HE	1308	2088	NA	NA
AMD Opteron 1214	1191	2160	4.11	\$290.00*
AMD Opteron 1214 HE	1299	2093	NA	NA
AMD Opteron 1216	1311	2086	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2172	NA	NA
AMD Opteron 1218	1468	2013	NA	NA
AMD Opteron 1218 HE	1444	2022	NA	NA
AMD Opteron 1220	1653	1927	NA	NA
AMD Opteron 1222	1757	1858	NA	NA
AMD Opteron 1352	2316	1608	17.04	\$135.99*
AMD Opteron 1354	2630	1495	19.49	\$135.00*
AMD Opteron 1356	2765	1455	30.73	\$89.99*
AMD Opteron 1381	3065	1352	NA	NA
AMD Opteron 2212	1270	2119	63.53	\$20.00*
AMD Opteron 2214	1358	2065	46.85	\$29.00*
AMD Opteron 2214 HE	1415	2035	NA	NA
AMD Opteron 2216	1518	1988	58.84	\$25.80
AMD Opteron 2218	1594	1958	19.94	\$79.95
AMD Opteron 2220	1701	1894	21.29	\$79.95
AMD Opteron 2220 SE	1398	2039	55.92	\$25.00*
AMD Opteron 2222	1843	1822	1.11	\$1.664.98*
AMD Opteron 2224 SE	1919	1782	NA	NA
AMD Opteron 2350	2820	1435	35.28	\$79.95
AMD Opteron 2354	2450	1564	7.38	\$332.03*
AMD Opteron 2356	2814	1438	54.12	\$52.00*
AMD Opteron 2373 EE	2789	1449	NA	NA
AMD Opteron 2374 HE	2951	1387	15.53	\$189.99*
AMD Opteron 2376	2283	1624	13.69	\$166.81*
AMD Opteron 2378	3179	1308	17.76	\$179.00*
AMD Opteron 2380	2640	1493	58.69	\$45.00
AMD Opteron 2384	3538	1210	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1211	NA	NA
AMD Opteron 2393 SE	2246	1644	NA	NA
AMD Opteron 2427	3069	1350	38.39	\$79.95
AMD Opteron 2431	4516	997	112.91	\$40.00*
AMD Opteron 2435	4708	956	24.91	\$189.00*
AMD Opteron 3250 HE	2942	1391	29.73	\$99.00*

AMD Opteron 2435	4708	956	24.91	\$189.00*
AMD Opteron 3250 HE	2942	1391	29.73	\$99.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 3260 HE	3259	1283	NA	NA
AMD Opteron 3280	5403	831	19.78	\$273.18*
AMD Opteron 3320 EE	2675	1482	NA	NA
AMD Opteron 3350 HE	4105	1079	NA	NA
AMD Opteron 3365	6088	750	NA	NA
AMD Opteron 3380	6384	715	7.89	\$809.00*
AMD Opteron 4122	2942	1392	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1314	NA	NA
AMD Opteron 4170 HE	3664	1181	62.11	\$59.00*
AMD Opteron 4184	4418	1018	8.50	\$519.95*
AMD Opteron 4280	6430	710	128.60	\$50.00
AMD Opteron 4284	6660	689	111.03	\$59.99*
AMD Opteron 4332 HE	5614	797	NA	NA
AMD Opteron 4334	6099	743	28.18	\$216.42*
AMD Opteron 4365 EE	5025	895	NA	NA
AMD Opteron 4386	6761	676	48.30	\$139.99*
AMD Opteron 6128	4505	1000	237.24	\$18.99
AMD Opteron 6134	2938	1393	66.81	\$43.99*
AMD Opteron 6136	4631	972	42.10	\$110.00*
AMD Opteron 6164 HE	5351	840	NA	NA
AMD Opteron 6172	5261	853	26.57	\$198.00*
AMD Opteron 6174	6171	733	77.19	\$79.95
AMD Opteron 6176 SE	5465	821	34.37	\$159.00*
AMD Opteron 6212	5776	779	192.62	\$29.99*
AMD Opteron 6220	6785	672	113.11	\$59.99*
AMD Opteron 6234	5938	760	198.27	\$29.95*
AMD Opteron 6238	7673	591	21.32	\$359.89*
AMD Opteron 6272	6748	679	96.42	\$69.99
AMD Opteron 6274	4865	928	108.15	\$44.99
AMD Opteron 6276	8889	473	52.60	\$169.00
AMD Opteron 6282 SE	9116	440	14.24	\$640.00
AMD Opteron 6287 SE	9789	377	NA	NA
AMD Opteron 6328	7813	573	13.13	\$595.00
AMD Opteron 6366 HE	7503	604	250.19	\$29.99*

AMD Opteron 6366 HE	7503	604	250.19	\$29.99*
AMD Opteron 6376	9212	430	141.72	\$65.00
AMD Opteron 6378	9094	443	47.87	\$190.00
AMD Opteron 6380	10081	347	170.88	\$59.00
AMD Opteron 6386 SE	10912	293	75.26	\$144.99
AMD Opteron 8354	2255	1641	93.98	\$24.00
AMD Opteron 8439 SE	3813	1141	50.84	\$75.00*
AMD Opteron X2170 APU	3059	1353	NA	NA
AMD Opteron X3216 APU	2366	1596	NA	NA
AMD Opteron X3418 APU	4659	964	NA	NA
AMD Opteron X3421 APU	4866	926	NA	NA
AMD Phenom 2 X4 12000	3005	1369	NA	NA
AMD Phenom 7950 Quad-Core	2991	1374	NA	NA
AMD Phenom 8250 Triple-Core	1668	1914	NA	NA
AMD Phenom 8250e Triple-Core	1635	1933	34.81	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1937	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8450 Triple-Core	1890	1801	63.11	\$29.95*
AMD Phenom 8450e Triple-Core	2026	1734	NA	NA
AMD Phenom 8600 Triple-Core	1673	1910	31.57	\$52.99*
AMD Phenom 8600B Triple-Core	1924	1780	36.33	\$52.99*
AMD Phenom 8650 Triple-Core	1986	1748	39.73	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1724	NA	NA
AMD Phenom 8750B Triple-Core	2034	1729	NA	NA
AMD Phenom 8850 Triple-Core	1968	1758	NA	NA
AMD Phenom 8850B Triple-Core	2080	1710	NA	NA
AMD Phenom 9100e Quad-Core	1833	1831	45.89	\$39.95*
AMD Phenom 9150e Quad-Core	2113	1695	52.91	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1606	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1504	24.76	\$105.00*
AMD Phenom 9500 Quad-Core	2203	1663	75.99	\$28.99*
AMD Phenom 9550 Quad-Core	2544	1528	87.76	\$28.99*
AMD Phenom 9600 Quad-Core	2303	1616	46.11	\$49.95
AMD Phenom 9600B Quad-Core	2575	1513	17.50	\$147.19*
AMD Phenom 9650 Quad-Core	2635	1494	58.63	\$44.95*
AMD Phenom 9750 Quad-Core	2810	1440	95.32	\$29.49*
AMD Phenom 9750B Quad-Core	2709	1474	NA	NA

AMD Phenom 9750 Quad-Core	2810	1440	95.32	\$29.49*
AMD Phenom 9750B Quad-Core	2709	1474	NA	NA
AMD Phenom 9850 Quad-Core	2887	1418	24.07	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1320	NA	NA
AMD Phenom 9950 Quad-Core	3009	1366	22.29	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1537	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1389	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1187	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1223	NA	NA
AMD Phenom II N620 Dual-Core	1684	1904	422.27	\$3.99*
AMD Phenom II N640 Dual-Core	1721	1876	26.51	\$64.95*
AMD Phenom II N660 Dual-Core	1844	1821	18.63	\$99.00*
AMD Phenom II N830 3+1	2652	1488	NA	NA
AMD Phenom II N830 Triple-Core	1890	1800	NA	NA
AMD Phenom II N850 Triple-Core	1937	1772	77.51	\$25.00*
AMD Phenom II N870 Triple-Core	1999	1744	NA	NA
AMD Phenom II N930 Quad-Core	2274	1629	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2485	1554	22.07	\$112.60*
AMD Phenom II N970 Quad-Core	2515	1539	16.77	\$149.99*
AMD Phenom II P650 Dual-Core	1579	1962	45.12	\$35.00*
AMD Phenom II P820 Triple-Core	1602	1952	NA	NA
AMD Phenom II P840 Triple-Core	1709	1886	NA	NA
AMD Phenom II P860 Triple-Core	1756	1860	NA	NA
AMD Phenom II P920 Quad-Core	1866	1810	24.89	\$75.00*
AMD Phenom II P940 Quad-Core	1831	1832	NA	NA
AMD Phenom II P960 Quad-Core	2085	1707	74.48	\$28.00*
AMD Phenom II X2 511	2104	1700	NA	NA
AMD Phenom II X2 521	2071	1714	NA	NA
AMD Phenom II X2 545	1918	1783	43.62	\$43.98*
AMD Phenom II X2 550	2022	1735	40.46	\$49.99*
AMD Phenom II X2 555	2042	1726	72.99	\$27.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X2 560	2061	1719	31.71	\$64.99*
AMD Phenom II X2 565	2225	1655	74.21	\$29.99*
AMD Phenom II X2 570	2068	1717	NA	NA
AMD Phenom II X2 B53	1709	1887	NA	NA
AMD Phenom II X2 B55	1921	1781	40.02	\$48.00*

AMD Phenom II X2 B53	1709	1887	NA	NA
AMD Phenom II X2 B55	1921	1781	40.02	\$48.00*
AMD Phenom II X2 B57	1823	1835	NA	NA
AMD Phenom II X2 B59	2121	1693	48.16	\$44.04
AMD Phenom II X3 700e	2242	1648	NA	NA
AMD Phenom II X3 705e	2227	1653	14.63	\$152.34*
AMD Phenom II X3 710	2447	1565	28.96	\$84.53*
AMD Phenom II X3 715	2649	1491	31.17	\$84.99*
AMD Phenom II X3 720	2667	1484	38.11	\$69.99*
AMD Phenom II X3 740	2985	1376	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1467	36.47	\$75.00*
AMD Phenom II X3 B75	2896	1415	72.43	\$39.99*
AMD Phenom II X3 B77	3067	1351	137.64	\$22.29*
AMD Phenom II X4 805	2998	1371	17.23	\$173.99*
AMD Phenom II X4 810	3121	1334	26.91	\$115.99*
AMD Phenom II X4 820	3396	1246	45.31	\$74.95*
AMD Phenom II X4 830	3434	1237	42.95	\$79.95
AMD Phenom II X4 840	3508	1220	39.00	\$89.95*
AMD Phenom II X4 840T	3597	1193	51.41	\$69.99*
AMD Phenom II X4 850	3549	1203	54.62	\$64.99*
AMD Phenom II X4 900e	2882	1421	NA	NA
AMD Phenom II X4 905e	3080	1347	57.06	\$53.99*
AMD Phenom II X4 910	3247	1286	32.48	\$100.00*
AMD Phenom II X4 910e	3254	1284	20.73	\$156.99*
AMD Phenom II X4 920	3389	1248	42.37	\$79.99*
AMD Phenom II X4 925	3411	1240	77.56	\$43.99*
AMD Phenom II X4 940	3591	1195	60.52	\$59.34*
AMD Phenom II X4 945	3652	1184	56.24	\$64.95
AMD Phenom II X4 955	3918	1121	30.11	\$130.16*
AMD Phenom II X4 960T	3776	1148	8.05	\$469.00*
AMD Phenom II X4 965	4179	1066	49.75	\$84.01
AMD Phenom II X4 970	4317	1042	29.15	\$148.11*
AMD Phenom II X4 973	3759	1155	NA	NA
AMD Phenom II X4 975	4453	1010	31.88	\$139.69*
AMD Phenom II X4 977	3750	1159	NA	NA
AMD Phenom II X4 980	4490	1003	19.52	\$229.99*
AMD Phenom II X4 8700e	2377	1590	NA	NA
AMD Phenom II X4 B05e	2792	1446	NA	NA

AMD Phenom II X4 8700e	2377	1590	NA	NA
AMD Phenom II X4 B05e	2792	1446	NA	NA
AMD Phenom II X4 B15e	2736	1465	NA	NA
AMD Phenom II X4 B25	3297	1274	NA	NA
AMD Phenom II X4 B35	3387	1249	NA	NA
AMD Phenom II X4 B40	3352	1257	NA	NA
AMD Phenom II X4 B45	3469	1228	NA	NA
AMD Phenom II X4 B50	3697	1171	NA	NA
AMD Phenom II X4 B55	3853	1129	NA	NA
AMD Phenom II X4 B60	4034	1091	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B65	4172	1067	NA	NA
AMD Phenom II X4 B70	4261	1050	NA	NA
AMD Phenom II X4 B93	3345	1259	NA	NA
AMD Phenom II X4 B95	3677	1176	50.41	\$72.95*
AMD Phenom II X4 B97	3868	1125	67.87	\$56.99*
AMD Phenom II X4 B99	4126	1076	NA	NA
AMD Phenom II X6 1035T	4665	961	24.68	\$189.00*
AMD Phenom II X6 1045T	4801	943	44.45	\$108.01*
AMD Phenom II X6 1055T	4967	907	61.91	\$80.24*
AMD Phenom II X6 1065T	5034	893	NA	NA
AMD Phenom II X6 1075T	5330	844	47.18	\$112.99*
AMD Phenom II X6 1090T	5563	808	36.12	\$154.04*
AMD Phenom II X6 1100T	5709	787	32.17	\$177.49*
AMD Phenom II X6 1405T	5042	891	NA	NA
AMD Phenom II X620 Dual-Core	2189	1669	NA	NA
AMD Phenom II X640 Dual-Core	2021	1736	NA	NA
AMD Phenom II X920 Quad-Core	2650	1490	NA	NA
AMD Phenom II X940 Quad-Core	2695	1476	NA	NA
AMD Phenom Ultra X4 24500	3945	1114	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1897	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1662	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1865	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2165	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	2025	NA	NA
AMD Phenom X3 8550	1929	1778	11.35	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1857	NA	NA

AMD Phenom X3 8550	1929	1778	11.35	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1857	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1745	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1651	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1414	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1473	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1478	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2147	NA	NA
AMD PRO A4-3350B APU	2274	1630	NA	NA
AMD PRO A4-8350B	2776	1451	NA	NA
AMD PRO A6-7350B	2759	1458	NA	NA
AMD PRO A6-8500B	2516	1538	NA	NA
AMD PRO A6-8530B	2388	1586	NA	NA
AMD PRO A6-8550B	2970	1382	NA	NA
AMD PRO A6-8570	3049	1359	NA	NA
AMD PRO A6-8570E	2824	1434	NA	NA
AMD PRO A6-9500	2950	1388	39.88	\$74.00*
AMD PRO A6-9500B	2076	1712	NA	NA
AMD PRO A6-9500E	2717	1470	36.73	\$74.00*
AMD PRO A8-8600B	3512	1219	NA	NA
AMD PRO A8-8650B	5250	855	NA	NA
AMD PRO A8-8670E	5015	898	NA	NA
AMD PRO A8-9600	5277	851	44.35	\$119.00*
AMD PRO A8-9600B	3964	1107	NA	NA
AMD PRO A10-8700B	3562	1202	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A10-8730B	3971	1104	NA	NA
AMD PRO A10-8750B	5473	817	NA	NA
AMD PRO A10-8770	5707	788	NA	NA
AMD PRO A10-8770E	5035	892	NA	NA
AMD PRO A10-8850B	5852	768	NA	NA
AMD PRO A10-9700	5677	790	33.59	\$169.00*
AMD PRO A10-9700B	4380	1024	NA	NA
AMD PRO A10-9700E	5066	885	36.45	\$139.00*
AMD PRO A12-8800B	4111	1078	NA	NA
AMD PRO A12-8830B	4259	1052	NA	NA
AMD PRO A12-8870	6067	751	NA	NA

AMD PRO A12-8870	6067	751	NA	NA
AMD PRO A12-8870E	5186	867	NA	NA
AMD PRO A12-9800	6132	740	36.29	\$169.00*
AMD PRO A12-9800B	4089	1083	NA	NA
AMD PRO A12-9800E	4769	948	28.22	\$169.00*
AMD QC-4000	1663	1921	NA	NA
AMD R-260H APU	1576	1963	NA	NA
AMD R-460L APU	1954	1763	NA	NA
AMD R-464L APU	3117	1336	NA	NA
AMD RX-427BB	4364	1029	NA	NA
AMD Ryzen 3 1200	6787	671	113.14	\$59.99
AMD Ryzen 3 1300X	7551	602	58.31	\$129.50
AMD Ryzen 3 2200G	7324	623	91.60	\$79.97
AMD Ryzen 3 2200GE	6976	654	NA	NA
AMD Ryzen 3 2200U	4582	984	NA	NA
AMD Ryzen 3 2300U	6096	746	NA	NA
AMD Ryzen 3 2300X	8351	521	NA	NA
AMD Ryzen 3 3200G	7782	576	81.93	\$94.99
AMD Ryzen 3 3200U	4792	944	NA	NA
AMD Ryzen 3 3300U	6143	738	NA	NA
AMD Ryzen 3 PRO 1200	7075	644	NA	NA
AMD Ryzen 3 PRO 1300	8022	550	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	875	NA	NA
AMD Ryzen 3 PRO 2200G	8045	544	NA	NA
AMD Ryzen 3 PRO 2200GE	7613	597	NA	NA
AMD Ryzen 3 PRO 2300U	7092	642	NA	NA
AMD Ryzen 3 PRO 3200GE	8147	535	NA	NA
AMD Ryzen 3 PRO 3300U	6888	666	NA	NA
AMD Ryzen 5 1400	8364	517	62.13	\$134.63
AMD Ryzen 5 1500X	10113	345	72.57	\$139.36
AMD Ryzen 5 1600	12279	248	111.69	\$109.95
AMD Ryzen 5 1600X	13199	221	89.80	\$146.99
AMD Ryzen 5 2400G	9324	419	71.74	\$129.99
AMD Ryzen 5 2400GE	8875	475	NA	NA
AMD Ryzen 5 2500U	7360	620	NA	NA
AMD Ryzen 5 2500X	9626	394	NA	NA
AMD Ryzen 5 2600	13524	211	105.68	\$127.97

AMD Ryzen 5 2500U	9626	394	NA	NA
AMD Ryzen 5 2600	13524	211	105.68	\$127.97
AMD Ryzen 5 2600H	8366	516	NA	NA
AMD Ryzen 5 2600X	14363	184	89.78	\$159.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 3400G	9999	355	71.43	\$139.99
AMD Ryzen 5 3500U	7962	559	NA	NA
AMD Ryzen 5 3550H	8439	510	NA	NA
AMD Ryzen 5 3600	19924	72	102.23	\$194.89
AMD Ryzen 5 3600X	20492	64	83.99	\$243.99
AMD Ryzen 5 PRO 1500	10133	343	NA	NA
AMD Ryzen 5 PRO 1600	12213	253	NA	NA
AMD Ryzen 5 PRO 2400G	9990	357	NA	NA
AMD Ryzen 5 PRO 2400GE	8512	503	NA	NA
AMD Ryzen 5 PRO 2500U	8213	527	NA	NA
AMD Ryzen 5 PRO 2600	14221	189	NA	NA
AMD Ryzen 5 PRO 3500U	8437	512	NA	NA
AMD Ryzen 5 PRO 3600	21234	57	NA	NA
AMD Ryzen 7 1700	13925	194	60.60	\$229.79
AMD Ryzen 7 1700X	14812	172	90.88	\$163.00
AMD Ryzen 7 1800X	15536	154	53.58	\$289.99
AMD Ryzen 7 2700	15081	164	79.05	\$190.79
AMD Ryzen 7 2700E	13410	218	NA	NA
AMD Ryzen 7 2700U	7392	618	NA	NA
AMD Ryzen 7 2700X	16978	116	84.90	\$199.99
AMD Ryzen 7 2800H	8498	505	NA	NA
AMD Ryzen 7 3700U	8073	541	NA	NA
AMD Ryzen 7 3700X	23898	34	66.40	\$359.94
AMD Ryzen 7 3750H	9041	454	NA	NA
AMD Ryzen 7 3800X	24573	27	63.17	\$388.99
AMD Ryzen 7 PRO 1700	14112	190	NA	NA
AMD Ryzen 7 PRO 1700X	15324	159	NA	NA
AMD Ryzen 7 PRO 2700	15406	158	NA	NA
AMD Ryzen 7 PRO 2700U	8887	474	NA	NA
AMD Ryzen 7 PRO 2700X	17161	113	NA	NA
AMD Ryzen 7 PRO 3700U	8583	500	NA	NA
AMD Ryzen 9 3900X	31859	5	49.78	\$639.95

AMD Ryzen 9 3900X	31859	5	49.78	\$639.95
AMD Ryzen 9 PRO 3900	32946	4	NA	NA
AMD Ryzen Embedded R1505G	4889	921	NA	NA
AMD Ryzen Embedded V1202B	4368	1026	NA	NA
AMD Ryzen Embedded V1605B	7009	649	NA	NA
AMD Ryzen Embedded V1807B	8604	498	NA	NA
AMD Ryzen Threadripper 1900X	16127	139	76.80	\$209.99
AMD Ryzen Threadripper 1920X	19996	70	95.22	\$209.99
AMD Ryzen Threadripper 1950X	21935	47	44.77	\$489.99
AMD Ryzen Threadripper 2920X	22196	45	56.92	\$389.99
AMD Ryzen Threadripper 2950X	25461	20	36.90	\$689.99
AMD Ryzen Threadripper 2970WX	21620	52	21.41	\$1,009.99
AMD Ryzen Threadripper 2990WX	23160	39	13.63	\$1,699.00
AMD Ryzen Threadripper 2990X	19227	87	NA	NA
AMD Sempron 130	700	2432	28.03	\$24.99*
AMD Sempron 140	738	2414	18.64	\$39.59*
AMD Sempron 145	808	2385	8.52	\$94.92
AMD Sempron 150	747	2408	16.64	\$44.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 200U	267	2817	3.08	\$87.00*
AMD Sempron 210U	391	2664	NA	NA
AMD Sempron 240	2110	1698	36.39	\$58.00
AMD Sempron 2100+	392	2662	NA	NA
AMD Sempron 2200+	282	2797	9.42	\$29.99*
AMD Sempron 2300+	318	2738	7.07	\$45.00*
AMD Sempron 2400+	314	2745	12.10	\$26.00
AMD Sempron 2500+	335	2720	6.11	\$54.95
AMD Sempron 2600+	374	2676	10.71	\$34.95
AMD Sempron 2650 APU	951	2306	17.72	\$53.68
AMD Sempron 2800+	383	2668	6.40	\$59.95
AMD Sempron 3000+	408	2635	20.41	\$20.00
AMD Sempron 3100+	452	2588	7.53	\$60.00*
AMD Sempron 3200+	406	2636	3.10	\$131.22*
AMD Sempron 3300+	484	2557	8.07	\$60.00
AMD Sempron 3400+	454	2586	15.21	\$29.89
AMD Sempron 3500+	379	2671	18.98	\$20.00*
AMD Sempron 3600+	483	2559	40.30	\$12.00

AMD Sempron 3500+	379	2671	18.98	\$20.00*
AMD Sempron 3600+	483	2559	40.30	\$12.00*
AMD Sempron 3800+	554	2504	3.62	\$152.92*
AMD Sempron 3850 APU	1715	1881	23.54	\$72.90
AMD Sempron Dual Core 2100	936	2319	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2275	NA	NA
AMD Sempron Dual Core 2300	982	2283	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2309	NA	NA
AMD Sempron Dual Core 4900	1081	2226	NA	NA
AMD Sempron LE-250	490	2546	NA	NA
AMD Sempron LE-1100	438	2605	NA	NA
AMD Sempron LE-1150	444	2597	NA	NA
AMD Sempron LE-1200	527	2518	NA	NA
AMD Sempron LE-1250	543	2509	5.44	\$99.95*
AMD Sempron LE-1300	598	2480	28.51	\$21.00
AMD Sempron LE-1600	535	2514	NA	NA
AMD Sempron LE-1620	635	2462	NA	NA
AMD Sempron LE-1640	759	2403	NA	NA
AMD Sempron M100	566	2500	47.17	\$12.00*
AMD Sempron M120	582	2489	NA	NA
AMD Sempron SI-40	443	2599	36.93	\$12.00*
AMD Sempron SI-42	456	2585	15.22	\$30.01*
AMD Sempron X2 180	1391	2042	20.05	\$69.40*
AMD Sempron X2 190	1534	1980	18.39	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	2036	NA	NA
AMD Turion 64 Mobile MK-36	465	2572	NA	NA
AMD Turion 64 Mobile MK-38	513	2530	NA	NA
AMD Turion 64 Mobile ML-28	390	2665	NA	NA
AMD Turion 64 Mobile ML-30	402	2646	NA	NA
AMD Turion 64 Mobile ML-32	402	2644	NA	NA
AMD Turion 64 Mobile ML-34	425	2620	NA	NA
AMD Turion 64 Mobile ML-37	446	2595	2.27	\$196.50*
AMD Turion 64 Mobile ML-40	522	2524	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 Mobile ML-42	615	2471	NA	NA
AMD Turion 64 Mobile ML-44	591	2482	NA	NA
AMD Turion 64 Mobile MT-28	419	2623	NA	NA

AMD Turion 64 Mobile ML-44	591	2482	NA	NA
AMD Turion 64 Mobile MT-28	419	2623	NA	NA
AMD Turion 64 Mobile MT-30	378	2672	NA	NA
AMD Turion 64 Mobile MT-32	426	2619	NA	NA
AMD Turion 64 Mobile MT-34	429	2615	NA	NA
AMD Turion 64 Mobile MT-37	484	2556	NA	NA
AMD Turion 64 Mobile MT-40	536	2513	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2410	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2399	NA	NA
AMD Turion 64 X2 Mobile TL-56	891	2344	63.89	\$13.95*
AMD Turion 64 X2 Mobile TL-58	947	2313	NA	NA
AMD Turion 64 X2 Mobile TL-60	996	2274	62.48	\$15.95*
AMD Turion 64 X2 Mobile TL-62	1087	2218	3.50	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1090	2217	27.69	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2191	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2179	12.92	\$90.00*
AMD Turion Dual-Core RM-70	912	2335	36.49	\$25.00*
AMD Turion Dual-Core RM-72	860	2354	21.52	\$39.99*
AMD Turion Dual-Core RM-74	1016	2258	NA	NA
AMD Turion Dual-Core RM-75	1003	2268	36.53	\$27.46*
AMD Turion II Dual-Core Mobile M500	1293	2097	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2090	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	2075	NA	NA
AMD Turion II N530 Dual-Core	1583	1961	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1983	NA	NA
AMD Turion II Neo K625 Dual-Core	977	2285	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2163	NA	NA
AMD Turion II Neo N40L Dual-Core	928	2323	NA	NA
AMD Turion II Neo N54L Dual-Core	1364	2057	NA	NA
AMD Turion II P520 Dual-Core	1360	2062	NA	NA
AMD Turion II P540 Dual-Core	1431	2029	28.66	\$49.95*
AMD Turion II P560 Dual-Core	1515	1990	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	2037	52.55	\$26.76*
AMD Turion II Ultra Dual-Core Mobile M620	1435	2026	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1670	1912	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1981	NA	NA

AMD Turion II Ultra Dual-Core Mobile M660	1533	1981	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2381	NA	NA
AMD Turion X2 Dual Core L510	923	2328	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2356	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2235	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	994	2279	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2222	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1059	2234	43.31	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1120	2196	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2186	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1023	2252	16.51	\$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2224	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2149	63.72	\$18.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2137	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1295	2096	23.56	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1205	2152	30.18	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2273	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2249	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	2017	NA	NA
AMD V105	299	2765	NA	NA
AMD V120	623	2469	NA	NA
AMD V140	643	2459	12.89	\$49.95*
AMD V160	677	2444	NA	NA
AMD Z-01	523	2523	NA	NA
AMD Z-60 APU	500	2541	NA	NA
AMD-K6 3D	90	2941	NA	NA
AMD-K6-III	108	2938	NA	NA
AMD-K7	403	2643	NA	NA
Athlon 64 Dual Core 3800+	1234	2138	NA	NA
Athlon 64 Dual Core 4200+	1156	2183	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	2055	NA	NA
Athlon 64 Dual Core 5000+	1507	1995	NA	NA

Athlon 64 Dual Core 4800+	1370	2055	NA	NA
Athlon 64 Dual Core 5000+	1507	1995	NA	NA
Athlon 64 Dual Core 5400+	1614	1945	NA	NA
Athlon 64 Dual Core 5600+	1548	1972	NA	NA
Athlon Dual Core 4050e	968	2292	NA	NA
Athlon Dual Core 4450e	1204	2153	NA	NA
Athlon Dual Core 4850e	1346	2068	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1428	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1086	2221	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1172	2171	27.91	\$42.00
Celeron Dual-Core T3300 @ 2.00GHz	1201	2156	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1275	2115	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2151	NA	NA
HP Hexa-Core 2.0GHz	2178	1670	4.32	\$504.27*
Intel 2.80GHz	525	2521	NA	NA
Intel 1300 @ 1.66GHz	857	2358	NA	NA
Intel 1400 @ 1.83GHz	980	2284	NA	NA
Intel 1500 @ 2.00GHz	1024	2250	NA	NA
Intel Atom 230 @ 1.60GHz	307	2752	NA	NA
Intel Atom 330 @ 1.60GHz	587	2486	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2343	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2299	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1708	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2261	1637	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1675	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3768	1150	16.24	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1260	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1318	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1562	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1530	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	932	14.62	\$332.00*
Intel Atom C3958 @ 2.00GHz	6586	696	14.67	\$449.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D410 @ 1.66GHz	301	2761	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2713	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	658	2452	6.78	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2427	NA	NA

Intel Atom D525 @ 1.80GHz	706	2427	NA	NA
Intel Atom D2500 @ 1.86GHz	403	2641	NA	NA
Intel Atom D2550 @ 1.86GHz	680	2442	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2424	NA	NA
Intel Atom D2700 @ 2.13GHz	839	2366	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2421	NA	NA
Intel Atom E660 @ 1.30GHz	271	2813	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2710	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2726	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2491	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2547	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2362	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2180	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	1997	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1809	NA	NA
Intel Atom E3950 @ 1.60GHz	1876	1805	NA	NA
Intel Atom K510 @ 1.66GHz	658	2451	NA	NA
Intel Atom N270 @ 1.60GHz	270	2816	NA	NA
Intel Atom N280 @ 1.66GHz	282	2795	NA	NA
Intel Atom N435 @ 1.33GHz	261	2824	NA	NA
Intel Atom N450 @ 1.66GHz	296	2771	NA	NA
Intel Atom N455 @ 1.66GHz	283	2793	NA	NA
Intel Atom N470 @ 1.83GHz	318	2737	NA	NA
Intel Atom N475 @ 1.83GHz	314	2743	NA	NA
Intel Atom N550 @ 1.50GHz	524	2522	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	573	2496	6.66	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2757	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2519	NA	NA
Intel Atom N2800 @ 1.86GHz	625	2467	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2331	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1727	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2382	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1600	1953	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1191	2159	8.96	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1015	2259	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1274	2116	60.69	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1696	1898	27.11	\$62.57*

Intel Atom x5-Z8350 @ 1.44GHz	1274	2116	60.69	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1696	1898	27.11	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1833	1830	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1893	1797	25.71	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1894	1795	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2892	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2868	NA	NA
Intel Atom Z520 @ 1.33GHz	217	2869	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2801	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2707	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2669	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z670 @ 1.50GHz	243	2848	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2499	NA	NA
Intel Atom Z3735D @ 1.33GHz	937	2317	NA	NA
Intel Atom Z3735E @ 1.33GHz	948	2311	8.10	\$117.00*
Intel Atom Z3735F @ 1.33GHz	914	2332	5.04	\$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2339	NA	NA
Intel Atom Z3736F @ 1.33GHz	913	2333	NA	NA
Intel Atom Z3740 @ 1.33GHz	1068	2231	NA	NA
Intel Atom Z3740D @ 1.33GHz	1011	2261	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2229	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1018	2257	NA	NA
Intel Atom Z3770 @ 1.46GHz	1252	2128	8.38	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2386	NA	NA
Intel Atom Z3775 @ 1.46GHz	1277	2114	36.49	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2112	NA	NA
Intel Atom Z3795 @ 1.60GHz	1804	1843	NA	NA
Intel Celeron 1.70GHz	130	2931	NA	NA
Intel Celeron 1.80GHz	136	2928	NA	NA
Intel Celeron 2.00GHz	182	2904	NA	NA
Intel Celeron 2.10GHz	244	2846	NA	NA
Intel Celeron 2.13GHz	208	2879	NA	NA
Intel Celeron 2.20GHz	213	2874	NA	NA
Intel Celeron 2.26GHz	223	2863	NA	NA
Intel Celeron 2.30GHz	227	2860	NA	NA
Intel Celeron 2.40GHz	217	2870	NA	NA

Intel Celeron 2.40GHz	217	2870	NA	NA
Intel Celeron 2.50GHz	247	2840	NA	NA
Intel Celeron 2.53GHz	245	2844	NA	NA
Intel Celeron 2.60GHz	238	2850	NA	NA
Intel Celeron 2.66GHz	249	2838	NA	NA
Intel Celeron 2.70GHz	245	2845	NA	NA
Intel Celeron 2.80GHz	254	2830	NA	NA
Intel Celeron 2.93GHz	283	2792	NA	NA
Intel Celeron 3.06GHz	284	2789	NA	NA
Intel Celeron 3.20GHz	288	2782	NA	NA
Intel Celeron 3.33GHz	333	2724	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2732	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2734	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2590	11.27	\$39.99*
Intel Celeron 430 @ 1.80GHz	487	2550	10.33	\$47.18
Intel Celeron 440 @ 2.00GHz	544	2507	24.38	\$22.33
Intel Celeron 450 @ 2.20GHz	625	2468	20.86	\$29.99*
Intel Celeron 530 @ 1.73GHz	474	2566	20.62	\$22.99*
Intel Celeron 540 @ 1.86GHz	521	2525	NA	NA
Intel Celeron 550 @ 2.00GHz	517	2527	7.96	\$64.95
Intel Celeron 560 @ 2.13GHz	531	2516	6.65	\$79.95
Intel Celeron 570 @ 2.26GHz	517	2526	NA	NA
Intel Celeron 600MHz	147	2924	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2639	NA	NA
Intel Celeron 743 @ 1.30GHz	421	2622	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 807 @ 1.50GHz	751	2407	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2685	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2472	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2320	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1021	2254	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2189	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2170	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1290	2100	NA	NA
Intel Celeron 887 @ 1.50GHz	1280	2110	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2445	23.33	\$28.99
Intel Celeron 925 @ 2.30GHz	691	2437	NA	NA

Intel Celeron 900 @ 2.20GHz	676	2445	23.33	\$28.99
Intel Celeron 925 @ 2.30GHz	691	2437	NA	NA
Intel Celeron 1000M @ 1.80GHz	1675	1908	NA	NA
Intel Celeron 1000MHz	213	2873	NA	NA
Intel Celeron 1005M @ 1.90GHz	1809	1838	NA	NA
Intel Celeron 1007U @ 1.50GHz	1389	2044	7.51	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1513	1993	NA	NA
Intel Celeron 1019Y @ 1.00GHz	946	2314	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1652	NA	NA
Intel Celeron 1037U @ 1.80GHz	1737	1872	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2161	NA	NA
Intel Celeron 1066MHz	259	2826	NA	NA
Intel Celeron 1100MHz	174	2910	NA	NA
Intel Celeron 1133MHz	282	2794	NA	NA
Intel Celeron 1200MHz	244	2847	NA	NA
Intel Celeron 1300MHz	288	2784	NA	NA
Intel Celeron 1333MHz	290	2778	NA	NA
Intel Celeron 1400MHz	302	2758	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1597	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	1948	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1984	1749	NA	NA
Intel Celeron 2955U @ 1.40GHz	1417	2033	NA	NA
Intel Celeron 2957U @ 1.40GHz	1434	2027	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2204	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1611	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	1959	NA	NA
Intel Celeron 2981U @ 1.60GHz	1364	2058	NA	NA
Intel Celeron 3205U @ 1.50GHz	1501	1999	5.23	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1641	1930	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1893	NA	NA
Intel Celeron 3765U @ 1.90GHz	1948	1768	NA	NA
Intel Celeron 3855U @ 1.60GHz	1687	1902	NA	NA
Intel Celeron 3865U @ 1.80GHz	1913	1787	NA	NA
Intel Celeron 3867U @ 1.80GHz	1843	1823	17.23	\$107.00*
Intel Celeron 3955U @ 2.00GHz	1934	1774	NA	NA
Intel Celeron 3965U @ 2.20GHz	2358	1598	22.04	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1607	1947	15.03	\$107.00*
Intel Celeron 4885U @ 1.80GHz	1250	1705	10.05	\$107.00*

Intel Celeron 3965Y @ 1.50GHz	1607	1947	15.03	\$107.00*
Intel Celeron 4205U @ 1.80GHz	1953	1765	18.25	\$107.00*
Intel Celeron @ 1.30GHz	965	2294	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2898	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron B720 @ 1.70GHz	814	2379	NA	NA
Intel Celeron B800 @ 1.50GHz	1278	2111	NA	NA
Intel Celeron B810 @ 1.60GHz	1395	2041	NA	NA
Intel Celeron B815 @ 1.60GHz	1363	2059	NA	NA
Intel Celeron B820 @ 1.70GHz	1432	2028	36.46	\$39.29*
Intel Celeron B830 @ 1.80GHz	1512	1994	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1878	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2815	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2759	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2740	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2719	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2640	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2560	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2487	NA	NA
Intel Celeron E1200 @ 1.60GHz	858	2357	7.80	\$109.95*
Intel Celeron E1400 @ 2.00GHz	1052	2238	15.04	\$69.99
Intel Celeron E1500 @ 2.20GHz	1169	2174	59.51	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2124	NA	NA
Intel Celeron E3200 @ 2.40GHz	1382	2048	26.59	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1389	2045	55.62	\$24.98
Intel Celeron E3400 @ 2.60GHz	1441	2023	2.36	\$610.00*
Intel Celeron E3500 @ 2.70GHz	1454	2016	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	694	2434	13.90	\$49.99*
Intel Celeron G460 @ 1.80GHz	1035	2246	15.93	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2232	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2094	NA	NA
Intel Celeron G530 @ 2.40GHz	2130	1689	53.27	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1879	NA	NA
Intel Celeron G540 @ 2.50GHz	2197	1666	48.83	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1694	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1619	28.63	\$80.00
Intel Celeron G550T @ 2.20GHz	2032	1731	NA	NA

Intel Celeron G550 @ 2.60GHz	2290	1619	28.63	\$80.00
Intel Celeron G550T @ 2.20GHz	2032	1731	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1572	22.23	\$109.00
Intel Celeron G1101 @ 2.27GHz	1667	1916	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2488	1551	52.95	\$47.00
Intel Celeron G1610T @ 2.30GHz	2256	1639	56.35	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2575	1514	39.63	\$64.99
Intel Celeron G1620T @ 2.40GHz	2353	1602	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1549	35.63	\$69.99
Intel Celeron G1820 @ 2.70GHz	2754	1460	45.92	\$59.99
Intel Celeron G1820T @ 2.40GHz	2500	1547	59.54	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1687	NA	NA
Intel Celeron G1830 @ 2.80GHz	2559	1520	26.95	\$94.95
Intel Celeron G1840 @ 2.80GHz	2860	1425	31.86	\$89.79
Intel Celeron G1840T @ 2.50GHz	2554	1524	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1404	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3134	1329	57.00	\$54.99
Intel Celeron G3900E @ 2.40GHz	2679	1481	NA	NA
Intel Celeron G3900T @ 2.60GHz	2925	1400	26.01	\$112.46*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3900TE @ 2.30GHz	2591	1507	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3123	1333	27.40	\$113.99*
Intel Celeron G3930 @ 2.90GHz	3037	1360	59.36	\$51.17*
Intel Celeron G3930T @ 2.70GHz	2766	1454	40.21	\$68.80
Intel Celeron G3930TE @ 2.70GHz	2970	1384	70.72	\$42.00*
Intel Celeron G3950 @ 3.00GHz	3049	1358	42.82	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3285	1276	73.53	\$44.69
Intel Celeron G4900T @ 2.90GHz	3096	1341	NA	NA
Intel Celeron G4920 @ 3.20GHz	3192	1306	41.74	\$76.50*
Intel Celeron G4930 @ 3.20GHz	3439	1236	55.06	\$62.47
Intel Celeron J1750 @ 2.41GHz	1037	2245	NA	NA
Intel Celeron J1800 @ 2.41GHz	1020	2255	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1943	NA	NA
Intel Celeron J1900 @ 1.99GHz	1852	1817	NA	NA
Intel Celeron J3060 @ 1.60GHz	976	2287	NA	NA
Intel Celeron J3160 @ 1.60GHz	1793	1847	NA	NA
Intel Celeron J3355 @ 2.00GHz	1168	2175	NA	NA

Intel Celeron J3160 @ 1.60GHz	1793	1847	NA	NA
Intel Celeron J3355 @ 2.00GHz	1168	2175	NA	NA
Intel Celeron J3455 @ 1.50GHz	2112	1697	5.56	\$379.99
Intel Celeron J4005 @ 2.00GHz	1544	1974	10.99	\$140.51*
Intel Celeron J4105 @ 1.50GHz	2647	1492	24.74	\$107.00*
Intel Celeron M 1.00GHz	207	2880	1.60	\$129.95
Intel Celeron M 1.30GHz	316	2739	NA	NA
Intel Celeron M 1.50GHz	343	2715	NA	NA
Intel Celeron M 1.60GHz	364	2694	NA	NA
Intel Celeron M 1.70GHz	393	2660	NA	NA
Intel Celeron M 360 1.40GHz	328	2728	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2741	NA	NA
Intel Celeron M 420 @ 1.60GHz	334	2723	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2687	NA	NA
Intel Celeron M 440 @ 1.86GHz	392	2661	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2832	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2591	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2614	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2576	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2510	NA	NA
Intel Celeron M 600MHz	151	2922	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2584	NA	NA
Intel Celeron M 900MHz	204	2882	NA	NA
Intel Celeron M 1200MHz	275	2810	NA	NA
Intel Celeron M 1300MHz	303	2755	NA	NA
Intel Celeron M 1500MHz	333	2725	NA	NA
Intel Celeron M ULV 800MHz	184	2902	NA	NA
Intel Celeron N2805 @ 1.46GHz	460	2581	NA	NA
Intel Celeron N2806 @ 1.60GHz	802	2387	NA	NA
Intel Celeron N2807 @ 1.58GHz	861	2353	NA	NA
Intel Celeron N2808 @ 1.58GHz	907	2338	NA	NA
Intel Celeron N2810 @ 2.00GHz	787	2392	5.62	\$139.99*
Intel Celeron N2815 @ 1.86GHz	859	2355	NA	NA
Intel Celeron N2820 @ 2.13GHz	936	2318	4.46	\$209.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2830 @ 2.16GHz	966	2293	NA	NA
Intel Celeron N2840 @ 2.16GHz	1003	2267	NA	NA

Intel Celeron N2840 @ 2.16GHz	1003	2267	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2154	NA	NA
Intel Celeron N2920 @ 1.86GHz	1514	1992	NA	NA
Intel Celeron N2930 @ 1.83GHz	1658	1924	NA	NA
Intel Celeron N2940 @ 1.83GHz	1722	1875	NA	NA
Intel Celeron N3000 @ 1.04GHz	899	2341	NA	NA
Intel Celeron N3010 @ 1.04GHz	973	2288	NA	NA
Intel Celeron N3050 @ 1.60GHz	879	2346	5.83	\$150.87
Intel Celeron N3060 @ 1.60GHz	988	2281	NA	NA
Intel Celeron N3150 @ 1.60GHz	1665	1917	NA	NA
Intel Celeron N3160 @ 1.60GHz	1664	1920	5.56	\$299.18
Intel Celeron N3350 @ 1.10GHz	1112	2202	NA	NA
Intel Celeron N3450 @ 1.10GHz	1850	1818	11.72	\$157.91
Intel Celeron N4000 @ 1.10GHz	1437	2024	13.44	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2258	1638	21.11	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1116	2198	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2277	NA	NA
Intel Celeron P4600 @ 2.00GHz	1328	2079	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2396	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2308	47.57	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2236	35.29	\$29.99*
Intel Celeron U1900 @ 1.99GHz	1704	1892	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2419	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2439	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2384	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2239	6.57	\$159.95*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2182	23.15	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1270	2118	17.84	\$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1384	2047	8.77	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	2008	54.88	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1108	2207	85.33	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2164	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1289	2102	43.04	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1360	2063	27.21	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	2019	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	2000	100.24	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1554	1971	103.73	\$14.99*

Intel Core2 Duo E6550 @ 2.33GHz	1490	2000	100.24	\$14.99
Intel Core2 Duo E6600 @ 2.40GHz	1554	1971	103.73	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1900	56.47	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1714	1883	166.46	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1945	1769	38.92	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1628	1939	33.24	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1726	1874	43.30	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1769	1852	61.05	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1873	1808	125.01	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1963	1759	16.37	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1490	2003	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1761	1855	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1882	1804	37.66	\$49.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8235 @ 2.80GHz	1955	1762	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1600	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1989	1746	99.53	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1819	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1691	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2148	1683	47.23	\$45.50*
Intel Core2 Duo E8435 @ 3.06GHz	2097	1702	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2281	1625	57.06	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2398	1583	56.50	\$42.45*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1661	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2401	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2440	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2375	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2364	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	959	2301	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2289	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2197	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1080	2227	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1346	2067	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	2101	64.48	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1307	2089	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	2034	35.43	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2315	NA	NA
Intel Core2 Duo P7550 @ 2.00GHz	1518	1987	6.60	\$99.99*

Intel Core2 Duo P7500 @ 1.60GHz	945	2315	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	1987	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1455	2015	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2253	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1452	2018	4.89	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	1979	31.25	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1941	42.77	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1739	1869	30.53	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1968	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1753	1863	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1754	1861	17.72	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1864	1813	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2015	1737	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2485	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1251	2130	4.95	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1680	1906	5.92	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	925	2324	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	833	2370	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	839	2368	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2380	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	932	2321	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2334	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2337	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2329	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1039	2244	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2248	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2278	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5750 @ 2.00GHz	1094	2216	109.58	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1116	2199	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1200	2157	75.48	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1148	2187	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2148	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2142	81.79	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1285	2106	85.75	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1259	2123	32.71	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1360	2061	71.98	\$18.90*

Intel Core2 Duo T6570 @ 2.10GHz	1259	2123	32.71	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1360	2061	71.98	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1358	2064	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1020	2256	46.39	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	2176	11.68	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1114	2200	5.53	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1193	2158	38.50	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1250	2132	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1271	2117	29.58	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1378	2053	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1423	2031	10.17	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1597	1955	2.63	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1298	2095	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1473	2010	13.52	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1673	1909	28.86	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1739	1870	38.71	\$44.95*
Intel Core2 Duo T9500 @ 2.60GHz	1793	1846	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1806	1841	6.04	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1779	21.42	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2014	1740	4.75	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2135	1685	5.35	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	874	2349	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2483	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2447	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2433	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	855	2360	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1129	2195	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1903	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1182	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3632	1185	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1232	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1875	1807	7.11	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1844	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2077	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1672	1911	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1796	4.62	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2072	1713	2.44	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4156	1070	4.83	\$859.95*

Intel Core2 Extreme X9100 @ 3.06GHz	2072	1713	2.44	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4156	1070	4.83	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	1001	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4614	975	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	969	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2947	1390	73.73	\$39.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q6700 @ 2.66GHz	3281	1277	72.93	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2808	1441	122.18	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2980	1377	59.62	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3161	1319	13.17	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2525	1532	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1288	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3154	1322	15.81	\$199.50*
Intel Core2 Quad Q9400 @ 2.66GHz	3338	1265	69.52	\$48.03*
Intel Core2 Quad Q9450 @ 2.66GHz	3757	1156	105.26	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3519	1217	100.60	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3531	1212	18.59	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3962	1110	89.07	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4157	1069	38.10	\$109.11
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1112	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2698	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2748	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2626	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	464	2573	NA	NA
Intel Core 330 @ 1.60GHz	643	2458	NA	NA
Intel Core 860 @ 2.80GHz	4555	987	26.96	\$169.00*
Intel Core Duo L2300 @ 1.50GHz	719	2422	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2430	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2409	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2436	NA	NA
Intel Core Duo T2250 @ 1.73GHz	754	2405	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2417	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2400	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2391	49.63	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2374	NA	NA
Intel Core Duo T2500 @ 2.00GHz	862	2352	7.19	\$119.90*

Intel Core Duo T2450 @ 2.00GHz	825	2374	NA	NA
Intel Core Duo T2500 @ 2.00GHz	862	2352	7.19	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2316	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2251	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2508	NA	NA
Intel Core Duo U2500 @ 1.20GHz	511	2533	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1773	NA	NA
Intel Core i3-330M @ 2.13GHz	1785	1849	11.16	\$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2230	NA	NA
Intel Core i3-350M @ 2.27GHz	1892	1799	112.96	\$16.75
Intel Core i3-370M @ 2.40GHz	2015	1739	50.44	\$39.96*
Intel Core i3-380M @ 2.53GHz	2093	1704	34.91	\$59.95
Intel Core i3-380UM @ 1.33GHz	1157	2181	NA	NA
Intel Core i3-390M @ 2.67GHz	2170	1674	55.72	\$38.95*
Intel Core i3-530 @ 2.93GHz	2565	1519	23.75	\$108.00
Intel Core i3-540 @ 3.07GHz	2686	1479	20.67	\$129.99
Intel Core i3-550 @ 3.20GHz	2829	1432	16.10	\$175.74
Intel Core i3-560 @ 3.33GHz	2933	1394	16.30	\$179.95*
Intel Core i3-1005G1 @ 1.20GHz	5905	762	21.02	\$281.00*
Intel Core i3-2100 @ 3.10GHz	3691	1175	67.13	\$54.99
Intel Core i3-2100T @ 2.50GHz	2980	1378	49.68	\$59.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2102 @ 3.10GHz	3736	1163	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3712	1170	32.29	\$114.99*
Intel Core i3-2120 @ 3.30GHz	3930	1119	65.51	\$59.99
Intel Core i3-2120T @ 2.60GHz	3155	1321	126.28	\$24.99
Intel Core i3-2125 @ 3.30GHz	4015	1094	19.40	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4077	1085	64.75	\$62.98
Intel Core i3-2140 @ 3.50GHz	4325	1038	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1427	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2432	1569	62.68	\$38.81
Intel Core i3-2312M @ 2.10GHz	2374	1592	NA	NA
Intel Core i3-2328M @ 2.20GHz	2542	1529	27.35	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1349	NA	NA
Intel Core i3-2330M @ 2.20GHz	2526	1531	50.58	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1589	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1877	NA	NA

Intel Core i3-2332M @ 2.20GHz	2302	1509	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1877	NA	NA
Intel Core i3-2348M @ 2.30GHz	2623	1497	NA	NA
Intel Core i3-2350M @ 2.30GHz	2630	1496	87.70	\$29.99
Intel Core i3-2357M @ 1.30GHz	1556	1970	NA	NA
Intel Core i3-2365M @ 1.40GHz	1681	1905	NA	NA
Intel Core i3-2367M @ 1.40GHz	1708	1889	NA	NA
Intel Core i3-2370M @ 2.40GHz	2777	1450	69.78	\$39.81
Intel Core i3-2375M @ 1.50GHz	1769	1853	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1833	NA	NA
Intel Core i3-3110M @ 2.40GHz	3081	1345	38.54	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3226	1295	29.33	\$110.00*
Intel Core i3-3130M @ 2.60GHz	3384	1251	NA	NA
Intel Core i3-3210 @ 3.20GHz	4044	1089	20.32	\$199.00
Intel Core i3-3217U @ 1.80GHz	2303	1617	10.01	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1677	NA	NA
Intel Core i3-3220 @ 3.30GHz	4245	1054	77.21	\$54.99
Intel Core i3-3220T @ 2.80GHz	3695	1173	29.56	\$125.00
Intel Core i3-3225 @ 3.30GHz	4344	1032	13.37	\$324.99
Intel Core i3-3227U @ 1.90GHz	2466	1558	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1895	NA	NA
Intel Core i3-3240 @ 3.40GHz	4318	1041	86.38	\$50.00
Intel Core i3-3240T @ 2.90GHz	3666	1180	NA	NA
Intel Core i3-3245 @ 3.40GHz	4463	1007	25.95	\$172.01*
Intel Core i3-3250 @ 3.50GHz	4456	1009	46.92	\$94.99*
Intel Core i3-3250T @ 3.00GHz	3614	1188	NA	NA
Intel Core i3-4000M @ 2.40GHz	3261	1281	16.31	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2444	1566	NA	NA
Intel Core i3-4010U @ 1.70GHz	2442	1567	16.28	\$149.99
Intel Core i3-4010Y @ 1.30GHz	1900	1793	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2164	1676	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2213	1660	NA	NA
Intel Core i3-4025U @ 1.90GHz	2789	1448	NA	NA
Intel Core i3-4030U @ 1.90GHz	2716	1472	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1543	NA	NA
Intel Core i3-4100M @ 2.50GHz	3419	1238	15.65	\$218.57*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4110M @ 2.60GHz	3854	1128	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1410	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1357	NA	NA
Intel Core i3-4130 @ 3.40GHz	4803	941	53.38	\$89.99
Intel Core i3-4130T @ 2.90GHz	4148	1072	46.61	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4899	920	49.49	\$99.00
Intel Core i3-4150T @ 3.00GHz	4227	1055	18.39	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1401	NA	NA
Intel Core i3-4160 @ 3.60GHz	5048	890	46.11	\$109.47
Intel Core i3-4160T @ 3.10GHz	4451	1011	29.68	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5191	865	19.97	\$259.95
Intel Core i3-4170T @ 3.20GHz	4545	993	21.65	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5086	877	15.49	\$328.39
Intel Core i3-4330T @ 3.00GHz	4485	1005	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1301	NA	NA
Intel Core i3-4340 @ 3.60GHz	5242	857	30.84	\$169.99*
Intel Core i3-4350 @ 3.60GHz	4990	903	29.36	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	1045	NA	NA
Intel Core i3-4360 @ 3.70GHz	5461	822	21.09	\$259.00
Intel Core i3-4360T @ 3.20GHz	4636	970	NA	NA
Intel Core i3-4370 @ 3.80GHz	5613	798	18.17	\$309.00*
Intel Core i3-4370T @ 3.30GHz	4870	924	35.29	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	912	NA	NA
Intel Core i3-5005U @ 2.00GHz	2904	1407	NA	NA
Intel Core i3-5010U @ 2.10GHz	3057	1354	9.05	\$337.76*
Intel Core i3-5015U @ 2.10GHz	2991	1375	NA	NA
Intel Core i3-5020U @ 2.20GHz	3201	1300	6.98	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	1179	NA	NA
Intel Core i3-6006U @ 2.00GHz	3081	1346	NA	NA
Intel Core i3-6098P @ 3.60GHz	5395	832	40.35	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5482	815	45.78	\$119.75
Intel Core i3-6100E @ 2.70GHz	3769	1149	NA	NA
Intel Core i3-6100H @ 2.70GHz	4219	1060	NA	NA
Intel Core i3-6100T @ 3.20GHz	4849	934	35.92	\$134.99*
Intel Core i3-6100TE @ 2.70GHz	4304	1044	NA	NA
Intel Core i3-6100U @ 2.30GHz	3606	1191	7.00	\$515.00*

Intel Core i3-6100E @ 2.70GHz	3606	1191	7.00	\$515.00*
Intel Core i3-6100U @ 2.30GHz	3196	1304	14.20	\$225.00*
Intel Core i3-6157U @ 2.40GHz	3835	1134	NA	NA
Intel Core i3-6300 @ 3.80GHz	5845	771	10.78	\$541.99*
Intel Core i3-6300T @ 3.30GHz	5247	856	33.86	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6047	752	13.65	\$443.00
Intel Core i3-7020U @ 2.30GHz	3539	1206	12.60	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5783	777	41.84	\$138.24
Intel Core i3-7100H @ 3.00GHz	4627	974	20.57	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5055	888	35.50	\$142.43
Intel Core i3-7100U @ 2.40GHz	3766	1151	9.90	\$380.64*
Intel Core i3-7101TE @ 3.40GHz	5189	866	44.36	\$117.00*
Intel Core i3-7102E @ 2.10GHz	3266	1280	14.52	\$225.00*
Intel Core i3-7130U @ 2.70GHz	4062	1087	8.83	\$459.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7167U @ 2.80GHz	4757	950	NA	NA
Intel Core i3-7300 @ 4.00GHz	6328	720	36.83	\$171.84*
Intel Core i3-7300T @ 3.50GHz	5369	836	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6417	712	35.12	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6599	695	26.94	\$245.00
Intel Core i3-8100 @ 3.60GHz	8016	551	51.81	\$154.73
Intel Core i3-8100B @ 3.60GHz	8544	502	64.24	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7333	622	56.85	\$129.00*
Intel Core i3-8109U @ 3.00GHz	6157	734	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	942	NA	NA
Intel Core i3-8130U @ 2.20GHz	5025	896	17.88	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5548	809	19.75	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8706	486	54.42	\$159.99
Intel Core i3-8300T @ 3.20GHz	8032	548	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9238	427	49.94	\$184.99*
Intel Core i3-9100 @ 3.60GHz	9095	442	52.90	\$171.95
Intel Core i3-9100F @ 3.60GHz	9028	455	100.33	\$89.99
Intel Core i3-9100T @ 3.10GHz	7683	590	62.98	\$122.00*
Intel Core i3-9300 @ 3.70GHz	10018	350	65.91	\$152.00*
Intel Core i3-9300T @ 3.20GHz	8777	480	61.38	\$143.00*
Intel Core i3-9320 @ 3.70GHz	10144	341	62.62	\$162.00*
Intel Core i3-9350KE @ 4.00GHz	10605	315	58.11	\$182.59*

Intel Core i3-9320 @ 3.70GHz	10144	341	62.62	\$162.00*
Intel Core i3-9350KF @ 4.00GHz	10605	315	58.11	\$182.52
Intel Core i3-21050 @ 3.10GHz	3862	1127	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1667	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1553	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3538	1209	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3676	1177	NA	NA
Intel Core i5-430M @ 2.27GHz	2094	1703	14.97	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	2073	NA	NA
Intel Core i5-450M @ 2.40GHz	2131	1688	66.71	\$31.95*
Intel Core i5-460M @ 2.53GHz	2321	1605	30.98	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1079	2228	NA	NA
Intel Core i5-480M @ 2.67GHz	2402	1579	29.81	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1646	NA	NA
Intel Core i5-520M @ 2.40GHz	2367	1594	79.43	\$29.81
Intel Core i5-520UM @ 1.07GHz	1345	2069	NA	NA
Intel Core i5-540M @ 2.53GHz	2452	1563	12.91	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1375	2054	NA	NA
Intel Core i5-560M @ 2.67GHz	2579	1512	31.47	\$81.97*
Intel Core i5-560UM @ 1.33GHz	1664	1919	NA	NA
Intel Core i5-580M @ 2.67GHz	2581	1511	23.47	\$109.95*
Intel Core i5-650 @ 3.20GHz	3097	1340	13.77	\$224.95*
Intel Core i5-655K @ 3.20GHz	3386	1250	56.45	\$59.99*
Intel Core i5-660 @ 3.33GHz	3246	1287	91.44	\$35.50
Intel Core i5-661 @ 3.33GHz	3193	1305	13.88	\$229.99*
Intel Core i5-670 @ 3.47GHz	3309	1271	11.86	\$279.00*
Intel Core i5-680 @ 3.60GHz	3512	1218	11.33	\$309.95
Intel Core i5-750 @ 2.67GHz	3720	1166	84.72	\$43.92
Intel Core i5-760 @ 2.80GHz	3937	1117	18.84	\$209.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-1035G1 @ 1.00GHz	9135	436	30.76	\$297.00*
Intel Core i5-2300 @ 2.80GHz	5366	837	67.09	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5534	812	29.70	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5772	780	56.25	\$102.63
Intel Core i5-2380P @ 3.10GHz	5762	782	32.01	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4223	1058	42.27	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5971	755	101.03	\$59.11

Intel Core i5-2390T @ 2.70GHz	4223	1058	42.27	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5971	755	101.03	\$59.11
Intel Core i5-2400S @ 2.50GHz	4991	902	27.42	\$182.00
Intel Core i5-2405S @ 2.50GHz	5082	880	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3169	1313	44.03	\$72.00*
Intel Core i5-2415M @ 2.30GHz	3303	1273	NA	NA
Intel Core i5-2430M @ 2.40GHz	3286	1275	36.92	\$89.02
Intel Core i5-2435M @ 2.40GHz	3232	1292	NA	NA
Intel Core i5-2450M @ 2.50GHz	3402	1242	38.65	\$88.02*
Intel Core i5-2450P @ 3.20GHz	6149	737	68.34	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2319	1607	NA	NA
Intel Core i5-2500 @ 3.30GHz	6351	717	115.49	\$55.00
Intel Core i5-2500K @ 3.30GHz	6487	704	14.94	\$434.26*
Intel Core i5-2500S @ 2.70GHz	5379	835	71.74	\$74.99*
Intel Core i5-2500T @ 2.30GHz	4647	968	51.64	\$89.99*
Intel Core i5-2510E @ 2.50GHz	3483	1225	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1270	NA	NA
Intel Core i5-2520M @ 2.50GHz	3593	1194	21.19	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2064	1718	NA	NA
Intel Core i5-2540M @ 2.60GHz	3785	1146	66.40	\$57.02
Intel Core i5-2550K @ 3.40GHz	6672	687	35.12	\$190.00*
Intel Core i5-2557M @ 1.70GHz	2691	1477	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1157	NA	NA
Intel Core i5-3210M @ 2.50GHz	3828	1137	56.10	\$68.24*
Intel Core i5-3230M @ 2.60GHz	3943	1116	17.39	\$226.77*
Intel Core i5-3317U @ 1.70GHz	3091	1342	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4132	1075	55.06	\$75.05*
Intel Core i5-3330 @ 3.00GHz	5951	758	29.76	\$200.00*
Intel Core i5-3330S @ 2.70GHz	5678	789	59.78	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	776	NA	NA
Intel Core i5-3337U @ 1.80GHz	3229	1294	14.35	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1658	NA	NA
Intel Core i5-3340 @ 3.10GHz	6098	745	20.81	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4249	1053	53.15	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	770	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6152	736	41.02	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4438	1014	47.83	\$92.81
Intel Core i5-3380M @ 2.90GHz	4442	1013	NA	NA

Intel Core i5-3360M @ 2.80GHz	4438	1014	47.83	\$92.81
Intel Core i5-3380M @ 2.90GHz	4442	1013	NA	NA
Intel Core i5-3427U @ 1.80GHz	3545	1204	8.44	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3625	1186	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1397	NA	NA
Intel Core i5-3450 @ 3.10GHz	6537	701	29.80	\$219.33
Intel Core i5-3450S @ 2.80GHz	6229	726	42.96	\$145.01
Intel Core i5-3470 @ 3.20GHz	6722	682	93.33	\$72.03
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3470S @ 2.90GHz	6386	714	81.89	\$77.99
Intel Core i5-3470T @ 2.90GHz	4487	1004	14.52	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6617	694	46.12	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6967	655	69.68	\$99.99*
Intel Core i5-3550S @ 3.00GHz	6910	662	20.95	\$329.95*
Intel Core i5-3570 @ 3.40GHz	7139	639	89.26	\$79.99
Intel Core i5-3570K @ 3.40GHz	7186	636	22.12	\$324.88
Intel Core i5-3570S @ 3.10GHz	6751	678	23.69	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5914	761	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3898	1123	NA	NA
Intel Core i5-4200H @ 2.80GHz	4456	1008	NA	NA
Intel Core i5-4200M @ 2.50GHz	4035	1090	49.75	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3280	1278	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1578	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2262	1636	NA	NA
Intel Core i5-4210H @ 2.90GHz	4535	995	NA	NA
Intel Core i5-4210M @ 2.60GHz	4206	1062	13.57	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3401	1243	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2375	1591	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1615	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1409	NA	NA
Intel Core i5-4250U @ 1.30GHz	3376	1253	9.41	\$359.00*
Intel Core i5-4258U @ 2.40GHz	4090	1082	NA	NA
Intel Core i5-4260U @ 1.40GHz	3571	1200	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	1027	NA	NA
Intel Core i5-4288U @ 2.60GHz	4309	1043	NA	NA
Intel Core i5-4300M @ 2.60GHz	4442	1012	NA	NA
Intel Core i5-4300U @ 1.90GHz	3741	1161	NA	NA

Intel Core i5-4300M @ 2.60GHz	4442	1012	NA	NA
Intel Core i5-4300U @ 1.90GHz	3741	1161	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2505	1544	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1381	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	1059	NA	NA
Intel Core i5-4310M @ 2.70GHz	4654	965	NA	NA
Intel Core i5-4310U @ 2.00GHz	3782	1147	NA	NA
Intel Core i5-4330M @ 2.80GHz	4551	989	16.55	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4861	930	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1189	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	991	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1113	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1443	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6339	718	39.62	\$159.99
Intel Core i5-4430S @ 2.70GHz	5948	759	37.18	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6516	702	13.11	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6255	723	13.51	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6722	683	29.61	\$227.00
Intel Core i5-4460S @ 2.90GHz	6430	709	9.74	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4971	906	NA	NA
Intel Core i5-4570 @ 3.20GHz	7153	638	62.21	\$114.99
Intel Core i5-4570R @ 2.70GHz	6761	675	NA	NA
Intel Core i5-4570S @ 2.90GHz	6829	668	32.53	\$209.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4570T @ 2.90GHz	4816	937	22.94	\$209.95
Intel Core i5-4570TE @ 2.70GHz	3827	1138	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7338	621	61.16	\$119.99
Intel Core i5-4590S @ 3.00GHz	7069	645	58.92	\$119.99
Intel Core i5-4590T @ 2.00GHz	5624	794	26.79	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7471	608	32.20	\$232.00*
Intel Core i5-4670K @ 3.40GHz	7635	596	24.63	\$309.99
Intel Core i5-4670K CPT @ 3.40GHz	7411	615	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	614	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7407	616	34.78	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6155	735	23.76	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7691	588	30.04	\$256.00
Intel Core i5-4690K @ 3.50GHz	7798	574	46.14	\$169.00

CPU Model	PassMark	Geometric Mean	Geometric Mean (Normalized)	Price
Intel Core i5-4690K @ 3.50GHz	7798	574	46.14	\$169.00
Intel Core i5-4690S @ 3.20GHz	7401	617	20.60	\$359.21*
Intel Core i5-4690T @ 2.50GHz	6547	699	NA	NA
Intel Core i5-5200U @ 2.20GHz	3495	1222	NA	NA
Intel Core i5-5250U @ 1.60GHz	3588	1196	8.12	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4409	1020	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	958	NA	NA
Intel Core i5-5300U @ 2.30GHz	3835	1135	8.11	\$473.02
Intel Core i5-5350U @ 1.80GHz	3520	1216	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	606	NA	NA
Intel Core i5-5675C @ 3.10GHz	8135	536	26.25	\$309.95*
Intel Core i5-5675R @ 3.10GHz	7991	553	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4154	1071	NA	NA
Intel Core i5-6200U @ 2.30GHz	4008	1095	NA	NA
Intel Core i5-6260U @ 1.80GHz	4360	1030	8.40	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4888	922	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	951	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6092	747	NA	NA
Intel Core i5-6300U @ 2.40GHz	4365	1028	NA	NA
Intel Core i5-6360U @ 2.00GHz	4686	960	NA	NA
Intel Core i5-6400 @ 2.70GHz	6755	677	29.52	\$228.83*
Intel Core i5-6400T @ 2.20GHz	5612	799	21.59	\$259.95*
Intel Core i5-6402P @ 2.80GHz	7102	641	37.38	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6223	727	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6819	669	NA	NA
Intel Core i5-6500 @ 3.20GHz	7245	629	45.03	\$160.89
Intel Core i5-6500T @ 2.50GHz	6294	721	43.41	\$144.99*
Intel Core i5-6500TE @ 2.30GHz	6580	697	31.34	\$209.99
Intel Core i5-6600 @ 3.30GHz	7771	579	29.65	\$262.13*
Intel Core i5-6600K @ 3.50GHz	8058	542	30.63	\$263.11*
Intel Core i5-6600T @ 2.70GHz	7271	626	24.24	\$299.95*
Intel Core i5-7200U @ 2.50GHz	4566	986	NA	NA
Intel Core i5-7260U @ 2.20GHz	5637	793	9.80	\$574.98
Intel Core i5-7267U @ 3.10GHz	4999	900	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	792	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6719	684	NA	NA
Intel Core i5-7300U @ 2.60GHz	5162	869	11.19	\$461.45

Intel Core i5-7300HQ @ 2.50GHz	6719	684	NA	NA
Intel Core i5-7300U @ 2.60GHz	5162	869	11.19	\$461.45
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7360U @ 2.30GHz	5855	767	NA	NA
Intel Core i5-7400 @ 3.00GHz	7236	631	34.82	\$207.81
Intel Core i5-7400T @ 2.40GHz	6336	719	10.53	\$601.75*
Intel Core i5-7440HQ @ 2.80GHz	7641	594	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	5901	764	23.60	\$250.00*
Intel Core i5-7500 @ 3.40GHz	7937	561	37.98	\$209.00
Intel Core i5-7500T @ 2.70GHz	6954	658	24.84	\$279.95*
Intel Core i5-7600 @ 3.50GHz	8642	493	34.99	\$247.00
Intel Core i5-7600K @ 3.80GHz	9051	452	37.25	\$242.99
Intel Core i5-7600T @ 2.80GHz	7974	558	31.02	\$257.10
Intel Core i5-7640X @ 4.00GHz	9472	403	53.37	\$177.48
Intel Core i5-8200Y @ 1.30GHz	4339	1034	14.91	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4227	1056	NA	NA
Intel Core i5-8250U @ 1.60GHz	7656	593	NA	NA
Intel Core i5-8259U @ 2.30GHz	10993	286	14.42	\$762.44
Intel Core i5-8265U @ 1.60GHz	7987	555	26.89	\$297.00*
Intel Core i5-8265UC @ 1.60GHz	7780	577	NA	NA
Intel Core i5-8279U @ 2.40GHz	10623	312	33.20	\$320.00*
Intel Core i5-8300H @ 2.30GHz	9471	404	37.89	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8947	467	NA	NA
Intel Core i5-8350U @ 1.70GHz	8150	534	27.44	\$297.00*
Intel Core i5-8365U @ 1.60GHz	8429	513	28.38	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11578	268	54.64	\$211.91
Intel Core i5-8400H @ 2.50GHz	10431	323	41.73	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9503	400	45.47	\$209.00
Intel Core i5-8500 @ 3.00GHz	11823	261	56.57	\$209.00
Intel Core i5-8500B @ 3.00GHz	12756	234	66.44	\$192.00*
Intel Core i5-8500T @ 2.10GHz	9999	354	42.67	\$234.36*
Intel Core i5-8600 @ 3.10GHz	12471	241	44.99	\$277.21*
Intel Core i5-8600K @ 3.60GHz	12678	238	44.00	\$288.18
Intel Core i5-8600T @ 2.30GHz	10981	288	29.92	\$366.99*
Intel Core i5-9300H @ 2.40GHz	9691	387	38.77	\$250.00*
Intel Core i5-9400 @ 2.90GHz	11703	265	65.02	\$179.99
Intel Core i5-9400F @ 2.90GHz	12100	257	78.07	\$154.99

Intel Core i5-9400F @ 2.90GHz	12100	257	78.07	\$154.99
Intel Core i5-9400H @ 2.50GHz	10740	303	42.96	\$250.00*
Intel Core i5-9400T @ 1.80GHz	10606	314	NA	NA
Intel Core i5-9500 @ 3.00GHz	12109	256	59.07	\$204.99
Intel Core i5-9500F @ 3.00GHz	13067	226	64.69	\$202.00*
Intel Core i5-9500T @ 2.20GHz	10652	311	55.48	\$192.00*
Intel Core i5-9600 @ 3.10GHz	13498	213	60.26	\$224.00*
Intel Core i5-9600K @ 3.70GHz	13487	215	56.20	\$239.99
Intel Core i5-9600KF @ 3.70GHz	13488	214	52.90	\$254.99
Intel Core i5-10210U @ 1.60GHz	9127	438	30.73	\$297.00*
Intel Core i5-24050S @ 2.50GHz	4928	913	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3738	1162	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1757	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1527	NA	NA
Intel Core i7-620LM @ 2.00GHz	1954	1764	NA	NA
Intel Core i7-620M @ 2.67GHz	2719	1469	24.72	\$110.01*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-620UM @ 1.07GHz	1323	2081	NA	NA
Intel Core i7-640LM @ 2.13GHz	2245	1645	NA	NA
Intel Core i7-640M @ 2.80GHz	2827	1433	14.14	\$199.95*
Intel Core i7-640UM @ 1.20GHz	1638	1932	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1867	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1884	NA	NA
Intel Core i7-720QM @ 1.60GHz	3008	1367	27.37	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3191	1307	19.95	\$159.95*
Intel Core i7-820QM @ 1.73GHz	3219	1298	13.42	\$239.95*
Intel Core i7-840QM @ 1.87GHz	3411	1241	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	5026	894	17.34	\$289.95*
Intel Core i7-860S @ 2.53GHz	4919	916	24.60	\$199.99*
Intel Core i7-870 @ 2.93GHz	5341	841	56.02	\$95.35
Intel Core i7-870S @ 2.67GHz	4849	933	NA	NA
Intel Core i7-875K @ 2.93GHz	5421	824	15.63	\$346.78*
Intel Core i7-880 @ 3.07GHz	5505	814	9.44	\$583.00*
Intel Core i7-920 @ 2.67GHz	4914	917	119.88	\$41.00
Intel Core i7-920XM @ 2.00GHz	3724	1165	9.31	\$399.95*
Intel Core i7-930 @ 2.80GHz	5133	872	46.67	\$109.99
Intel Core i7-940 @ 2.93GHz	5332	843	51.28	\$103.99

Intel Core i7-930 @ 2.80GHz	5133	872	46.67	\$109.99
Intel Core i7-940 @ 2.93GHz	5332	843	51.28	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3967	1105	NA	NA
Intel Core i7-950 @ 3.07GHz	5541	810	135.18	\$40.99
Intel Core i7-960 @ 3.20GHz	5798	773	20.71	\$280.00
Intel Core i7-965 @ 3.20GHz	5850	769	41.79	\$139.99*
Intel Core i7-970 @ 3.20GHz	8360	518	16.72	\$499.95*
Intel Core i7-975 @ 3.33GHz	6118	741	15.15	\$403.90
Intel Core i7-980 @ 3.33GHz	8601	499	43.01	\$199.98*
Intel Core i7-980X @ 3.33GHz	8750	485	9.62	\$909.99*
Intel Core i7-985 @ 3.47GHz	6641	691	NA	NA
Intel Core i7-990X @ 3.47GHz	9059	450	25.89	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	376	NA	NA
Intel Core i7-1065G7 @ 1.30GHz	10834	300	NA	NA
Intel Core i7-2600 @ 3.40GHz	8186	531	68.23	\$119.99
Intel Core i7-2600K @ 3.40GHz	8438	511	56.94	\$148.20
Intel Core i7-2600S @ 2.80GHz	7091	643	23.78	\$298.26*
Intel Core i7-2610UE @ 1.50GHz	2481	1555	NA	NA
Intel Core i7-2617M @ 1.50GHz	2813	1439	NA	NA
Intel Core i7-2620M @ 2.70GHz	3840	1132	22.62	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5520	813	24.01	\$229.95*
Intel Core i7-2630UM @ 1.60GHz	2584	1510	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5468	820	NA	NA
Intel Core i7-2637M @ 1.70GHz	2900	1412	NA	NA
Intel Core i7-2640M @ 2.80GHz	3923	1120	32.71	\$119.95*
Intel Core i7-2655LE @ 2.20GHz	3229	1293	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5878	766	42.47	\$138.40*
Intel Core i7-2675QM @ 2.20GHz	5537	811	NA	NA
Intel Core i7-2677M @ 1.80GHz	2830	1431	NA	NA
Intel Core i7-2700K @ 3.50GHz	8694	489	29.28	\$296.90
Intel Core i7-2710QE @ 2.10GHz	5768	781	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2715QE @ 2.10GHz	5365	838	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6099	744	32.11	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6560	698	31.25	\$209.95*
Intel Core i7-2820QM @ 2.30GHz	6646	690	34.80	\$191.02*
Intel Core i7-2840QM @ 2.40GHz	6766	674	NA	NA

Intel Core i7-2820QM @ 2.30GHz	6646	690	34.80	\$191.02*
Intel Core i7-2840QM @ 2.40GHz	6766	674	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6955	656	12.86	\$541.00*
Intel Core i7-2920XM @ 2.50GHz	6998	650	15.89	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7224	633	17.62	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3545	1205	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3150	1326	NA	NA
Intel Core i7-3520M @ 2.90GHz	4547	992	34.45	\$132.02
Intel Core i7-3537U @ 2.00GHz	3809	1143	NA	NA
Intel Core i7-3540M @ 3.00GHz	4664	963	10.85	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1106	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	700	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7457	610	18.64	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	685	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6815	670	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	609	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7387	619	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7581	599	31.72	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6930	661	30.14	\$229.95
Intel Core i7-3635QM @ 2.40GHz	6666	688	NA	NA
Intel Core i7-3667U @ 2.00GHz	3978	1102	NA	NA
Intel Core i7-3687U @ 2.10GHz	4137	1074	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1297	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8122	538	22.38	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	8311	522	34.64	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9279	425	74.81	\$124.04
Intel Core i7-3770K @ 3.50GHz	9516	399	37.05	\$256.86
Intel Core i7-3770S @ 3.10GHz	8901	472	23.55	\$378.00
Intel Core i7-3770T @ 2.50GHz	8204	529	24.86	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8990	457	22.48	\$399.99*
Intel Core i7-3820QM @ 2.70GHz	8403	514	29.49	\$285.00*
Intel Core i7-3840QM @ 2.80GHz	8762	484	30.22	\$289.95*
Intel Core i7-3920XM @ 2.90GHz	8979	461	8.19	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11978	260	52.08	\$229.99
Intel Core i7-3940XM @ 3.00GHz	9160	434	17.00	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12579	240	13.82	\$909.99
Intel Core i7-3970X @ 3.50GHz	12696	237	24.90	\$509.94*
Intel Core i7-4500U @ 1.80GHz	3787	1145	NA	NA

Intel Core i7-3970X @ 3.50GHz	12696	237	24.90	\$509.94*
Intel Core i7-4500U @ 1.80GHz	3787	1145	NA	NA
Intel Core i7-4510U @ 2.00GHz	3915	1122	NA	NA
Intel Core i7-4550U @ 1.50GHz	3676	1178	NA	NA
Intel Core i7-4558U @ 2.80GHz	4401	1021	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	1036	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	945	NA	NA
Intel Core i7-4600M @ 2.90GHz	4901	919	NA	NA
Intel Core i7-4600U @ 2.10GHz	4104	1081	NA	NA
Intel Core i7-4610M @ 3.00GHz	4906	918	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4610Y @ 1.70GHz	3746	1160	NA	NA
Intel Core i7-4650U @ 1.70GHz	3951	1111	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7203	634	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7733	583	20.19	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7689	589	40.68	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7429	613	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7129	640	21.15	\$337.04*
Intel Core i7-4710HQ @ 2.50GHz	7723	586	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7985	556	29.40	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7533	603	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7203	635	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7989	554	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8093	540	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8202	530	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8793	478	NA	NA
Intel Core i7-4765T @ 2.00GHz	7305	624	18.26	\$399.99*
Intel Core i7-4770 @ 3.40GHz	9783	378	57.55	\$169.99
Intel Core i7-4770HQ @ 2.20GHz	8961	462	NA	NA
Intel Core i7-4770K @ 3.50GHz	10078	348	24.58	\$409.99
Intel Core i7-4770R @ 3.20GHz	9830	372	NA	NA
Intel Core i7-4770S @ 3.10GHz	9348	414	15.33	\$610.00
Intel Core i7-4770T @ 2.50GHz	8604	496	21.51	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	680	NA	NA
Intel Core i7-4771 @ 3.50GHz	9865	370	16.17	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7637	595	NA	NA
Intel Core i7-4790 @ 3.60GHz	9990	358	56.13	\$178.00

Intel Core i7-4785T @ 2.20GHz	7637	595	NA	NA
Intel Core i7-4790 @ 3.60GHz	9990	358	56.13	\$178.00
Intel Core i7-4790K @ 4.00GHz	11168	278	37.11	\$300.99
Intel Core i7-4790S @ 3.20GHz	9560	397	35.54	\$269.00
Intel Core i7-4790T @ 2.70GHz	9068	447	25.26	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8443	509	41.39	\$204.00*
Intel Core i7-4810MQ @ 2.80GHz	8652	492	45.55	\$189.95*
Intel Core i7-4820K @ 3.70GHz	9721	384	44.19	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9056	451	20.87	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7899	563	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9282	424	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9345	416	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8982	459	15.31	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9339	417	20.31	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13023	227	27.38	\$475.58*
Intel Core i7-4930MX @ 3.00GHz	9444	411	8.62	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9807	375	13.81	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9856	371	15.82	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13815	200	17.94	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10295	330	NA	NA
Intel Core i7-5500U @ 2.40GHz	3981	1101	NA	NA
Intel Core i7-5550U @ 2.00GHz	3851	1131	NA	NA
Intel Core i7-5557U @ 3.10GHz	4953	910	7.03	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4327	1037	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	1057	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5675C @ 3.10GHz	8164	532	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	526	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8355	520	NA	NA
Intel Core i7-5775C @ 3.30GHz	10869	297	15.84	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10879	296	NA	NA
Intel Core i7-5820K @ 3.30GHz	13014	228	45.03	\$289.00*
Intel Core i7-5850EQ @ 2.70GHz	9817	374	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	409	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13663	203	41.53	\$329.00*
Intel Core i7-5950HQ @ 2.90GHz	10850	298	NA	NA
Intel Core i7-5960X @ 3.00GHz	15994	142	15.34	\$1,042.93

Intel Core i7-5960X @ 3.00GHz	15994	142	15.34	\$1,042.93
Intel Core i7-6498DU @ 2.50GHz	4437	1015	NA	NA
Intel Core i7-6500U @ 2.50GHz	4424	1016	11.26	\$393.00*
Intel Core i7-6560U @ 2.20GHz	4812	939	NA	NA
Intel Core i7-6567U @ 3.30GHz	5574	804	NA	NA
Intel Core i7-6600U @ 2.60GHz	4804	940	NA	NA
Intel Core i7-6650U @ 2.20GHz	4974	904	NA	NA
Intel Core i7-6700 @ 3.40GHz	10003	353	29.86	\$334.99
Intel Core i7-6700HQ @ 2.60GHz	8129	537	21.51	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11110	280	35.54	\$312.61*
Intel Core i7-6700T @ 2.80GHz	8999	456	23.93	\$375.99*
Intel Core i7-6700TE @ 2.40GHz	8674	491	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9719	385	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13565	209	40.30	\$336.66
Intel Core i7-6820EQ @ 2.80GHz	8630	494	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9120	439	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8773	481	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6501	703	NA	NA
Intel Core i7-6850K @ 3.60GHz	14375	183	28.59	\$502.75
Intel Core i7-6900K @ 3.20GHz	17605	106	22.15	\$794.99
Intel Core i7-6920HQ @ 2.90GHz	9560	396	16.83	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19925	71	12.66	\$1,574.29
Intel Core i7-7500U @ 2.70GHz	5123	873	NA	NA
Intel Core i7-7560U @ 2.40GHz	5789	775	NA	NA
Intel Core i7-7567U @ 3.50GHz	6464	705	7.26	\$889.98
Intel Core i7-7600U @ 2.80GHz	5109	876	NA	NA
Intel Core i7-7660U @ 2.50GHz	5993	754	NA	NA
Intel Core i7-7700 @ 3.60GHz	10685	306	33.56	\$318.40
Intel Core i7-7700HQ @ 2.80GHz	8768	483	NA	NA
Intel Core i7-7700K @ 4.20GHz	11997	258	34.59	\$346.83
Intel Core i7-7700T @ 2.90GHz	9290	423	30.07	\$309.00*
Intel Core i7-7740X @ 4.30GHz	12225	252	37.85	\$323.01
Intel Core i7-7800X @ 3.50GHz	14634	176	28.75	\$509.00
Intel Core i7-7820EQ @ 3.00GHz	9144	435	24.19	\$378.00*
Intel Core i7-7820HK @ 2.90GHz	9974	361	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9246	426	24.46	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18524	91	30.87	\$599.99

Intel Core i7-7820HQ @ 2.90GHz	9246	426	24.46	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18524	91	30.87	\$599.99
Intel Core i7-7900X @ 3.30GHz	20474	65	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9991	356	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8086K @ 4.00GHz	16688	120	30.18	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3971	1103	10.11	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8248	524	NA	NA
Intel Core i7-8559U @ 2.70GHz	12255	250	21.42	\$572.03
Intel Core i7-8565U @ 1.80GHz	8915	469	NA	NA
Intel Core i7-8650U @ 1.90GHz	8704	487	NA	NA
Intel Core i7-8665U @ 1.90GHz	9072	445	22.18	\$409.00*
Intel Core i7-8700 @ 3.20GHz	15142	162	41.04	\$369.00
Intel Core i7-8700B @ 3.20GHz	14802	173	48.85	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15928	145	44.87	\$354.99
Intel Core i7-8700T @ 2.40GHz	12654	239	27.57	\$459.00
Intel Core i7-8705G @ 3.10GHz	9928	364	7.05	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10539	317	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	379	NA	NA
Intel Core i7-8750H @ 2.20GHz	12405	242	31.41	\$395.00*
Intel Core i7-8809G @ 3.10GHz	10984	287	NA	NA
Intel Core i7-8850H @ 2.60GHz	12992	229	32.89	\$395.00*
Intel Core i7-9700 @ 3.00GHz	15582	153	44.52	\$349.99
Intel Core i7-9700F @ 3.00GHz	16473	125	45.89	\$358.99
Intel Core i7-9700K @ 3.60GHz	17189	112	47.10	\$364.99
Intel Core i7-9700KF @ 3.60GHz	17299	109	49.43	\$349.99
Intel Core i7-9700T @ 2.00GHz	13379	219	41.42	\$323.00*
Intel Core i7-9750H @ 2.60GHz	13591	207	NA	NA
Intel Core i7-9800X @ 3.80GHz	19695	81	32.83	\$599.99
Intel Core i7-9850H @ 2.60GHz	14423	181	36.52	\$395.00*
Intel Core i7-10510U @ 1.80GHz	9325	418	22.80	\$409.00*
Intel Core i9-7900X @ 3.30GHz	21882	48	21.88	\$999.99
Intel Core i9-7920X @ 2.90GHz	23298	38	17.31	\$1,346.25
Intel Core i9-7940X @ 3.10GHz	25383	21	19.53	\$1,299.99*
Intel Core i9-7960X @ 2.80GHz	26096	17	19.33	\$1,349.99*
Intel Core i9-7980XE @ 2.60GHz	27640	14	12.29	\$2,248.75
Intel Core i9-8950HK @ 2.90GHz	14230	188	24.41	\$583.00*

Intel Core i9-8950HK @ 2.90GHz	14230	188	24.41	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21640	51	26.72	\$809.99
Intel Core i9-9880H @ 2.30GHz	16743	118	30.11	\$556.00*
Intel Core i9-9900 @ 3.10GHz	18130	99	41.21	\$439.99
Intel Core i9-9900K @ 3.60GHz	20200	69	42.53	\$474.99
Intel Core i9-9900KF @ 3.60GHz	20635	63	42.99	\$479.99
Intel Core i9-9900X @ 3.50GHz	23011	40	22.65	\$1,016.13
Intel Core i9-9920X @ 3.50GHz	25257	24	21.05	\$1,199.99
Intel Core i9-9940X @ 3.30GHz	27142	15	23.97	\$1,132.49
Intel Core i9-9960X @ 3.10GHz	27930	12	17.25	\$1,618.78
Intel Core i9-9980HK @ 2.40GHz	17704	104	30.37	\$583.00*
Intel Core i9-9980XE @ 3.00GHz	29572	7	14.86	\$1,989.99
Intel Core m3-6Y30 @ 0.90GHz	3025	1362	10.77	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3528	1213	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1268	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3562	1201	12.68	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3348	1258	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3225	1296	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core m7-6Y75 @ 1.20GHz	3459	1230	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2653	1487	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1588	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2817	1437	10.03	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1430	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2508	1541	NA	NA
Intel Core M-5Y70 @ 1.10GHz	2912	1403	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2991	1373	10.65	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2659	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2652	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2569	NA	NA
Intel Core Solo U1300 @ 1.06GHz	273	2812	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2806	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2727	NA	NA
Intel E3000 @ 3.40GHz	2767	1452	NA	NA
Intel Pentium 4 1.40GHz	164	2913	NA	NA
Intel Pentium 4 1.50GHz	131	2930	NA	NA
Intel Pentium 4 1.60GHz	129	2932	NA	NA

Intel Pentium 4 1.50GHz	131	2930	NA	NA
Intel Pentium 4 1.60GHz	129	2932	NA	NA
Intel Pentium 4 1.70GHz	132	2929	NA	NA
Intel Pentium 4 1.80GHz	161	2916	NA	NA
Intel Pentium 4 1.90GHz	159	2917	NA	NA
Intel Pentium 4 2.00GHz	189	2895	NA	NA
Intel Pentium 4 2.20GHz	209	2877	NA	NA
Intel Pentium 4 2.26GHz	221	2865	NA	NA
Intel Pentium 4 2.40GHz	228	2859	NA	NA
Intel Pentium 4 2.50GHz	245	2843	NA	NA
Intel Pentium 4 2.53GHz	248	2839	NA	NA
Intel Pentium 4 2.60GHz	288	2785	NA	NA
Intel Pentium 4 2.66GHz	254	2831	NA	NA
Intel Pentium 4 2.80GHz	322	2733	NA	NA
Intel Pentium 4 2.93GHz	293	2776	NA	NA
Intel Pentium 4 3.00GHz	353	2705	NA	NA
Intel Pentium 4 3.06GHz	347	2708	NA	NA
Intel Pentium 4 3.20GHz	373	2679	NA	NA
Intel Pentium 4 3.40GHz	395	2655	NA	NA
Intel Pentium 4 3.46GHz	454	2587	NA	NA
Intel Pentium 4 3.60GHz	487	2548	NA	NA
Intel Pentium 4 3.73GHz	486	2551	NA	NA
Intel Pentium 4 3.80GHz	485	2553	NA	NA
Intel Pentium 4 3.83GHz	195	2890	NA	NA
Intel Pentium 4 4.00GHz	184	2900	NA	NA
Intel Pentium 4 1300MHz	119	2936	NA	NA
Intel Pentium 4 1400MHz	127	2933	NA	NA
Intel Pentium 4 1500MHz	125	2934	NA	NA
Intel Pentium 4 1600MHz	193	2894	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2920	NA	NA
Intel Pentium 4 1800MHz	162	2915	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2923	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2889	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 Mobile 1.60GHz	178	2906	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2878	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2909	NA	NA

Intel Pentium 4 Mobile 1.70GHz	208	2878	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2909	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2876	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2885	NA	NA
Intel Pentium 5 2.66GHz	705	2428	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2214	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1139	2194	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2188	NA	NA
Intel Pentium 987 @ 1.50GHz	1228	2140	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	2040	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1463	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1363	NA	NA
Intel Pentium 2020M @ 2.40GHz	2275	1627	16.98	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2398	1582	17.90	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1654	1926	12.35	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1821	1837	13.59	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1062	2233	7.93	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2268	1635	NA	NA
Intel Pentium 3556U @ 1.70GHz	1691	1901	NA	NA
Intel Pentium 3558U @ 1.70GHz	1679	1907	NA	NA
Intel Pentium 3560M @ 2.40GHz	2269	1634	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2120	NA	NA
Intel Pentium 3805U @ 1.90GHz	1970	1756	NA	NA
Intel Pentium 3825U @ 1.90GHz	2519	1536	NA	NA
Intel Pentium 4405U @ 2.10GHz	2931	1395	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1721	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2050	1725	12.73	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3151	1324	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2220	1657	13.79	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3240	1290	20.13	\$161.00*
Intel Pentium 5405U @ 2.30GHz	3171	1311	19.70	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	1949	NA	NA
Intel Pentium B940 @ 2.00GHz	1726	1873	57.67	\$29.94*
Intel Pentium B950 @ 2.10GHz	1716	1880	NA	NA
Intel Pentium B960 @ 2.20GHz	1853	1816	37.84	\$48.99*
Intel Pentium B970 @ 2.30GHz	1952	1767	38.28	\$50.99*
Intel Pentium B980 @ 2.40GHz	2026	1733	28.97	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1142	29.56	\$129.00*

Intel Pentium B980 @ 2.40GHz	2026	1733	28.97	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1142	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	529	2517	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2460	NA	NA
Intel Pentium D 915 @ 2.80GHz	582	2488	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2425	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2413	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2383	NA	NA
Intel Pentium E2140 @ 1.60GHz	870	2350	5.51	\$157.95*
Intel Pentium E2160 @ 1.80GHz	999	2271	64.44	\$15.51
Intel Pentium E2180 @ 2.00GHz	1087	2219	36.27	\$29.99
Intel Pentium E2200 @ 2.20GHz	1202	2155	16.04	\$75.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E2210 @ 2.20GHz	1174	2168	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	2078	15.48	\$85.99*
Intel Pentium E5200 @ 2.50GHz	1486	2004	41.37	\$35.94*
Intel Pentium E5300 @ 2.60GHz	1538	1978	59.22	\$25.98*
Intel Pentium E5400 @ 2.70GHz	1597	1956	121.76	\$13.12
Intel Pentium E5500 @ 2.80GHz	1635	1934	62.92	\$25.99
Intel Pentium E5700 @ 3.00GHz	1737	1871	115.92	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1889	1802	63.01	\$29.99*
Intel Pentium E6300 @ 2.80GHz	1705	1890	165.62	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1764	1854	11.17	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1860	1814	18.61	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1931	1777	135.08	\$14.30*
Intel Pentium E6800 @ 3.33GHz	1988	1747	22.34	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2336	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2298	NA	NA
Intel Pentium G620 @ 2.60GHz	2286	1622	91.52	\$24.99*
Intel Pentium G620T @ 2.20GHz	2033	1730	25.42	\$79.99*
Intel Pentium G630 @ 2.70GHz	2373	1593	23.73	\$100.00*
Intel Pentium G630T @ 2.30GHz	2089	1705	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2519	1535	16.80	\$150.00*
Intel Pentium G640T @ 2.40GHz	1979	1751	NA	NA
Intel Pentium G645 @ 2.90GHz	2585	1509	16.16	\$160.00*
Intel Pentium G645T @ 2.50GHz	2255	1640	NA	NA

Intel Pentium G645 @ 2.90GHz	2385	1509	16.16	\$160.00
Intel Pentium G645T @ 2.50GHz	2255	1640	NA	NA
Intel Pentium G840 @ 2.80GHz	2559	1521	73.14	\$34.99*
Intel Pentium G850 @ 2.90GHz	2663	1486	13.45	\$197.99
Intel Pentium G860 @ 3.00GHz	2735	1466	91.22	\$29.99*
Intel Pentium G870 @ 3.10GHz	2819	1436	29.07	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2597	1505	74.44	\$34.89*
Intel Pentium G2020 @ 2.90GHz	2753	1461	45.92	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2418	1573	50.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2868	1422	71.73	\$39.99*
Intel Pentium G2030T @ 2.60GHz	2487	1552	38.86	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1457	NA	NA
Intel Pentium G2120 @ 3.10GHz	3079	1348	19.30	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3199	1302	64.00	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3384	1252	41.28	\$82.00*
Intel Pentium G3220 @ 3.00GHz	3126	1331	28.03	\$111.53
Intel Pentium G3220T @ 2.60GHz	2557	1522	40.62	\$62.98
Intel Pentium G3240 @ 3.10GHz	3154	1323	33.62	\$93.85
Intel Pentium G3240T @ 2.70GHz	2840	1426	NA	NA
Intel Pentium G3250 @ 3.20GHz	3242	1289	29.48	\$109.99*
Intel Pentium G3250T @ 2.80GHz	2970	1383	33.01	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3865	1126	25.95	\$149.00
Intel Pentium G3260 @ 3.30GHz	3358	1256	23.99	\$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1396	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1585	NA	NA
Intel Pentium G3420 @ 3.20GHz	3397	1245	33.96	\$100.04
Intel Pentium G3420T @ 2.70GHz	3008	1368	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1247	37.74	\$89.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3440 @ 3.30GHz	3319	1267	20.75	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1339	NA	NA
Intel Pentium G3450 @ 3.40GHz	3695	1172	36.96	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1385	NA	NA
Intel Pentium G3460 @ 3.50GHz	3584	1197	12.44	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3714	1169	35.62	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3539	1208	50.56	\$70.00
Intel Pentium G4400T @ 2.90GHz	3163	1317	NA	NA
Intel Pentium G4400TE @ 3.40GHz	3225	1222	45.22	\$64.99*

Intel Pentium G4400T @ 2.90GHz	3163	1317	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1420	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3791	1144	38.30	\$98.99
Intel Pentium G4500T @ 3.00GHz	3471	1227	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1064	38.05	\$109.98
Intel Pentium G4560 @ 3.50GHz	4863	929	49.09	\$99.08
Intel Pentium G4560T @ 2.90GHz	3990	1099	36.28	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5075	881	21.15	\$239.95
Intel Pentium G4600T @ 3.00GHz	4266	1049	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5214	860	45.88	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1860	1815	46.52	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1686	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2059	1722	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5200	863	80.02	\$64.99
Intel Pentium Gold G5400T @ 3.10GHz	4884	923	76.31	\$64.00*
Intel Pentium Gold G5420 @ 3.80GHz	5407	828	61.52	\$87.91
Intel Pentium Gold G5500 @ 3.80GHz	5195	864	30.57	\$169.94*
Intel Pentium Gold G5500T @ 3.20GHz	4346	1031	57.95	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5570	806	62.89	\$88.57
Intel Pentium III 933S @ 933MHz	238	2851	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2790	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2805	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2750	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2769	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2766	NA	NA
Intel Pentium III Mobile 750MHz	103	2939	NA	NA
Intel Pentium III Mobile 800MHz	182	2903	NA	NA
Intel Pentium III Mobile 866MHz	152	2921	NA	NA
Intel Pentium III Mobile 933MHz	218	2867	7.55	\$28.99
Intel Pentium III Mobile 1000MHz	245	2842	NA	NA
Intel Pentium III Mobile 1066MHz	246	2841	NA	NA
Intel Pentium III Mobile 1133MHz	251	2835	NA	NA
Intel Pentium III Mobile 1200MHz	240	2849	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1826	NA	NA
Intel Pentium J2900 @ 2.41GHz	1973	1754	NA	NA
Intel Pentium J3710 @ 1.60GHz	1913	1786	NA	NA
Intel Pentium J4205 @ 1.50GHz	2270	1633	NA	NA

Intel Pentium J5710 @ 1.60GHz	1513	1700	NA	NA
Intel Pentium J4205 @ 1.50GHz	2270	1633	NA	NA
Intel Pentium M 1.10GHz	282	2796	NA	NA
Intel Pentium M 1.20GHz	298	2767	NA	NA
Intel Pentium M 1.30GHz	301	2760	NA	NA
Intel Pentium M 1.40GHz	345	2712	NA	NA
Intel Pentium M 1.50GHz	366	2689	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1.60GHz	364	2692	NA	NA
Intel Pentium M 1.70GHz	406	2637	NA	NA
Intel Pentium M 1.73GHz	413	2628	NA	NA
Intel Pentium M 1.80GHz	411	2630	NA	NA
Intel Pentium M 1.86GHz	439	2604	NA	NA
Intel Pentium M 2.00GHz	461	2579	NA	NA
Intel Pentium M 2.10GHz	448	2592	NA	NA
Intel Pentium M 2.13GHz	502	2539	NA	NA
Intel Pentium M 2.26GHz	509	2535	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2558	NA	NA
Intel Pentium M 900MHz	217	2871	NA	NA
Intel Pentium M 1000MHz	233	2855	NA	NA
Intel Pentium M 1100MHz	259	2827	NA	NA
Intel Pentium M 1200MHz	237	2852	NA	NA
Intel Pentium M 1300MHz	303	2754	NA	NA
Intel Pentium M 1400MHz	320	2735	NA	NA
Intel Pentium M 1500MHz	354	2702	NA	NA
Intel Pentium M 1600MHz	335	2722	NA	NA
Intel Pentium M 1700MHz	376	2674	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1985	NA	NA
Intel Pentium N3520 @ 2.16GHz	1807	1840	NA	NA
Intel Pentium N3530 @ 2.16GHz	1912	1788	NA	NA
Intel Pentium N3540 @ 2.16GHz	1933	1775	7.71	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1836	1827	4.13	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1865	1811	NA	NA
Intel Pentium N4200 @ 1.10GHz	2037	1728	8.71	\$233.98*
Intel Pentium P6000 @ 1.87GHz	1243	2135	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	2080	46.64	\$28.44*
Intel Pentium P6200 @ 2.13GHz	1350	2066	30.05	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1388	2046	NA	NA

Intel Pentium P6200 @ 2.13GHz	1350	2066	30.05	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1388	2046	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2901	1411	13.19	\$219.92*
Intel Pentium Silver N5000 @ 1.10GHz	2469	1557	15.34	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2638	NA	NA
Intel Pentium SU4100 @ 1.30GHz	853	2361	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2365	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2449	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2429	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	708	2426	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2415	NA	NA
Intel Pentium T2330 @ 1.60GHz	831	2371	NA	NA
Intel Pentium T2370 @ 1.73GHz	849	2363	24.26	\$35.00*
Intel Pentium T2390 @ 1.86GHz	948	2310	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2286	NA	NA
Intel Pentium T3200 @ 2.00GHz	1032	2247	86.01	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1114	2201	12.39	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1152	2185	96.00	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1231	2139	NA	NA
Intel Pentium T4400 @ 2.20GHz	1281	2109	NA	NA
Intel Pentium T4500 @ 2.30GHz	1333	2076	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium U5400 @ 1.20GHz	814	2378	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2307	NA	NA
Intel T1200 @ 1.50GHz	435	2610	NA	NA
Intel T1400 @ 1.73GHz	929	2322	NA	NA
Intel T1500 @ 1.86GHz	953	2305	NA	NA
Intel T2050 @ 2.00GHz	959	2302	NA	NA
Intel Xeon 2.00GHz	233	2854	NA	NA
Intel XEON 2.20GHz	252	2833	NA	NA
Intel Xeon 2.40GHz	276	2808	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2609	NA	NA
Intel Xeon 2.80GHz	400	2650	NA	NA
Intel Xeon 3.00GHz	391	2663	NA	NA
Intel Xeon 3.06GHz	491	2545	NA	NA
Intel Xeon 3.20GHz	461	2580	NA	NA
Intel Xeon 3.40GHz	478	2562	NA	NA

Intel Xeon 3.20GHz	461	2580	NA	NA
Intel Xeon 3.40GHz	478	2562	NA	NA
Intel Xeon 3.60GHz	509	2534	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2243	NA	NA
Intel Xeon 3.80GHz	604	2477	0.71	\$851.00*
Intel Xeon 1500MHz	193	2893	NA	NA
Intel Xeon 3040 @ 1.86GHz	1278	2113	51.05	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2092	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1986	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	1984	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1850	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1825	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1966	NA	NA
Intel Xeon 5110 @ 1.60GHz	1084	2223	30.99	\$35.00*
Intel Xeon 5120 @ 1.86GHz	1248	2134	0.77	\$1,619.99*
Intel Xeon 5130 @ 2.00GHz	1366	2056	43.44	\$31.46*
Intel Xeon 5133 @ 2.20GHz	1598	1954	NA	NA
Intel Xeon 5140 @ 2.33GHz	1635	1935	65.44	\$24.99*
Intel Xeon 5148 @ 2.33GHz	1590	1960	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1752	1864	12.53	\$139.95*
Intel Xeon 5160 @ 3.00GHz	1956	1761	52.18	\$37.49*
Intel Xeon @ 2.00GHz	11327	273	NA	NA
Intel Xeon @ 2.20GHz	1902	1792	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5582	802	23.27	\$239.87
Intel Xeon Bronze 3106 @ 1.70GHz	6890	664	19.78	\$348.33*
Intel Xeon D-1518 @ 2.20GHz	5322	847	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	784	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	652	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	528	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9643	390	27.71	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	584	13.54	\$571.00*
Intel Xeon D-1539 @ 1.60GHz	8443	508	17.37	\$486.00*
Intel Xeon D-1540 @ 2.00GHz	10740	302	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11064	282	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	307	19.24	\$555.00*
Intel Xeon D-1557 @ 1.50GHz	10950	291	15.78	\$694.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1559 @ 1.50GHz	8055	543	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	180	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	192	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8150	533	38.26	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	232	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	199	24.41	\$566.00*
Intel Xeon D-2146NT @ 2.30GHz	10968	289	17.11	\$641.00*
Intel Xeon D-2183IT @ 2.20GHz	19381	84	10.99	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6240	724	117.77	\$52.99
Intel Xeon E3-1220 V2 @ 3.10GHz	6729	681	103.54	\$64.99
Intel Xeon E3-1220 v3 @ 3.10GHz	7172	637	53.53	\$133.99
Intel Xeon E3-1220 v5 @ 3.00GHz	7772	578	29.17	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7769	580	35.24	\$220.48
Intel Xeon E3-1220L @ 2.20GHz	3606	1192	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	1017	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2070	1716	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	6088	748	95.15	\$63.99
Intel Xeon E3-1225 V2 @ 3.20GHz	6954	657	89.17	\$77.99
Intel Xeon E3-1225 v3 @ 3.20GHz	7242	630	53.26	\$135.99
Intel Xeon E3-1225 v5 @ 3.30GHz	7828	570	29.21	\$268.04
Intel Xeon E3-1225 v6 @ 3.30GHz	7958	560	33.18	\$239.87
Intel Xeon E3-1226 v3 @ 3.30GHz	7566	601	12.72	\$595.00*
Intel Xeon E3-1230 @ 3.20GHz	7863	566	81.92	\$95.99
Intel Xeon E3-1230 V2 @ 3.30GHz	8868	476	113.70	\$78.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9320	420	43.35	\$215.00
Intel Xeon E3-1230 v5 @ 3.40GHz	9739	382	22.56	\$431.65*
Intel Xeon E3-1230 v6 @ 3.50GHz	9742	381	34.92	\$279.00
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	632	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9627	393	18.88	\$509.95
Intel Xeon E3-1235 @ 3.20GHz	7757	582	31.79	\$244.00
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	706	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7975	557	77.44	\$102.99
Intel Xeon E3-1240 V2 @ 3.40GHz	9162	433	67.38	\$135.99
Intel Xeon E3-1240 v3 @ 3.40GHz	9671	388	25.16	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10359	326	30.32	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10495	321	36.43	\$288.10

Intel Xeon E3-1240 v5 @ 3.50GHz	10359	326	30.32	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10495	321	36.43	\$288.10
Intel Xeon E3-1240L v3 @ 2.00GHz	7486	605	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	575	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10011	351	27.06	\$369.99
Intel Xeon E3-1245 @ 3.30GHz	8039	546	75.85	\$105.99
Intel Xeon E3-1245 V2 @ 3.40GHz	9128	437	58.15	\$156.99
Intel Xeon E3-1245 v3 @ 3.40GHz	9585	395	37.59	\$255.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10160	340	29.42	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10533	318	33.73	\$312.26
Intel Xeon E3-1246 v3 @ 3.50GHz	9867	369	24.13	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6266	722	111.85	\$56.02
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	335	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	5961	757	6.49	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7455	611	24.44	\$305.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1265L v3 @ 2.50GHz	9188	432	12.94	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	449	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	568	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	488	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8246	525	26.18	\$315.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9466	406	49.83	\$189.99
Intel Xeon E3-1270 v3 @ 3.50GHz	9919	365	49.60	\$199.99
Intel Xeon E3-1270 v5 @ 3.60GHz	10297	328	27.14	\$379.41
Intel Xeon E3-1270 v6 @ 3.80GHz	11171	277	32.99	\$338.61
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	305	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10110	346	11.39	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8122	539	26.72	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9431	412	23.90	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	10048	349	25.06	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10367	324	24.97	\$415.13*
Intel Xeon E3-1275 v6 @ 3.80GHz	11028	284	29.86	\$369.28
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	471	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10209	336	9.51	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8448	507	25.43	\$332.20
Intel Xeon E3-1280 V2 @ 3.60GHz	9455	410	11.01	\$859.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9827	373	21.89	\$449.00*

Intel Xeon E3-1280 v2 @ 3.60GHz	9733	710	11.01	\$659.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9827	373	21.89	\$449.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	310	15.46	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11041	283	25.29	\$436.54
Intel Xeon E3-1281 v3 @ 3.70GHz	10276	331	11.71	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10458	322	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	320	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11992	259	26.65	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	359	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	290	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	366	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	402	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8768	482	9.91	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	386	10.97	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	716	NA	NA
Intel Xeon E3-1505L v6 @ 2.20GHz	7887	564	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8953	466	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9666	389	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	9952	362	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9345	415	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10558	316	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10300	327	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10616	313	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	301	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	342	22.78	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7265	628	148.31	\$48.99
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	612	NA	NA
Intel Xeon E5-1428L v2 @ 2.20GHz	8377	515	16.96	\$494.00*
Intel Xeon E5-1603 @ 2.80GHz	5571	805	278.73	\$19.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6204	730	62.05	\$99.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	708	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5893	765	210.87	\$27.95*
Intel Xeon E5-1607 v2 @ 3.00GHz	6217	728	177.91	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	7039	647	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7270	627	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9069	446	139.54	\$65.00*
Intel Xeon E5-1620 v2 @ 3.70GHz	9498	401	161.02	\$58.99

Intel Xeon E5-1620 @ 3.60GHz	9069	446	139.54	\$65.00*
Intel Xeon E5-1620 v2 @ 3.70GHz	9498	401	161.02	\$58.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9746	380	60.92	\$159.99
Intel Xeon E5-1620 v4 @ 3.50GHz	9935	363	29.84	\$332.94
Intel Xeon E5-1630 v3 @ 3.70GHz	10230	334	17.11	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10296	329	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11734	264	23.71	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12740	235	106.22	\$119.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13619	206	88.13	\$154.53
Intel Xeon E5-1650 v4 @ 3.60GHz	14230	187	28.01	\$508.00*
Intel Xeon E5-1660 @ 3.30GHz	12273	249	10.01	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13808	201	7.63	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14656	175	9.07	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16203	136	13.18	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16235	134	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16442	126	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17122	114	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	97	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1215	32.53	\$108.31
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1239	94.99	\$35.99*
Intel Xeon E5-2407 @ 2.20GHz	4188	1063	12.69	\$330.00
Intel Xeon E5-2407 v2 @ 2.40GHz	4648	966	40.23	\$115.56*
Intel Xeon E5-2418L @ 2.00GHz	5202	862	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7063	646	18.11	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8693	490	165.05	\$52.67
Intel Xeon E5-2430 @ 2.20GHz	7695	587	202.51	\$38.00*
Intel Xeon E5-2430 v2 @ 2.50GHz	9061	448	90.61	\$100.00
Intel Xeon E5-2430L @ 2.00GHz	7834	569	242.71	\$32.28*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	693	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9221	429	230.59	\$39.99
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	422	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	465	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10196	337	156.90	\$64.99*
Intel Xeon E5-2450L @ 1.80GHz	8261	523	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	11144	279	87.07	\$128.00
Intel Xeon E5-2470 v2 @ 2.40GHz	11268	275	50.76	\$222.00
Intel Xeon E5-2603 @ 1.80GHz	3582	1198	143.65	\$24.94*

Intel Xeon E5-2603 @ 1.80GHz	3582	1198	143.65	\$24.94*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1152	62.78	\$59.99*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	868	16.71	\$309.95
Intel Xeon E5-2603 v4 @ 1.70GHz	5431	823	20.89	\$260.00*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	567	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4604	979	158.85	\$28.99
Intel Xeon E5-2609 v2 @ 2.50GHz	5160	870	103.22	\$49.99
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	763	54.14	\$109.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2609 v4 @ 1.70GHz	6905	663	19.20	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	254	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	177	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7925	562	273.38	\$28.99
Intel Xeon E5-2620 v2 @ 2.10GHz	8604	497	215.16	\$39.99
Intel Xeon E5-2620 v3 @ 2.40GHz	9980	360	142.59	\$69.99
Intel Xeon E5-2620 v4 @ 2.10GHz	11337	272	31.06	\$364.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8988	458	13.85	\$649.00*
Intel Xeon E5-2623 v4 @ 2.60GHz	8506	504	15.50	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	413	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	246	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	225	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	285	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8923	468	105.29	\$84.75*
Intel Xeon E5-2630 v2 @ 2.60GHz	10365	325	235.89	\$43.94
Intel Xeon E5-2630 v3 @ 2.40GHz	12796	233	130.58	\$98.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13910	195	21.08	\$659.99
Intel Xeon E5-2630L @ 2.00GHz	8041	545	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	444	232.44	\$39.10*
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	383	28.62	\$339.95*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	231	NA	NA
Intel Xeon E5-2637 @ 3.00GHz	4508	999	5.09	\$885.00*
Intel Xeon E5-2637 v2 @ 3.50GHz	9200	431	108.25	\$84.99*
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	344	32.64	\$309.99*
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	319	9.82	\$1,069.95*
Intel Xeon E5-2640 @ 2.50GHz	9466	407	97.75	\$96.84
Intel Xeon E5-2640 v2 @ 2.00GHz	10189	339	51.47	\$197.98
Intel Xeon E5-2640 v3 @ 2.60GHz	13893	196	79.40	\$174.99

Intel Xeon E5-2640 v2 @ 2.00GHz	10189	339	51.47	\$197.98
Intel Xeon E5-2640 v3 @ 2.60GHz	13893	196	79.40	\$174.99*
Intel Xeon E5-2640 v4 @ 2.40GHz	15420	157	16.76	\$920.27*
Intel Xeon E5-2643 @ 3.30GHz	8456	506	141.05	\$59.95
Intel Xeon E5-2643 v2 @ 3.50GHz	13178	222	120.91	\$108.99
Intel Xeon E5-2643 v3 @ 3.40GHz	13887	197	55.55	\$250.00
Intel Xeon E5-2643 v4 @ 3.40GHz	13475	216	8.06	\$1,671.25*
Intel Xeon E5-2648L @ 1.80GHz	6698	686	NA	NA
Intel Xeon E5-2648L v2 @ 1.90GHz	11381	270	7.70	\$1,479.00*
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	269	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	204	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	174	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10259	332	227.99	\$45.00
Intel Xeon E5-2650 v2 @ 2.60GHz	13223	220	183.53	\$72.05
Intel Xeon E5-2650 v3 @ 2.30GHz	14875	170	93.56	\$158.99
Intel Xeon E5-2650 v4 @ 2.20GHz	15867	148	11.46	\$1,384.69
Intel Xeon E5-2650L @ 1.80GHz	8550	501	108.24	\$79.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	368	72.74	\$135.84*
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	212	51.98	\$259.99*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	191	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	274	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9632	392	6.59	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	198	77.09	\$179.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	132	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	17275	110	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11250	276	170.49	\$65.99*
Intel Xeon E5-2660 v2 @ 2.20GHz	13134	223	72.60	\$180.92
Intel Xeon E5-2660 v3 @ 2.60GHz	16213	135	31.85	\$509.00
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	117	11.25	\$1,499.99*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	193	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11736	263	104.31	\$112.52
Intel Xeon E5-2667 @ 2.90GHz	10671	309	164.79	\$64.76
Intel Xeon E5-2667 v2 @ 3.30GHz	16158	138	44.88	\$359.99
Intel Xeon E5-2667 v3 @ 3.20GHz	16176	137	40.63	\$398.14
Intel Xeon E5-2667 v4 @ 3.20GHz	16631	123	8.53	\$1,949.03*
Intel Xeon E5-2670 @ 2.60GHz	12370	243	176.72	\$70.00

Intel Xeon E5-2667 v4 @ 3.20GHz	16631	123	8.53	\$1,949.03*
Intel Xeon E5-2670 @ 2.60GHz	12370	243	176.72	\$70.00
Intel Xeon E5-2670 v2 @ 2.50GHz	15021	165	61.82	\$243.00
Intel Xeon E5-2670 v3 @ 2.30GHz	16647	122	79.28	\$209.99
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	131	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16401	129	23.43	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	55	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15137	163	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17670	105	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17078	115	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	23	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12902	230	173.61	\$74.32
Intel Xeon E5-2680 v2 @ 2.80GHz	15889	147	39.43	\$402.95
Intel Xeon E5-2680 v3 @ 2.50GHz	18465	93	61.76	\$299.00
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	73	13.18	\$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	66	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17374	108	34.07	\$509.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	88	8.62	\$2,208.93*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	166	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	85	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	75	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14348	185	66.74	\$214.99*
Intel Xeon E5-2687W v2 @ 3.40GHz	16426	127	45.64	\$359.90
Intel Xeon E5-2687W v3 @ 3.10GHz	17795	102	30.16	\$589.99
Intel Xeon E5-2687W v4 @ 3.00GHz	19855	74	9.13	\$2,174.99*
Intel Xeon E5-2689 @ 2.60GHz	13456	217	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	78	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13732	202	133.80	\$102.63
Intel Xeon E5-2690 v2 @ 3.00GHz	16406	128	60.19	\$272.58
Intel Xeon E5-2690 v3 @ 2.60GHz	19249	86	77.94	\$246.99
Intel Xeon E5-2690 v4 @ 2.60GHz	21167	59	9.75	\$2,169.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	140	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15993	143	61.75	\$258.99
Intel Xeon E5-2695 v3 @ 2.30GHz	19710	80	19.52	\$1,009.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	67	11.20	\$1,809.00*
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	124	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22480	42	9.00	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	58	7.05	\$3,009.95*

Intel Xeon E5-2696 v3 @ 2.30GHz	22480	42	9.00	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	58	7.05	\$3,009.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2697 v2 @ 2.70GHz	17202	111	45.32	\$379.62
Intel Xeon E5-2697 v3 @ 2.60GHz	21412	56	47.96	\$446.50
Intel Xeon E5-2697 v4 @ 2.30GHz	21506	54	7.04	\$3,054.99*
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	43	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	61	6.15	\$3,424.02*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	50	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	44	8.92	\$2,509.00*
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	37	3.94	\$5,954.79*
Intel Xeon E5-4603 @ 2.00GHz	5014	899	2.65	\$1,890.99*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	428	NA	NA
Intel Xeon E5-4610 @ 2.40GHz	9552	398	7.81	\$1,223.00*
Intel Xeon E5-4610 v3 @ 1.70GHz	8853	477	7.26	\$1,219.00*
Intel Xeon E5-4617 @ 2.90GHz	9313	421	103.59	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	9113	441	67.91	\$134.21*
Intel Xeon E5-4627 v2 @ 3.30GHz	12319	244	24.21	\$508.95*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	179	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	155	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10701	304	3.92	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	236	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	281	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11685	267	166.96	\$69.99*
Intel Xeon E5-4650L @ 2.60GHz	12145	255	101.22	\$119.99*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	247	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	146	11.36	\$1,399.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	149	3.30	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	205	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1335	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2157	1681	93.86	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1570	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1649	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	2038	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1571	27.31	\$88.78*
Intel Xeon E5310 @ 1.60GHz	2214	1659	45.19	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1621	59.05	\$38.75*

Intel Xeon E5310 @ 1.60GHz	2214	1659	45.19	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1621	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1540	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2886	1419	72.17	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2833	1429	70.92	\$39.95*
Intel Xeon E5410 @ 2.33GHz	3261	1282	15.61	\$208.95*
Intel Xeon E5420 @ 2.50GHz	3484	1224	55.35	\$62.95*
Intel Xeon E5430 @ 2.66GHz	3750	1158	33.79	\$110.99*
Intel Xeon E5440 @ 2.83GHz	3963	1108	40.04	\$99.00*
Intel Xeon E5450 @ 3.00GHz	4182	1065	77.45	\$54.00*
Intel Xeon E5462 @ 2.80GHz	3872	1124	141.84	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4084	1084	135.96	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	2052	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1381	2049	4.81	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2680	1480	38.32	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2974	1380	47.21	\$63.01*
Intel Xeon E5507 @ 2.27GHz	3125	1332	6.84	\$456.91*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5520 @ 2.27GHz	4379	1025	306.92	\$14.27*
Intel Xeon E5530 @ 2.40GHz	4494	1002	345.72	\$13.00
Intel Xeon E5540 @ 2.53GHz	4747	954	80.46	\$59.00*
Intel Xeon E5603 @ 1.60GHz	2366	1595	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1356	13.95	\$219.00*
Intel Xeon E5607 @ 2.27GHz	3371	1254	48.71	\$69.21*
Intel Xeon E5620 @ 2.40GHz	4777	946	33.22	\$143.81*
Intel Xeon E5630 @ 2.53GHz	5055	889	144.43	\$35.00*
Intel Xeon E5640 @ 2.67GHz	5250	854	187.60	\$27.99*
Intel Xeon E5645 @ 2.40GHz	6424	711	79.04	\$81.28
Intel Xeon E5649 @ 2.53GHz	6889	665	65.99	\$104.40
Intel Xeon E7320 @ 2.13GHz	2413	1575	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	571	40.54	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9467	405	43.04	\$219.99*
Intel Xeon E-2124G @ 3.40GHz	9891	367	40.56	\$243.89
Intel Xeon E-2126G @ 3.30GHz	13570	208	45.24	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10882	295	39.10	\$278.36
Intel Xeon E-2136 @ 3.30GHz	15773	150	48.61	\$324.46*
Intel Xeon E-2144G @ 3.60GHz	11381	271	32.34	\$351.90*

Intel Xeon E-2144G @ 3.60GHz	11381	271	32.34	\$351.90*
Intel Xeon E-2146G @ 3.50GHz	15620	151	44.00	\$354.99*
Intel Xeon E-2174G @ 3.80GHz	12250	251	33.07	\$370.43
Intel Xeon E-2176G @ 3.70GHz	15583	152	28.03	\$555.99*
Intel Xeon E-2176M @ 2.70GHz	13546	210	30.10	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	16017	141	30.51	\$524.99*
Intel Xeon E-2186M @ 2.90GHz	14554	178	23.36	\$623.00*
Intel Xeon E-2224 @ 3.40GHz	10241	333	51.72	\$198.00*
Intel Xeon E-2224G @ 3.50GHz	10008	352	45.91	\$218.00*
Intel Xeon E-2246G @ 3.60GHz	16714	119	53.74	\$311.00*
Intel Xeon E-2276M @ 2.80GHz	14824	171	32.94	\$450.00*
Intel Xeon E-2286M @ 2.40GHz	18446	94	29.61	\$623.00*
Intel Xeon E-2288G @ 3.70GHz	19761	77	NA	NA
Intel Xeon Gold 5117 @ 2.00GHz	16672	121	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16389	130	13.65	\$1,200.90*
Intel Xeon Gold 5120 @ 2.20GHz	18253	96	11.69	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	98	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10894	294	8.40	\$1,297.50*
Intel Xeon Gold 5218 @ 2.30GHz	22576	41	16.53	\$1,365.98
Intel Xeon Gold 6126 @ 2.60GHz	19711	79	10.43	\$1,890.00
Intel Xeon Gold 6128 @ 3.40GHz	14941	168	8.49	\$1,759.75*
Intel Xeon Gold 6130 @ 2.10GHz	19643	83	10.14	\$1,937.79
Intel Xeon Gold 6132 @ 2.60GHz	23907	33	9.53	\$2,508.95
Intel Xeon Gold 6134 @ 3.20GHz	18083	100	8.41	\$2,150.00
Intel Xeon Gold 6136 @ 3.00GHz	21061	60	8.06	\$2,613.59*
Intel Xeon Gold 6138 @ 2.00GHz	25774	19	9.80	\$2,628.95
Intel Xeon Gold 6140 @ 2.30GHz	23964	32	9.82	\$2,439.99*
Intel Xeon Gold 6144 @ 3.50GHz	19667	82	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	25	5.46	\$4,608.95*
Intel Xeon Gold 6148 @ 2.40GHz	25817	18	8.83	\$2,925.00*
Intel Xeon Gold 6152 @ 2.10GHz	23498	35	6.35	\$3,702.12*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 6154 @ 3.00GHz	27722	13	7.09	\$3,909.00*
Intel Xeon Gold 6210U @ 2.50GHz	28560	10	NA	NA
Intel Xeon Gold 6230 @ 2.10GHz	24600	26	12.21	\$2,013.99
Intel Xeon Gold 6242 @ 2.80GHz	25313	22	9.45	\$2,678.49
Intel Xeon L 3110 @ 3.00GHz	2273	1631	NA	NA

Intel Xeon Gold 6242 @ 2.80GHz	25313	22	9.45	\$2,678.49
Intel Xeon L3110 @ 3.00GHz	2273	1631	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1154	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2074	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3943	1115	8.82	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1836	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1632	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1628	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1684	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1459	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3014	1364	NA	NA
Intel Xeon L5410 @ 2.33GHz	3370	1255	33.67	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3501	1221	127.31	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3724	1164	23.58	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1168	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4324	1039	337.35	\$12.82*
Intel Xeon L5530 @ 2.40GHz	4389	1023	227.93	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4338	1035	206.69	\$20.99*
Intel Xeon L5638 @ 2.00GHz	5622	795	80.43	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6869	667	NA	NA
Intel Xeon L5640 @ 2.27GHz	6232	725	207.96	\$29.97*
Intel Xeon L7455 @ 2.13GHz	3836	1133	NA	NA
Intel Xeon MV 3.20GHz	683	2441	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26835	16	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	660	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	8	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	9	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	11	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	24434	30	2.80	\$8,725.00*
Intel Xeon Silver 4108 @ 1.80GHz	10838	299	21.25	\$509.95*
Intel Xeon Silver 4109T @ 2.00GHz	10946	292	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11686	266	29.36	\$398.00
Intel Xeon Silver 4112 @ 2.60GHz	8611	495	16.75	\$513.99*
Intel Xeon Silver 4114 @ 2.20GHz	14279	186	21.65	\$659.45
Intel Xeon Silver 4116 @ 2.10GHz	15509	156	16.44	\$943.13*
Intel Xeon Silver 4123 @ 3.00GHz	15185	161	NA	NA
Intel Xeon Silver 4208 @ 2.10GHz	13116	224	28.48	\$460.54

Intel Xeon Silver 4208 @ 2.10GHz	13116	224	28.48	\$460.54
Intel Xeon Silver 4210 @ 2.20GHz	15974	144	29.04	\$550.00*
Intel Xeon Silver 4214 @ 2.20GHz	17722	103	21.43	\$826.88
Intel Xeon Silver 4215 @ 2.50GHz	15200	160	20.29	\$749.00*
Intel Xeon Silver 4216 @ 2.10GHz	17469	107	17.15	\$1,018.70
Intel Xeon W3503 @ 2.40GHz	1756	1859	175.87	\$9.99*
Intel Xeon W3505 @ 2.53GHz	1844	1820	74.18	\$24.86*
Intel Xeon W3520 @ 2.67GHz	4943	911	102.99	\$48.00*
Intel Xeon W3530 @ 2.80GHz	5220	858	17.76	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5412	825	271.73	\$19.92*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W3550 @ 3.07GHz	5568	807	185.67	\$29.99*
Intel Xeon W3565 @ 3.20GHz	5780	778	82.63	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6047	753	12.60	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6183	732	28.83	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8027	549	16.06	\$499.99*
Intel Xeon W3680 @ 3.33GHz	8911	470	55.71	\$159.95*
Intel Xeon W3690 @ 3.47GHz	8981	460	46.06	\$195.01
Intel Xeon W5580 @ 3.20GHz	5836	772	54.53	\$107.03*
Intel Xeon W5590 @ 3.33GHz	6088	749	2.43	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	6986	651	29.72	\$235.05*
Intel Xeon W-2104 @ 3.20GHz	7475	607	29.32	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10675	308	31.95	\$334.12
Intel Xeon W-2125 @ 4.00GHz	12312	245	15.20	\$809.95
Intel Xeon W-2133 @ 3.60GHz	14382	182	23.31	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16292	133	18.09	\$900.75
Intel Xeon W-2140B @ 3.20GHz	18610	90	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19773	76	16.57	\$1,192.99*
Intel Xeon W-2150B @ 3.00GHz	21543	53	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21872	49	14.29	\$1,530.39*
Intel Xeon W-2170B @ 2.50GHz	24561	28	NA	NA
Intel Xeon W-2175 @ 2.50GHz	24454	29	11.81	\$2,071.22
Intel Xeon W-2195 @ 2.30GHz	24081	31	8.66	\$2,780.48*
Intel Xeon W-3175X @ 3.10GHz	33538	3	11.02	\$3,042.82
Intel Xeon W-3265 @ 2.70GHz	31691	6	9.46	\$3,349.00*
Intel Xeon X3210 @ 2.13GHz	2740	1464	14.76	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1343	51.35	\$60.15

Intel Xeon X3210 @ 2.13GHz	2740	1464	14.76	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1343	51.35	\$60.15*
Intel Xeon X3230 @ 2.66GHz	3398	1244	47.53	\$71.50*
Intel Xeon X3320 @ 2.50GHz	3306	1272	14.41	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3174	1309	163.97	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3340	1264	15.91	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1139	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1130	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3935	1118	24.91	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3983	1100	116.86	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	1046	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4665	962	9.15	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3342	1262	44.16	\$75.68*
Intel Xeon X3440 @ 2.53GHz	4511	998	31.78	\$141.96*
Intel Xeon X3450 @ 2.67GHz	4749	952	59.40	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5147	871	14.42	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5328	846	35.83	\$148.70*
Intel Xeon X3480 @ 3.07GHz	5661	791	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1561	45.47	\$54.00*
Intel Xeon X5270 @ 3.50GHz	2553	1525	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1584	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3170	1312	10.23	\$309.95*
Intel Xeon X5365 @ 3.00GHz	3524	1214	45.19	\$77.99*
Intel Xeon X5450 @ 3.00GHz	4105	1080	68.47	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4323	1040	94.01	\$45.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5470 @ 3.33GHz	4578	985	24.22	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4001	1096	17.78	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4529	996	45.30	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	927	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5274	852	17.30	\$304.85*
Intel Xeon X5560 @ 2.80GHz	5405	829	159.04	\$33.99*
Intel Xeon X5570 @ 2.93GHz	5618	796	63.13	\$89.00
Intel Xeon X5647 @ 2.93GHz	5797	774	290.91	\$19.93*
Intel Xeon X5650 @ 2.67GHz	7301	625	248.44	\$29.39*
Intel Xeon X5660 @ 2.80GHz	7588	598	90.21	\$84.12*
Intel Xeon X5667 @ 3.07GHz	6198	731	265.70	\$23.33*

Intel Xeon X5660 @ 2.80GHz	7588	598	90.21	\$84.12*
Intel Xeon X5667 @ 3.07GHz	6198	731	265.70	\$23.33*
Intel Xeon X5670 @ 2.93GHz	7818	572	229.90	\$34.01
Intel Xeon X5672 @ 3.20GHz	6461	707	143.61	\$44.99*
Intel Xeon X5675 @ 3.07GHz	8002	552	145.52	\$54.99
Intel Xeon X5677 @ 3.47GHz	6773	673	177.87	\$38.08*
Intel Xeon X5679 @ 3.20GHz	8958	463	NA	NA
Intel Xeon X5680 @ 3.33GHz	8359	519	119.42	\$70.00
Intel Xeon X5687 @ 3.60GHz	6979	653	123.92	\$56.32*
Intel Xeon X5690 @ 3.47GHz	8792	479	71.49	\$123.00
Intel Xeon X5698 @ 4.40GHz	4272	1047	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1379	NA	NA
Mobile AMD Athlon 4	314	2744	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2699	NA	NA
Mobile AMD Athlon 64 2700+	398	2651	NA	NA
Mobile AMD Athlon 64 2800+	440	2601	NA	NA
Mobile AMD Athlon 64 3000+	450	2589	NA	NA
Mobile AMD Athlon 64 3200+	448	2593	NA	NA
Mobile AMD Athlon 64 3400+	511	2532	NA	NA
Mobile AMD Athlon 64 3700+	435	2611	NA	NA
Mobile AMD Athlon 64 4000+	576	2493	NA	NA
Mobile AMD Athlon 1400+	266	2819	NA	NA
Mobile AMD Athlon 2500+	370	2683	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2820	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2673	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2773	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2543	NA	NA
Mobile AMD Athlon XP	572	2497	45.81	\$12.49*
Mobile AMD Athlon XP-M	512	2531	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2901	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2823	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2825	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2731	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2768	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2716	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2762	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2693	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2711	NA	NA

Mobile AMD Athlon XP-M 2200+	364	2693	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2711	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2709	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2682	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M 2800+	365	2691	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2690	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2602	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2549	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2536	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2781	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2772	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2721	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2680	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2565	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2538	NA	NA
Mobile AMD Sempron 2100+	252	2834	NA	NA
Mobile AMD Sempron 2600+	394	2657	NA	NA
Mobile AMD Sempron 2800+	361	2696	NA	NA
Mobile AMD Sempron 3000+	389	2667	NA	NA
Mobile AMD Sempron 3100+	416	2624	NA	NA
Mobile AMD Sempron 3200+	354	2703	NA	NA
Mobile AMD Sempron 3300+	446	2596	NA	NA
Mobile AMD Sempron 3400+	441	2600	NA	NA
Mobile AMD Sempron 3500+	408	2634	NA	NA
Mobile AMD Sempron 3600+	427	2618	NA	NA
Mobile AMD Sempron 3800+	485	2554	NA	NA
Mobile Intel Celeron 1.20GHz	170	2912	NA	NA
Mobile Intel Celeron 1.50GHz	188	2896	NA	NA
Mobile Intel Celeron 1.60GHz	188	2897	NA	NA
Mobile Intel Celeron 1.70GHz	181	2905	NA	NA
Mobile Intel Celeron 1.80GHz	186	2899	NA	NA
Mobile Intel Celeron 2.00GHz	204	2881	NA	NA
Mobile Intel Celeron 2.20GHz	226	2861	NA	NA
Mobile Intel Celeron 2.40GHz	236	2853	NA	NA
Mobile Intel Celeron 2.50GHz	281	2800	NA	NA
Mobile Intel Celeron 1200MHz	294	2774	NA	NA

Mobile Intel Celeron 2.50GHz	281	2800	NA	NA
Mobile Intel Celeron 1200MHz	294	2774	NA	NA
Mobile Intel Celeron 1333MHz	280	2802	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2807	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2822	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2804	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2742	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2718	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2700	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2603	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2563	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2891	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2911	1.06	\$163.99
Mobile Intel Pentium 4 - M 1.80GHz	175	2908	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2856	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2886	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2888	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2872	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2829	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 - M 2.60GHz	313	2746	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2875	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2887	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2837	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2779	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2862	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2780	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1546	NA	NA
Quad-Core AMD Opteron 1385	3442	1235	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3446	1233	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1399	NA	NA
VIA C3 Ezra	100	2940	NA	NA
VIA C7 1500MHz	284	2791	NA	NA
VIA C7-D 1500MHz	287	2787	NA	NA
VIA C7-D 1800MHz	203	2883	NA	NA
VIA C7-D 2000MHz	368	2686	NA	NA
VIA C7-M 1000MHz	164	2914	NA	NA

<u>VIA C7-M 1000MHz</u>	164	2914	NA	NA
<u>VIA C7-M 1200MHz</u>	140	2927	NA	NA
<u>VIA C7-M 1600MHz</u>	178	2907	NA	NA
<u>VIA C7-M 6300MHz</u>	222	2864	NA	NA
<u>VIA Eden 800MHz</u>	155	2918	NA	NA
<u>VIA Eden 1000MHz</u>	123	2935	NA	NA
<u>VIA Eden 1200MHz</u>	142	2926	NA	NA
<u>VIA Eden C1050@1.06GHz</u>	352	2706	NA	NA
<u>VIA Eden X2 U4200 @ 1.0+ GHz</u>	480	2561	NA	NA
<u>VIA Eden X4 C4250 @ 1.2+GHz</u>	1262	2122	NA	NA
<u>VIA Esther 1000MHz</u>	146	2925	NA	NA
<u>VIA Esther 1300MHz</u>	250	2836	NA	NA
<u>VIA Esther 1500MHz</u>	219	2866	NA	NA
<u>VIA Esther 2000MHz</u>	394	2656	NA	NA
<u>VIA Nano L1900@1400MHz</u>	457	2583	NA	NA
<u>VIA Nano L2007@1600MHz</u>	369	2684	NA	NA
<u>VIA Nano L2100@1800MHz</u>	428	2616	NA	NA
<u>VIA Nano L2207@1600MHz</u>	296	2770	NA	NA
<u>VIA Nano L3025@1600MHz</u>	517	2528	NA	NA
<u>VIA Nano L3050@1800MHz</u>	581	2490	NA	NA
<u>VIA Nano L3600@2000MHz</u>	645	2457	NA	NA
<u>VIA Nano U2250 (1.6GHz Capable)</u>	415	2625	NA	NA
<u>VIA Nano U2250@1300+MHz</u>	274	2811	NA	NA
<u>VIA Nano U2500@1200MHz</u>	306	2753	NA	NA
<u>VIA Nano U3100 (1.6GHz Capable)</u>	501	2540	NA	NA
<u>VIA Nano U3300@1200MHz</u>	409	2632	NA	NA
<u>VIA Nano U3500@1000MHz</u>	275	2809	NA	NA
<u>VIA Nano X2 U4025 @ 1.2 GHz</u>	605	2475	NA	NA
<u>VIA Nehemiah</u>	155	2919	NA	NA
<u>VIA QuadCore C4650@2.0GHz</u>	1897	1794	NA	NA
<u>VIA QuadCore L4700 @ 1.2+ GHz</u>	1363	2060	NA	NA
<u>VIA QuadCore U4650 @ 1.0+ GHz</u>	1173	2169	NA	NA
<u>VIA Samuel 2</u>	79	2942	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>ZHAOXIN KaiXian KX-U6780A@2.7GHz</u>	5760	783	NA	NA

* - Last price seen from our affiliates.

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* - Last price seen from our affiliates.

Multi CPU Systems

[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	327	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	148	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	433	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	439	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	485	NA	NA
[Dual CPU] AMD EPYC 7251	12955	205	14.26	\$908.36
[Dual CPU] AMD EPYC 7261	12430	213	14.12	\$880.06
[Dual CPU] AMD EPYC 7281	13293	201	13.78	\$964.56
[Dual CPU] AMD EPYC 7371	19370	132	NA	NA
[Dual CPU] AMD EPYC 7401	23518	80	7.24	\$3,249.80
[Dual CPU] AMD EPYC 7451	28957	46	16.16	\$1,792.44
[Dual CPU] AMD EPYC 7501	28991	45	7.03	\$4,121.72
[Dual CPU] AMD EPYC 7551	31452	32	10.97	\$2,868.16
[Dual CPU] AMD EPYC 7601	33545	24	5.33	\$6,299.12
[Dual CPU] AMD EPYC 7742	56197	1	4.04	\$13,900.00*
[Dual CPU] AMD Opteron 246	1130	474	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	475	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	470	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	471	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	480	NA	NA
[Dual CPU] AMD Opteron 256	1853	467	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	465	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	461	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	464	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	456	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2769	446	17.32	\$159.90
[Dual CPU] AMD Opteron 290	2716	448	10.06	\$270.00*
[Dual CPU] AMD Opteron 850	1410	472	0.47	\$3,028.00*
[Dual CPU] AMD Opteron 885	2851	442	NA	NA
[Dual CPU] AMD Opteron 2212	2203	462	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	457	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	455	NA	NA
[Dual CPU] AMD Opteron 2216	2485	454	48.16	\$51.60
[Dual CPU] AMD Opteron 2216 HE	2593	450	NA	NA

[Dual CPU] AMD Opteron 2216	2485	454	48.16	\$51.60
[Dual CPU] AMD Opteron 2216 HE	2593	450	NA	NA
[Dual CPU] AMD Opteron 2218	2719	447	17.00	\$159.90
[Dual CPU] AMD Opteron 2218 HE	2514	451	NA	NA
[Dual CPU] AMD Opteron 2220	2854	441	17.85	\$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	440	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	437	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	431	45.30	\$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	421	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	428	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	422	25.50	\$159.90
[Dual CPU] AMD Opteron 2354	4554	409	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	412	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	391	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	419	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	405	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	392	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	390	14.85	\$358.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2380	5754	376	63.93	\$90.00
[Dual CPU] AMD Opteron 2384	5714	378	3.40	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	364	NA	NA
[Dual CPU] AMD Opteron 2389	5677	379	48.11	\$118.00*
[Dual CPU] AMD Opteron 2419	5191	394	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	365	NA	NA
[Dual CPU] AMD Opteron 2427	5907	374	36.94	\$159.90
[Dual CPU] AMD Opteron 2431	6438	358	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7068	343	18.70	\$378.00*
[Dual CPU] AMD Opteron 2439 SE	8071	313	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	423	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	381	24.58	\$229.90*
[Dual CPU] AMD Opteron 4170 HE	6344	361	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	359	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7813	318	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	312	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	315	NA	NA
[Dual CPU] AMD Opteron 4234	8953	287	19.46	\$459.98*

[Dual CPU] AMD Opteron 4234	8953	287	19.46	\$459.98*
[Dual CPU] AMD Opteron 4274 HE	4214	416	52.69	\$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	271	NA	NA
[Dual CPU] AMD Opteron 4280	4525	410	45.25	\$100.00
[Dual CPU] AMD Opteron 4284	9151	280	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9456	278	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	250	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	260	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11410	233	40.75	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	350	178.04	\$37.98
[Dual CPU] AMD Opteron 6128 HE	5582	384	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	297	NA	NA
[Dual CPU] AMD Opteron 6134	7586	329	86.22	\$87.98*
[Dual CPU] AMD Opteron 6136	7255	337	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	397	NA	NA
[Dual CPU] AMD Opteron 6168	7741	324	92.15	\$84.00
[Dual CPU] AMD Opteron 6172	7621	328	19.24	\$396.00*
[Dual CPU] AMD Opteron 6174	7783	319	48.67	\$159.90
[Dual CPU] AMD Opteron 6176 SE	8448	302	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	434	16.40	\$189.90
[Dual CPU] AMD Opteron 6204	7134	339	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	291	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	246	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	264	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	253	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	9841	268	70.30	\$139.98
[Dual CPU] AMD Opteron 6274	10536	248	117.09	\$89.98
[Dual CPU] AMD Opteron 6275	10900	244	NA	NA
[Dual CPU] AMD Opteron 6276	10194	263	30.16	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	225	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8351	304	13.47	\$619.96
[Dual CPU] AMD Opteron 6320	10716	247	20.88	\$513.18
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6328	12013	224	10.09	\$1,190.00
[Dual CPU] AMD Opteron 6344	11203	238	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	232	18.64	\$612.20
[Dual CPU] AMD Opteron 6376	10405	252	80.04	\$130.00

[Dual CPU] AMD Opteron 6348	11412	232	18.64	\$612.20
[Dual CPU] AMD Opteron 6376	10405	252	80.04	\$130.00
[Dual CPU] AMD Opteron 6378	9145	281	24.07	\$380.00
[Dual CPU] AMD Opteron 6380	14200	184	120.34	\$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	218	42.05	\$289.98
[Dual CPU] AMD Opteron 8218	2831	443	61.54	\$46.00
[Dual CPU] AMD Opteron 8220	2510	452	15.70	\$159.90
[Dual CPU] AMD Opteron 8222 SE	2793	445	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	432	67.15	\$48.00
[Dual CPU] AMD Opteron 8380	5643	382	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	393	NA	NA
[Dual CPU] AMD Opteron 8389	6517	355	41.25	\$158.00*
[Dual CPU] AMD Opteron 8431	5813	375	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	351	46.80	\$144.00*
[Dual CPU] AMD Opteron 8439 SE	7691	326	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	473	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	459	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	427	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	316	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	494	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	492	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	489	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	541	488	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	495	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	496	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	493	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	491	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	486	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	679	482	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	481	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	484	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	479	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	478	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	477	0.55	\$1,702.00*

[Dual CPU] Intel Xeon 3.40GHz	889	478	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	477	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	466	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	476	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	463	30.53	\$70.00*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2315	458	0.71	\$3,239.98*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	449	41.62	\$62.92*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	435	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2975	438	59.52	\$49.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	436	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3409	429	12.18	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3826	425	51.03	\$74.98*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8929	290	18.61	\$479.74
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11012	241	15.81	\$696.66*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	366	28.64	\$216.62
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	363	87.58	\$71.98*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	335	11.07	\$660.00
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	283	39.02	\$231.12*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11299	235	14.49	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	226	113.06	\$105.34
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	307	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13220	204	173.95	\$76.00*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	188	68.82	\$200.00
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	10818	245	167.57	\$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	215	NA	NA
[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	12436	212	155.49	\$79.98
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	206	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2448L @ 1.80GHz	11334	234	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15680	168	120.63	\$129.98*

1.80GHz				
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	15680	168	120.63	\$129.98*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	15106	176	48.73	\$310.00*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11664	228	44.86	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	13442	198	52.51	\$256.00
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	139	41.83	\$444.00
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	362	127.11	\$49.88*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	354	54.34	\$119.98*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	303	13.50	\$619.90
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8932	289	17.18	\$520.00*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8162	310	140.77	\$57.98
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	9017	284	90.19	\$99.98
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	266	46.00	\$218.00
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	242	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12248	217	211.25	\$57.98
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13223	203	165.33	\$79.98
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15244	174	108.90	\$139.98
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16453	157	22.54	\$729.98
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14339	183	11.05	\$1,298.00*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12620	209	11.49	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	181	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13502	197	79.66	\$169.50*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15943	163	181.42	\$87.88
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18496	143	94.37	\$196.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18736	138	14.19	\$1,319.98
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11506	230	NA	NA

[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11506	230	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	190	175.27	\$78.20*
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	175	22.33	\$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7706	325	4.35	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15884	165	93.45	\$169.98*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16393	158	26.44	\$619.98*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16703	155	7.81	\$2,139.90*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14674	179	75.76	\$193.68
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14505	182	36.63	\$395.96
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19881	124	56.81	\$349.98*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20530	117	11.15	\$1,840.54*
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13673	191	114.04	\$119.90
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20742	113	95.16	\$217.98
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21023	108	42.05	\$500.00
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	102	6.44	\$3,342.50*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12399	214	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	187	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	145	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15056	177	167.29	\$90.00
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18888	136	131.08	\$144.10
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20337	120	63.96	\$317.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20740	114	7.49	\$2,769.38
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	13621	194	86.21	\$158.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14152	185	52.09	\$271.68*
[Dual CPU] Intel Xeon E5-2650L v4 @	20924	109	6.99	\$2,992.00*

[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14102	180	52.09	\$271.68
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	109	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2652 v3 @ 2.30GHz	19588	127	8.36	\$2,342.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13855	186	4.74	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	137	52.29	\$359.98*
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	131	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	147	4.85	\$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16378	159	124.09	\$131.98*
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17795	146	49.18	\$361.84
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22577	94	22.18	\$1,018.00
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23225	85	7.74	\$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	86	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17036	152	75.70	\$225.04
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	71	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16358	160	126.30	\$129.52
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22630	92	31.43	\$719.98
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22609	93	28.39	\$796.28
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22916	88	5.88	\$3,898.06*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18169	144	129.78	\$140.00
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20611	116	42.41	\$486.00
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22298	97	53.09	\$419.98
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	82	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	21751	100	15.54	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	62	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19762	125	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21063	107	NA	NA

[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21063	107	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	39	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18560	141	124.87	\$148.64
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21537	101	26.72	\$805.90
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24215	77	40.49	\$598.00
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22761	90	7.54	\$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	153	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21121	106	20.71	\$1,019.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	70	5.66	\$4,417.86*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	98	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26907	59	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	48	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20807	112	48.39	\$429.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23298	84	32.37	\$719.80
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24320	76	20.61	\$1,179.98
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26668	60	6.13	\$4,349.98*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19404	130	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	25703	67	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19639	126	95.68	\$205.26
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23625	79	43.34	\$545.16
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25801	66	52.23	\$493.98
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27411	57	6.32	\$4,339.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20921	110	40.39	\$517.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	72	12.30	\$2,019.98*

[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	72	12.30	\$2,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	75	6.81	\$3,618.00*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23501	81	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	37	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31774	31	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23308	83	30.70	\$759.24
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27424	56	30.71	\$893.00
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30440	36	4.98	\$6,109.98*
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	29185	43	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	28325	52	4.14	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	35	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	29	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	78	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26341	63	5.25	\$5,018.00*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	22	2.86	\$11,909.58*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	115	NA	NA
[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz	15383	171	85.56	\$179.80*
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	129	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	164	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	133	35.31	\$544.08*
[Dual CPU] Intel Xeon E5-4640 v3 @ 1.90GHz	20468	118	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	128	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18565	140	132.63	\$139.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	178	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	13742	189	57.26	\$239.98*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.40GHz	22461	95	2.34	\$9,600.00*

<u>2.60GHz</u>				
<u>[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz</u>	22461	95	<u>2.34</u>	<u>\$9,600.00*</u>
<u>[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz</u>	27457	55	<u>2.54</u>	<u>\$10,800.00*</u>
<u>[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz</u>	12145	219	<u>44.98</u>	<u>\$270.00*</u>
<u>[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz</u>	15686	167	NA	NA
<u>[Dual CPU] Intel Xeon E7-4830 @ 2.13GHz</u>	9539	277	<u>147.66</u>	<u>\$64.60*</u>
<u>[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz</u>	22412	96	<u>1.81</u>	<u>\$12,400.00*</u>
<u>[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz</u>	12016	223	<u>1.42</u>	<u>\$8,454.00*</u>
<u>[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz</u>	15263	173	<u>40.38</u>	<u>\$378.00*</u>
<u>[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz</u>	10965	243	<u>27.41</u>	<u>\$399.98*</u>
<u>[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz</u>	10207	261	<u>1.02</u>	<u>\$10,017.02*</u>
<u>[Dual CPU] Intel Xeon E5205 @ 1.86GHz</u>	2279	460	<u>120.97</u>	<u>\$18.84*</u>
<u>[Dual CPU] Intel Xeon E5240 @ 3.00GHz</u>	4038	424	<u>22.74</u>	<u>\$177.56*</u>
<u>[Dual CPU] Intel Xeon E5310 @ 1.60GHz</u>	3554	426	<u>36.27</u>	<u>\$98.00*</u>
<u>[Dual CPU] Intel Xeon E5320 @ 1.86GHz</u>	4166	418	<u>53.75</u>	<u>\$77.50*</u>
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>[Dual CPU] Intel Xeon E5330 @ 2.13GHz</u>	4944	400	NA	NA
<u>[Dual CPU] Intel Xeon E5335 @ 2.00GHz</u>	4559	408	<u>128.28</u>	<u>\$35.54*</u>
<u>[Dual CPU] Intel Xeon E5345 @ 2.33GHz</u>	5120	396	<u>64.02</u>	<u>\$79.98*</u>
<u>[Dual CPU] Intel Xeon E5405 @ 2.00GHz</u>	5138	395	<u>64.31</u>	<u>\$79.90*</u>
<u>[Dual CPU] Intel Xeon E5410 @ 2.33GHz</u>	6010	371	<u>14.38</u>	<u>\$417.90*</u>
<u>[Dual CPU] Intel Xeon E5420 @ 2.50GHz</u>	6348	360	<u>50.42</u>	<u>\$125.90*</u>
<u>[Dual CPU] Intel Xeon E5430 @ 2.66GHz</u>	6831	349	<u>30.77</u>	<u>\$221.98*</u>
<u>[Dual CPU] Intel Xeon E5440 @ 2.83GHz</u>	7126	340	<u>35.99</u>	<u>\$198.00*</u>
<u>[Dual CPU] Intel Xeon E5450 @ 3.00GHz</u>	7501	332	<u>69.45</u>	<u>\$108.00*</u>
<u>[Dual CPU] Intel Xeon E5462 @ 2.80GHz</u>	7093	342	<u>129.91</u>	<u>\$54.60*</u>
<u>[Dual CPU] Intel Xeon E5472 @ 3.00GHz</u>	7769	321	<u>129.31</u>	<u>\$60.08*</u>
<u>[Dual CPU] Intel Xeon E5502 @ 1.87GHz</u>	2492	453	<u>13.12</u>	<u>\$190.00*</u>
<u>[Dual CPU] Intel Xeon E5503 @ 2.00GHz</u>	2801	444	<u>4.88</u>	<u>\$574.02*</u>
<u>[Dual CPU] Intel Xeon E5504 @ 2.00GHz</u>	4878	404	<u>34.87</u>	<u>\$139.90*</u>
<u>[Dual CPU] Intel Xeon E5506 @ 2.13GHz</u>	4990	399	<u>39.60</u>	<u>\$126.02*</u>
<u>[Dual CPU] Intel Xeon E5507 @ 2.27GHz</u>	5410	387	<u>5.92</u>	<u>\$913.82*</u>
<u>[Dual CPU] Intel Xeon E5520 @ 2.27GHz</u>	7300	336	255.78	\$28.54

[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5410	387	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7300	336	255.78	\$28.54*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7576	330	291.38	\$26.00
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7752	322	65.69	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	420	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	385	12.57	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5947	373	42.96	\$138.42*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	7990	314	27.78	\$287.62*
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8329	305	118.99	\$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8662	296	154.73	\$55.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10246	259	63.03	\$162.56
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10265	257	49.16	\$208.80
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	386	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	389	29.87	\$179.98*
[Dual CPU] Intel Xeon E7540 @ 2.00GHz	6738	352	210.96	\$31.94*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	99	8.41	\$2,618.10*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21437	103	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	105	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22722	91	9.46	\$2,401.80*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	69	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17463	149	6.73	\$2,595.00*
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	58	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	22983	87	6.92	\$3,319.90
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	135	7.83	\$2,442.00*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28610	50	7.57	\$3,780.00
[Dual CPU] Intel Xeon Gold 6126T @ 2.60GHz	20420	119	5.47	\$3,730.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22875	89	6.50	\$3,519.50*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26585	61	6.86	\$3,875.58
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	54	5.48	\$5,017.90
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	24666	74	5.74	\$4,300.00

[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	24666	74	5.74	\$4,300.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29961	38	5.73	\$5,227.18*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	53	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34125	21	6.49	\$5,257.90
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	28	6.68	\$4,879.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	47	4.72	\$6,116.66*
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	29907	40	NA	NA
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28723	49	4.91	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29655	41	3.22	\$9,217.90*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36731	15	6.28	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32941	27	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33142	25	4.48	\$7,404.24*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	13	4.75	\$7,818.00*
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	29161	44	6.57	\$4,440.00*
[Dual CPU] Intel Xeon Gold 6242 @ 2.80GHz	33019	26	6.16	\$5,356.98
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31379	33	4.66	\$6,737.66*
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	33741	23	5.13	\$6,572.00*
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38755	8	6.16	\$6,291.90
[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz	37405	11	4.68	\$7,999.98*
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41159	4	5.55	\$7,418.00
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	411	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	415	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	402	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	383	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	368	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	357	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	370	19.22	\$315.90*

[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	357	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	370	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	401	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	347	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6961	346	271.49	\$25.64*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7553	331	196.08	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	6973	345	166.10	\$41.98*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8693	294	62.18	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9607	274	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9663	272	161.21	\$59.94*
[Dual CPU] Intel Xeon MP 2.50GHz	550	487	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	490	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	483	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	468	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	17	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	37838	10	2.46	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	42	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39259	7	3.33	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36410	16	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	18	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	12	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Platinum 8260 @ 2.40GHz	38657	9	4.11	\$9,404.00*
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	5	3.26	\$12,604.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	162	15.66	\$1,019.90*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16697	156	20.98	\$796.00
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	195	13.24	\$1,027.98*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19206	134	14.56	\$1,318.90
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	104	11.36	\$1,886.26*
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	123	19.96	\$1,002.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz	25402	68	15.36	\$1,653.76
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10062	265	47.01	\$214.06*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10249	258	2.04	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	256	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	406	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	407	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	403	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5738	377	9.26	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6203	367	39.77	\$155.98*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7436	333	62.01	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7822	317	85.04	\$91.98*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	311	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7776	320	17.28	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8175	309	40.88	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8682	295	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8758	292	14.36	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9002	285	132.42	\$67.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9278	279	52.12	\$178.00
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9642	273	241.90	\$39.86*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11243	236	191.27	\$58.78*
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11648	229	69.23	\$168.24*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10288	255	220.49	\$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12082	220	177.62	\$68.02
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10320	254	114.69	\$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12448	210	113.18	\$109.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11160	239	146.53	\$76.16*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13428	199	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13351	200	95.36	\$140.00
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11742	227	104.24	\$112.64*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13665	192	55.55	\$246.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	301	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	353	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	293	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7542 @ 2.67GHz	8972	286	13.22	\$678.48*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	267	18.07	\$550.00*

[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	267	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11230	237	255.23	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	417	46.34	\$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	398	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	414	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	413	27.37	\$159.90
[Dual CPU] Quad-Core AMD Opteron 8378	5382	388	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	348	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	380	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	372	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	306	NA	NA
[Quad CPU] AMD Opteron 6136	9767	269	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	299	26.87	\$319.80
[Quad CPU] AMD Opteron 6272	12292	216	43.91	\$279.96
[Quad CPU] AMD Opteron 6274	10488	249	58.28	\$179.96
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 6276	15342	172	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	221	24.31	\$495.80
[Quad CPU] AMD Opteron 6282 SE	11044	240	4.31	\$2,560.00
[Quad CPU] AMD Opteron 6376	13257	202	50.99	\$260.00
[Quad CPU] AMD Opteron 6378	20859	111	27.45	\$760.00
[Quad CPU] AMD Opteron 6380	12442	211	52.72	\$236.00
[Quad CPU] AMD Opteron 8360 SE	6490	356	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	369	NA	NA
[Quad CPU] AMD Opteron 8382	8553	300	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	334	NA	NA
[Quad CPU] AMD Opteron 8431	8252	308	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	341	24.65	\$288.00*
[Quad CPU] AMD Opteron 8439 SE	8943	288	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	469	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	430	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	154	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @	14669	180	27.32	\$536.80*

[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	154	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	14669	180	27.32	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	193	42.59	\$319.96*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	73	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	20036	122	18.41	\$1,088.16*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	17127	151	61.18	\$279.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	64	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650L @ 2.60GHz	18557	142	38.66	\$479.96*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	34	2.14	\$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	121	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4830 @ 2.13GHz	13606	196	105.31	\$129.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	161	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	20	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	51	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	30	NA	NA
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	36830	14	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	15433	169	96.48	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17398	150	131.84	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15429	170	20.41	\$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	208	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	15867	166	0.79	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	344	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	323	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	262	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	275	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	282	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	65	5.04	\$5,190.00*
[Quad CPU] Intel Xeon Gold 6142M @	31600	19	NA	NA

[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	65	5.04	\$5,190.00*
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	19	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	6	2.75	\$14,808.48*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	270	NA	NA
[Quad CPU] Intel Xeon L7555 @ 1.87GHz	10406	251	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	3	1.10	\$40,060.00*
[Quad CPU] Intel Xeon Platinum 8180M @ 2.50GHz	48904	2	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	276	66.28	\$143.96*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	222	4.24	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	298	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	231	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	12824	207	145.73	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	338	22.42	\$319.80

* - Last price seen from our affiliates.