

Single CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2845	NA	NA
AMD A4 Micro-6400T APU	1544	2035	NA	NA
AMD A4 PRO-3340B	2402	1637	NA	NA
AMD A4 PRO-7300B APU	2353	1660	NA	NA
AMD A4 PRO-7350B	2227	1711	NA	NA
AMD A4-1200 APU	632	2525	NA	NA
AMD A4-1250 APU	622	2532	NA	NA
AMD A4-3300 APU	1502	2060	115.70	\$12.99*
AMD A4-3300M APU	1186	2225	39.56	\$29.99*
AMD A4-3305M APU	1228	2202	39.87	\$30.81*
AMD A4-3310MX APU	1286	2166	NA	NA
AMD A4-3320M APU	1253	2188	34.93	\$35.90*
AMD A4-3330MX APU	1218	2206	NA	NA
AMD A4-3400 APU	1593	2019	18.12	\$87.95*
AMD A4-3420 APU	1664	1981	NA	NA
AMD A4-4000 APU	1831	1893	14.28	\$128.27*
AMD A4-4020 APU	1909	1850	23.00	\$83.00*
AMD A4-4300M APU	1614	2006	40.52	\$39.86*
AMD A4-4355M APU	1177	2228	NA	NA
AMD A4-5000 APU	1918	1845	NA	NA
AMD A4-5050 APU	2124	1751	NA	NA
AMD A4-5100 APU	2060	1779	NA	NA
AMD A4-5150M APU	1864	1874	NA	NA
AMD A4-5300 APU	2019	1796	18.31	\$110.32*
AMD A4-5300B APU	2149	1739	56.56	\$38.00*
AMD A4-6210 APU	2171	1729	NA	NA
AMD A4-6250J APU	2537	1590	NA	NA
AMD A4-6300 APU	2226	1712	48.88	\$45.55*
AMD A4-6300B APU	2159	1737	21.59	\$100.00*
AMD A4-6320 APU	2329	1661	33.29	\$69.99*
AMD A4-7210 APU	2528	1592	NA	NA
AMD A4-7300 APU	2312	1671	20.65	\$112.00*

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AMD A4-9120	1947	1830	NA	NA
AMD A4-9120C	1539	2038	NA	NA
AMD A4-9125	1970	1816	NA	NA
AMD A6 Micro-6500T APU	1834	1889	NA	NA
AMD A6 PRO-7050B APU	1616	2005	NA	NA
AMD A6 PRO-7400B	2621	1556	NA	NA
AMD A6-1450 APU	1539	2039	NA	NA
AMD A6-3400M APU	1886	1864	62.95	\$29.97*
AMD A6-3410MX APU	2058	1782	515.98	\$3.99*
AMD A6-3420M APU	2004	1802	NA	NA
AMD A6-3430MX APU	2200	1723	NA	NA
AMD A6-3500 APU	2029	1791	50.76	\$39.99*
AMD A6-3600 APU	2707	1533	117.76	\$22.99*
AMD A6-3620 APU	2793	1502	46.56	\$59.99*
AMD A6-3650 APU	3140	1385	98.17	\$31.99*
AMD A6-3670 APU	3164	1374	5.19	\$610.00*
AMD A6-4400M APU	1645	1991	205.91	\$7.99*
AMD A6-4455M APU	1287	2165	NA	NA
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AMD A6-5200 APU	2437	1627	NA	NA
AMD A6-5345M APU	1476	2071	NA	NA
AMD A6-5350M APU	1909	1851	44.28	\$43.12*
AMD A6-5357M APU	1953	1827	NA	NA
AMD A6-5400B APU	2237	1708	21.30	\$105.04*
AMD A6-5400K APU	2160	1734	34.84	\$62.02*
AMD A6-6310 APU	2470	1617	NA	NA
AMD A6-6400B APU	2281	1685	NA	NA
AMD A6-6400K APU	2313	1669	28.47	\$81.27*
AMD A6-6420B APU	2612	1558	NA	NA
AMD A6-6420K APU	2388	1646	15.92	\$149.99*
AMD A6-7000	1667	1976	NA	NA
AMD A6-7310 APU	2675	1541	NA	NA
AMD A6-7400K APU	2783	1507	38.24	\$72.79*

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AMD A6-7470K	2727	1526	20.52	\$132.91*
AMD A6-7480	3116	1394	70.86	\$43.99*
AMD A6-8500P	2202	1722	NA	NA
AMD A6-8550	3032	1418	NA	NA
AMD A6-9200	1747	1927	NA	NA
AMD A6-9210	1764	1918	NA	NA
AMD A6-9220	2160	1735	NA	NA
AMD A6-9220C	1962	1821	NA	NA
AMD A6-9220e	1609	2009	NA	NA
AMD A6-9225	2103	1758	NA	NA
AMD A6-9230	2102	1759	NA	NA
AMD A6-9500	3030	1419	55.79	\$54.32*
AMD A6-9500E	2889	1475	39.85	\$72.50*
AMD A8 PRO-7150B APU	2651	1547	NA	NA
AMD A8 PRO-7600B APU	4744	1008	NA	NA
AMD A8-3500M APU	1984	1809	28.37	\$69.95*
AMD A8-3510MX APU	2410	1635	NA	NA
AMD A8-3520M APU	2169	1730	NA	NA
AMD A8-3530MX APU	2354	1658	NA	NA
AMD A8-3550MX APU	2610	1559	NA	NA
AMD A8-3800 APU	3010	1423	52.82	\$56.99*
AMD A8-3820 APU	3106	1396	24.86	\$124.99*
AMD A8-3850 APU	3458	1290	32.73	\$105.68*
AMD A8-3870K APU	3536	1266	23.63	\$149.67*
AMD A8-4500M APU	2665	1543	NA	NA
AMD A8-4555M APU	2123	1752	NA	NA
AMD A8-5500 APU	4000	1154	70.80	\$56.50*
AMD A8-5500B APU	4058	1145	NA	NA
AMD A8-5545M APU	2584	1569	NA	NA
AMD A8-5550M APU	3000	1428	NA	NA
AMD A8-5557M APU	2956	1444	NA	NA
AMD A8-5600K APU	4341	1090	18.93	\$229.30*
AMD A8-6410 APU	2576	1572	NA	NA

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AMD A8-6500 APU	4398	1080	46.31	\$94.99*
AMD A8-6500B APU	4616	1030	NA	NA
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AMD A8-6500T APU	3276	1337	NA	NA
AMD A8-6600K APU	4594	1038	47.37	\$96.99*
AMD A8-7050	1824	1895	NA	NA
AMD A8-7100 APU	2797	1500	NA	NA
AMD A8-7200P	3338	1323	NA	NA
AMD A8-7410 APU	2751	1519	NA	NA
AMD A8-7600 APU	5061	942	34.45	\$146.94*
AMD A8-7650K	4934	970	48.47	\$101.80*
AMD A8-7670K	5083	935	31.56	\$161.10*
AMD A8-7680	5350	897	89.19	\$59.99*
AMD A8-8600P	3248	1344	NA	NA
AMD A8-8650	5465	877	NA	NA
AMD A8-9600	4968	964	70.33	\$70.65*
AMD A9-9400	2306	1673	NA	NA
AMD A9-9410	2541	1588	NA	NA
AMD A9-9420	2329	1662	NA	NA
AMD A9-9420e	1787	1908	NA	NA
AMD A9-9425	2474	1614	NA	NA
AMD A9-9430	2565	1579	NA	NA
AMD A10 Micro-6700T APU	1970	1815	NA	NA
AMD A10 PRO-7350B APU	3152	1381	NA	NA
AMD A10 PRO-7800B APU	4924	972	NA	NA
AMD A10 PRO-7850B APU	5380	891	NA	NA
AMD A10-4600M APU	3115	1395	28.34	\$109.95*
AMD A10-4655M APU	2605	1561	NA	NA
AMD A10-4657M APU	2906	1463	NA	NA
AMD A10-5700 APU	4215	1116	65.35	\$64.50*
AMD A10-5745M APU	2763	1515	NA	NA
AMD A10-5750M APU	3341	1321	NA	NA
AMD A10-5757M APU	3084	1403	NA	NA

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AMD A10-5800B APU	4614	1031	NA	NA
AMD A10-5800K APU	4648	1019	30.99	\$149.99*
AMD A10-6700 APU	4607	1034	39.38	\$116.99*
AMD A10-6700T APU	3705	1229	25.10	\$147.61*
AMD A10-6790K APU	4718	1010	49.68	\$94.99*
AMD A10-6800B APU	4822	991	NA	NA
AMD A10-6800K APU	4861	986	55.40	\$87.76*
AMD A10-7300 APU	2900	1469	NA	NA
AMD A10-7400P	3606	1249	NA	NA
AMD A10-7700K APU	5118	931	40.79	\$125.47*
AMD A10-7800 APU	4972	963	48.09	\$103.39*
AMD A10-7850K APU	5467	876	32.68	\$167.33*
AMD A10-7860K	5045	947	28.83	\$175.00*
AMD A10-7870K	5477	874	24.13	\$226.99*
AMD A10-7890K	5706	840	28.53	\$199.99*
AMD A10-8700P	3437	1294	NA	NA
AMD A10-8750	5064	941	NA	NA
AMD A10-8850	5604	853	NA	NA
AMD A10-9600P	3766	1208	NA	NA
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AMD A10-9620P	3673	1237	NA	NA
AMD A10-9630P	4474	1062	NA	NA
AMD A10-9700	5379	892	63.89	\$84.20*
AMD A10-9700E	4747	1006	32.76	\$144.91*
AMD A12-9700P	3719	1224	NA	NA
AMD A12-9720P	3987	1156	NA	NA
AMD A12-9730P	4417	1076	NA	NA
AMD A12-9800	5583	855	37.67	\$148.24*
AMD A12-9800E	5031	950	38.29	\$131.38*
AMD Athlon64 X2 Dual Core 4600+	1108	2269	NA	NA
AMD Athlon 4	279	2865	4.00	\$69.99*
AMD Athlon 64 2000+	116	2999	NA	NA
AMD Athlon 64 2200+	575	2557	NA	NA

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AMD Athlon 64 2600+	374	2739	NA	NA
AMD Athlon 64 2800+	438	2667	4.38	\$99.99*
AMD Athlon 64 3000+	464	2637	7.73	\$60.00*
AMD Athlon 64 3200+	493	2607	3.29	\$149.95*
AMD Athlon 64 3300+	576	2556	NA	NA
AMD Athlon 64 3400+	545	2567	NA	NA
AMD Athlon 64 3500+	541	2573	4.97	\$108.95*
AMD Athlon 64 3600+	601	2541	NA	NA
AMD Athlon 64 3700+	598	2542	8.67	\$69.00*
AMD Athlon 64 3800+	589	2546	3.28	\$179.95*
AMD Athlon 64 4000+	608	2536	3.32	\$183.27*
AMD Athlon 64 FX-25	794	2452	NA	NA
AMD Athlon 64 FX-34	380	2732	NA	NA
AMD Athlon 64 FX-51	437	2669	NA	NA
AMD Athlon 64 FX-53	646	2517	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2482	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2478	NA	NA
AMD Athlon 64 FX-59	715	2485	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2170	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	2024	NA	NA
AMD Athlon 64 FX-72	1794	1906	NA	NA
AMD Athlon 64 FX-74	1495	2064	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2365	NA	NA
AMD Athlon 64 X2 4200+	1285	2167	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2338	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2359	16.03	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1000	2332	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1045	2303	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1097	2273	5.36	\$204.95*
AMD Athlon 64 X2 Dual Core 4400+	1145	2252	95.57	\$11.99*
AMD Athlon 64 X2 Dual Core 4600+	1219	2205	3.39	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1253	2189	2.73	\$459.95*
AMD Athlon 64 X2 Dual Core 5000+	1313	2147	3.96	\$331.49*

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AMD Athlon 64 X2 Dual Core 5200+	1381	2112	23.03	\$60.00*
AMD Athlon 64 X2 Dual Core 5400+	1451	2081	27.38	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1485	2068	8.25	\$179.95*
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AMD Athlon 64 X2 Dual Core 5800+	1516	2050	60.68	\$24.99*
AMD Athlon 64 X2 Dual Core 6000+	1603	2013	34.89	\$45.95*
AMD Athlon 64 X2 Dual Core 6400+	1784	1909	6.87	\$259.95*
AMD Athlon 64 X2 Dual Core BE-230	1095	2276	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2287	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2304	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2429	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2431	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2353	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2409	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	820	2438	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	870	2411	11.97	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	924	2388	NA	NA
AMD Athlon 64 X2 QL-60	925	2387	NA	NA
AMD Athlon 64 X2 QL-62	1005	2328	NA	NA
AMD Athlon 64 X2 QL-64	989	2342	NA	NA
AMD Athlon 64 X2 QL-65	1050	2302	NA	NA
AMD Athlon 64 X2 QL-66	947	2374	NA	NA
AMD Athlon 64 X2 QL-67	1006	2327	NA	NA
AMD Athlon 64 X2 TK-55	955	2366	NA	NA
AMD Athlon 64 X2 TK-57	988	2343	NA	NA
AMD Athlon 200GE	4952	967	83.96	\$58.99*
AMD Athlon 220GE	5242	912	80.66	\$64.99*
AMD Athlon 240GE	5490	872	68.89	\$79.70*
AMD Athlon 300GE	5517	868	NA	NA
AMD Athlon 300U	4634	1024	NA	NA
AMD Athlon 1500+	294	2837	NA	NA
AMD Athlon 1640B	670	2508	13.42	\$50.00*
AMD Athlon 2000+	390	2728	NA	NA

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AMD Athlon 2100+	412	2690	NA	NA
AMD Athlon 2200+	363	2757	4.55	\$79.99*
AMD Athlon 2400+	462	2640	NA	NA
AMD Athlon 2500+	374	2737	2.04	\$183.99*
AMD Athlon 2600+	444	2661	4.23	\$104.95*
AMD Athlon 2650e	407	2698	21.47	\$19.00*
AMD Athlon 2800+	447	2656	3.20	\$139.95*
AMD Athlon 2850e	506	2599	NA	NA
AMD Athlon 3000G	5410	882	NA	NA
AMD Athlon 3100+	485	2618	NA	NA
AMD Athlon 3200+	458	2644	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	2160	10.78	\$119.95*
AMD Athlon 5150 APU	2107	1756	13.18	\$159.95*
AMD Athlon 5200 Dual-Core	1266	2183	42.23	\$29.99*
AMD Athlon 5350 APU	2610	1560	23.73	\$109.99*
AMD Athlon 5370 APU	2915	1459	45.77	\$63.70*
AMD Athlon 7450 Dual-Core	1449	2083	NA	NA
AMD Athlon 7550 Dual-Core	1472	2072	24.54	\$60.00*
AMD Athlon 7750 Dual-Core	1571	2025	10.27	\$152.99*
AMD Athlon 7850 Dual-Core	1710	1948	8.16	\$209.65*
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AMD Athlon 7850 Dual-Core 2.8G	288	2848	NA	NA
AMD Athlon Dual Core 4050e	1086	2282	NA	NA
AMD Athlon Dual Core 4450B	1168	2237	37.68	\$31.00*
AMD Athlon Dual Core 4450e	1108	2268	NA	NA
AMD Athlon Dual Core 4850B	1391	2105	NA	NA
AMD Athlon Dual Core 4850e	1315	2146	33.74	\$39.00*
AMD Athlon Dual Core 5000B	1308	2150	13.77	\$95.00*
AMD Athlon Dual Core 5050e	1345	2132	22.43	\$60.00*
AMD Athlon Dual Core 5200B	1316	2145	NA	NA
AMD Athlon Dual Core 5400B	1420	2094	NA	NA
AMD Athlon Dual Core 5600B	1304	2153	NA	NA
AMD Athlon II 160u	563	2563	18.78	\$29.99*

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AMD Athlon II 170u	626	2529	20.92	\$29.95*
AMD Athlon II Dual-Core M300	1112	2265	NA	NA
AMD Athlon II Dual-Core M320	1141	2254	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2299	NA	NA
AMD Athlon II N330 Dual-Core	1154	2246	NA	NA
AMD Athlon II N350 Dual-Core	1249	2194	NA	NA
AMD Athlon II N370 Dual-Core	1559	2030	NA	NA
AMD Athlon II Neo K125	477	2626	NA	NA
AMD Athlon II Neo K145	525	2582	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2457	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2420	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2451	NA	NA
AMD Athlon II P320 Dual-Core	1216	2207	40.62	\$29.95*
AMD Athlon II P340 Dual-Core	1251	2193	27.83	\$44.95*
AMD Athlon II P360 Dual-Core	1318	2144	54.93	\$24.00*
AMD Athlon II X2 210e	1486	2066	NA	NA
AMD Athlon II X2 215	1566	2028	130.68	\$11.99*
AMD Athlon II X2 220	1634	1997	81.78	\$19.99*
AMD Athlon II X2 225	1526	2043	NA	NA
AMD Athlon II X2 235e	1657	1986	9.11	\$181.88*
AMD Athlon II X2 240	1643	1992	102.80	\$15.99*
AMD Athlon II X2 240e	1700	1957	48.64	\$34.95*
AMD Athlon II X2 245	1662	1983	47.57	\$34.95*
AMD Athlon II X2 245e	1714	1944	21.43	\$80.00*
AMD Athlon II X2 250	1739	1931	44.67	\$38.95*
AMD Athlon II X2 250e	1939	1833	25.28	\$76.73*
AMD Athlon II X2 250u	1004	2329	28.74	\$34.95*
AMD Athlon II X2 255	1842	1884	28.25	\$65.22*
AMD Athlon II X2 260	1878	1866	93.96	\$19.99*
AMD Athlon II X2 260u	1107	2271	13.28	\$83.44*
AMD Athlon II X2 265	1892	1858	22.84	\$82.88*
AMD Athlon II X2 270	1975	1812	82.34	\$23.99*
AMD Athlon II X2 270u	1285	2168	18.99	\$67.67*

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AMD Athlon II X2 280	2128	1747	21.29	\$99.99*
AMD Athlon II X2 4300e	1483	2069	NA	NA
AMD Athlon II X2 4400e	1632	1999	NA	NA
AMD Athlon II X2 4450e	1504	2057	NA	NA
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AMD Athlon II X2 B22	1715	1943	41.16	\$41.69*
AMD Athlon II X2 B24	1783	1912	44.64	\$39.95*
AMD Athlon II X2 B26	1906	1852	42.42	\$44.95*
AMD Athlon II X2 B28	2085	1766	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1799	18.70	\$107.43*
AMD Athlon II X3 405e	2000	1804	25.00	\$79.99*
AMD Athlon II X3 415e	2247	1701	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1681	19.68	\$116.15*
AMD Athlon II X3 425	2315	1667	85.78	\$26.99*
AMD Athlon II X3 425e	2239	1707	NA	NA
AMD Athlon II X3 435	2471	1615	82.41	\$29.99*
AMD Athlon II X3 440	2567	1577	95.13	\$26.99*
AMD Athlon II X3 445	2572	1575	28.27	\$91.00*
AMD Athlon II X3 450	2621	1557	68.97	\$38.01*
AMD Athlon II X3 455	2765	1513	70.92	\$38.99*
AMD Athlon II X3 460	2864	1481	73.46	\$38.99*
AMD Athlon II X4 553	3814	1197	NA	NA
AMD Athlon II X4 555	3830	1192	NA	NA
AMD Athlon II X4 559	4125	1134	NA	NA
AMD Athlon II X4 600e	2465	1618	18.93	\$130.23*
AMD Athlon II X4 605e	2716	1529	26.69	\$101.80*
AMD Athlon II X4 610e	2793	1501	39.92	\$69.99*
AMD Athlon II X4 615e	2899	1471	49.15	\$59.00*
AMD Athlon II X4 620	2928	1456	41.84	\$69.99*
AMD Athlon II X4 620e	2906	1464	NA	NA
AMD Athlon II X4 630	3130	1387	49.72	\$62.95*
AMD Athlon II X4 631 Quad-Core	3145	1384	39.32	\$80.00*
AMD Athlon II X4 635	3230	1351	46.19	\$69.95*

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AMD Athlon II X4 638 Quad-Core	3198	1361	120.73	\$26.49*
AMD Athlon II X4 640	3314	1327	41.46	\$79.95*
AMD Athlon II X4 641 Quad-Core	3343	1320	36.54	\$91.50*
AMD Athlon II X4 645	3465	1288	69.32	\$49.99*
AMD Athlon II X4 650	3482	1284	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3575	1259	20.08	\$178.04*
AMD Athlon II X4 655	2998	1430	NA	NA
AMD Athlon II X4 6400e	2594	1564	NA	NA
AMD Athlon L110	303	2818	NA	NA
AMD Athlon LE-1600	557	2565	26.57	\$21.00*
AMD Athlon LE-1620	578	2554	32.12	\$18.00*
AMD Athlon LE-1640	629	2527	NA	NA
AMD Athlon LE-1660	679	2505	NA	NA
AMD Athlon MP	230	2919	18.46	\$12.49*
AMD Athlon MP 1700+	339	2779	NA	NA
AMD Athlon MP 2400+	436	2670	NA	NA
AMD Athlon MP 2800+	497	2605	NA	NA
AMD Athlon Neo MV-40	410	2693	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2331	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2456	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2433	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon PRO 200GE	5163	923	NA	NA
AMD Athlon PRO 300GE	5554	862	NA	NA
AMD Athlon QI-46	473	2630	NA	NA
AMD Athlon TF-20	413	2689	NA	NA
AMD Athlon TF-36	395	2716	NA	NA
AMD Athlon X2 215	1543	2036	NA	NA
AMD Athlon X2 235e	1806	1901	NA	NA
AMD Athlon X2 240	1611	2008	NA	NA
AMD Athlon X2 240e	1670	1971	NA	NA
AMD Athlon X2 250	1696	1959	NA	NA
AMD Athlon X2 255	1627	2001	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 280	2303	1676	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1932	1837	38.66	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1700	NA	NA
AMD Athlon X2 440	1424	2093	NA	NA
AMD Athlon X2 Dual Core 3250e	778	2455	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2334	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2392	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2267	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2208	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2192	NA	NA
AMD Athlon X2 Dual Core L310	645	2518	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2325	NA	NA
AMD Athlon X3 425	2191	1726	NA	NA
AMD Athlon X3 435	2574	1574	26.96	\$95.49*
AMD Athlon X3 440	2078	1768	23.62	\$87.99*
AMD Athlon X3 445	2314	1668	NA	NA
AMD Athlon X3 455	2401	1638	NA	NA
AMD Athlon X4 605e	2505	1603	NA	NA
AMD Athlon X4 620	2861	1482	47.74	\$59.95*
AMD Athlon X4 635	2891	1474	23.71	\$121.99*
AMD Athlon X4 640	3172	1370	NA	NA
AMD Athlon X4 740 Quad Core	4033	1149	14.56	\$277.00*
AMD Athlon X4 750 Quad Core	4400	1079	NA	NA
AMD Athlon X4 750K Quad Core	4273	1104	55.51	\$76.99*
AMD Athlon X4 760K Quad Core	4599	1036	109.55	\$41.98*
AMD Athlon X4 830	4701	1012	NA	NA
AMD Athlon X4 840	5070	938	64.40	\$78.74*
AMD Athlon X4 845	5401	886	101.66	\$53.13*
AMD Athlon X4 860K	5410	883	40.09	\$134.95*
AMD Athlon X4 870K	5325	904	66.57	\$79.99*
AMD Athlon X4 880K	5574	858	55.75	\$99.99*
AMD Athlon X4 950	5232	913	52.35	\$99.95*
AMD Athlon XP1600+	281	2861	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP1900+	353	2766	NA	NA
AMD Athlon XP2100+	287	2850	NA	NA
AMD Athlon XP2200+	401	2708	NA	NA
AMD Athlon XP2400+	374	2738	NA	NA
AMD Athlon XP 1500	282	2860	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 1500+	257	2890	NA	NA
AMD Athlon XP 1600+	267	2880	NA	NA
AMD Athlon XP 1700	344	2776	NA	NA
AMD Athlon XP 1700+	271	2876	4.43	\$61.25*
AMD Athlon XP 1800+	300	2825	5.10	\$58.95*
AMD Athlon XP 1900+	312	2809	NA	NA
AMD Athlon XP 2000+	300	2826	12.01	\$24.99*
AMD Athlon XP 2100+	323	2793	NA	NA
AMD Athlon XP 2200+	328	2792	3.87	\$84.95*
AMD Athlon XP 2300+	464	2636	NA	NA
AMD Athlon XP 2400+	360	2759	4.01	\$89.99*
AMD Athlon XP 2500+	355	2763	NA	NA
AMD Athlon XP 2600+	372	2743	16.18	\$23.03*
AMD Athlon XP 2700+	393	2719	4.64	\$84.79*
AMD Athlon XP 2800+	400	2710	NA	NA
AMD Athlon XP 2900+	424	2683	NA	NA
AMD Athlon XP 3000+	402	2706	5.06	\$79.70*
AMD Athlon XP 3100+	433	2674	NA	NA
AMD Athlon XP 3200+	432	2675	NA	NA
AMD Athlon XP 3400+	570	2561	NA	NA
AMD Athlon XP Pro3+	367	2750	NA	NA
AMD Athlon XP-M	541	2574	15.48	\$34.95*
AMD C-30	310	2811	NA	NA
AMD C-50	462	2638	NA	NA
AMD C-60	466	2633	NA	NA
AMD C-60 APU	544	2569	NA	NA
AMD C-70 APU	558	2564	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E1 Micro-6200T APU	960	2363	NA	NA
AMD E1-1200 APU	654	2515	NA	NA
AMD E1-1500 APU	689	2500	NA	NA
AMD E1-2100 APU	642	2523	NA	NA
AMD E1-2200 APU	767	2459	NA	NA
AMD E1-2500 APU	895	2406	NA	NA
AMD E1-6010 APU	869	2412	NA	NA
AMD E1-6015 APU	900	2402	NA	NA
AMD E1-7010 APU	1018	2320	NA	NA
AMD E2-1800 APU	814	2439	NA	NA
AMD E2-2000 APU	825	2435	NA	NA
AMD E2-3000 APU	1140	2256	NA	NA
AMD E2-3000M APU	1092	2278	54.62	\$20.00*
AMD E2-3200 APU	1381	2110	172.96	\$7.99*
AMD E2-3800 APU	1645	1990	NA	NA
AMD E2-6110 APU	1919	1843	NA	NA
AMD E2-7110 APU	2291	1678	NA	NA
AMD E2-9000	1646	1989	NA	NA
AMD E2-9000e	1324	2142	NA	NA
AMD E2-9010	1629	2000	NA	NA
AMD E2-9030	1515	2051	NA	NA
AMD E-240	319	2799	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E-300 APU	609	2535	NA	NA
AMD E-350	744	2473	NA	NA
AMD E-350 APU	759	2465	NA	NA
AMD E-350D APU	726	2480	NA	NA
AMD E-450 APU	765	2460	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1764	1919	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1763	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2519	1595	NA	NA
AMD Embedded R-Series RX-216GD	2409	1636	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	939	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Embedded R-Series RX-421BD	4635	1023	NA	NA
AMD EPYC 3201	9634	432	NA	NA
AMD EPYC 3251	11690	300	37.11	\$315.00*
AMD EPYC 7251	11811	296	22.43	\$526.57*
AMD EPYC 7301	14978	192	21.89	\$684.28*
AMD EPYC 7302P	30626	14	NA	NA
AMD EPYC 7351	18081	121	24.26	\$745.37*
AMD EPYC 7351P	14887	194	15.71	\$947.33*
AMD EPYC 7371	22071	60	14.24	\$1,550.00*
AMD EPYC 7401P	20221	86	20.02	\$1,010.00*
AMD EPYC 7402P	28291	21	19.04	\$1,485.71*
AMD EPYC 7451	15760	174	6.65	\$2,371.65*
AMD EPYC 7452	38257	5	16.63	\$2,301.10*
AMD EPYC 7501	18942	108	7.43	\$2,548.67*
AMD EPYC 7502P	27437	26	11.93	\$2,300.00*
AMD EPYC 7551	18483	113	13.02	\$1,419.90*
AMD EPYC 7551P	18443	114	8.95	\$2,060.00*
AMD EPYC 7571	20858	79	NA	NA
AMD EPYC 7702P	46067	4	10.41	\$4,425.00*
AMD EPYC 7742	47365	2	6.82	\$6,950.00*
AMD FirePro A320 APU	4540	1048	NA	NA
AMD FX-670K Quad-Core	4550	1045	NA	NA
AMD FX-770K Quad-Core	4811	994	NA	NA
AMD FX-870K Quad Core	5021	953	NA	NA
AMD FX-4100 Quad-Core	4075	1142	26.56	\$153.45*
AMD FX-4130 Quad-Core	4162	1127	54.78	\$75.99*
AMD FX-4150 Quad-Core	4594	1037	NA	NA
AMD FX-4170 Quad-Core	4869	983	48.70	\$99.99*
AMD FX-4200 Quad-Core	4270	1106	18.71	\$228.21*
AMD FX-4300 Quad-Core	4697	1014	29.37	\$159.95*
AMD FX-4320	5011	958	NA	NA
AMD FX-4330	5328	902	NA	NA
AMD FX-4350 Quad-Core	5339	898	12.42	\$430.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-6100 Six-Core	5404	884	20.95	\$258.00*
AMD FX-6120 Six-Core	5754	836	NA	NA
AMD FX-6130 Six-Core	6215	779	NA	NA
AMD FX-6200 Six-Core	6108	790	17.97	\$339.95*
AMD FX-6300 Six-Core	6408	762	32.05	\$199.98*
AMD FX-6330 Six-Core	6954	705	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-6350 Six-Core	7022	698	48.44	\$144.99*
AMD FX-7500 APU	3203	1357	NA	NA
AMD FX-7600P	4050	1146	NA	NA
AMD FX-7600P APU	4627	1026	NA	NA
AMD FX-8100 Eight-Core	5884	814	41.44	\$142.00*
AMD FX-8120 Eight-Core	6643	740	29.83	\$222.73*
AMD FX-8140 Eight-Core	6133	787	NA	NA
AMD FX-8150 Eight-Core	7656	640	5.30	\$1,443.99*
AMD FX-8300 Eight-Core	7773	629	64.78	\$119.99*
AMD FX-8310 Eight-Core	7738	633	NA	NA
AMD FX-8320 Eight-Core	8037	594	58.24	\$138.01*
AMD FX-8320E Eight-Core	7577	649	19.68	\$385.00*
AMD FX-8350 Eight-Core	8957	503	32.46	\$275.95*
AMD FX-8370 Eight-Core	9047	491	36.19	\$250.00*
AMD FX-8370E Eight-Core	7865	615	24.57	\$320.09*
AMD FX-8800P	4197	1119	NA	NA
AMD FX-9370 Eight-Core	9463	446	17.05	\$555.00*
AMD FX-9590 Eight-Core	10193	376	22.16	\$459.95*
AMD FX-9800P	3961	1163	NA	NA
AMD FX-9830P	4787	999	NA	NA
AMD FX-B4150 Quad-Core	4611	1032	NA	NA
AMD G-T40E	467	2632	NA	NA
AMD G-T40N	516	2591	NA	NA
AMD G-T40R	203	2945	NA	NA
AMD G-T44R	229	2920	NA	NA
AMD G-T48E	667	2510	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T52R	308	2813	NA	NA
AMD G-T56E	751	2468	NA	NA
AMD G-T56N	796	2450	NA	NA
AMD Geode NX	264	2883	NA	NA
AMD Geode NX 1750	291	2839	NA	NA
AMD GX-210JA SOC	401	2709	NA	NA
AMD GX-212JC SOC	744	2474	NA	NA
AMD GX-217GA SOC	1107	2272	NA	NA
AMD GX-218GL SOC	1207	2212	NA	NA
AMD GX-222GC SOC	1255	2187	NA	NA
AMD GX-412HC	1497	2062	NA	NA
AMD GX-415GA SOC	1969	1818	NA	NA
AMD GX-420CA SOC	2412	1634	NA	NA
AMD GX-424CC SOC	2497	1606	NA	NA
AMD K7	403	2703	NA	NA
AMD Opteron 140	396	2714	0.62	\$640.00*
AMD Opteron 142	428	2679	NA	NA
AMD Opteron 144	486	2614	7.48	\$65.00*
AMD Opteron 146	532	2577	8.87	\$59.99*
AMD Opteron 148	603	2540	NA	NA
AMD Opteron 150	604	2538	NA	NA
AMD Opteron 152	658	2512	NA	NA
AMD Opteron 154	703	2493	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 165	899	2404	1.63	\$550.00*
AMD Opteron 170	1097	2274	NA	NA
AMD Opteron 175	1167	2238	NA	NA
AMD Opteron 180	1236	2198	9.51	\$129.95*
AMD Opteron 185	1342	2133	NA	NA
AMD Opteron 246	632	2526	31.62	\$19.99*
AMD Opteron 248	476	2627	4.77	\$99.95*
AMD Opteron 250	649	2516	59.01	\$11.00*
AMD Opteron 252	760	2464	12.00	\$63.36*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 254	693	2497	NA	NA
AMD Opteron 256	963	2357	50.72	\$19.00*
AMD Opteron 265	963	2358	13.20	\$73.00*
AMD Opteron 270	1170	2235	1.93	\$607.47*
AMD Opteron 275	1291	2162	15.74	\$82.05*
AMD Opteron 280	1176	2229	18.10	\$65.00*
AMD Opteron 285	1470	2074	18.39	\$79.95*
AMD Opteron 290	1464	2076	10.85	\$135.00*
AMD Opteron 1210	923	2389	14.21	\$65.00*
AMD Opteron 1210 HE	971	2352	NA	NA
AMD Opteron 1212	1009	2326	3.48	\$290.00*
AMD Opteron 1212 HE	1308	2151	NA	NA
AMD Opteron 1214	1191	2220	4.11	\$290.00*
AMD Opteron 1214 HE	1299	2155	NA	NA
AMD Opteron 1216	1311	2149	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2234	NA	NA
AMD Opteron 1218	1468	2075	NA	NA
AMD Opteron 1218 HE	1444	2084	NA	NA
AMD Opteron 1220	1661	1984	NA	NA
AMD Opteron 1222	1757	1922	NA	NA
AMD Opteron 1352	2316	1666	17.04	\$135.99*
AMD Opteron 1354	2630	1553	19.49	\$135.00*
AMD Opteron 1356	2765	1512	30.73	\$89.99*
AMD Opteron 1381	3065	1411	NA	NA
AMD Opteron 2212	1270	2181	63.53	\$20.00*
AMD Opteron 2214	1358	2127	46.85	\$29.00*
AMD Opteron 2214 HE	1415	2096	NA	NA
AMD Opteron 2216	1518	2049	58.84	\$25.80*
AMD Opteron 2218	1594	2018	19.94	\$79.95*
AMD Opteron 2220	1701	1955	21.29	\$79.95*
AMD Opteron 2220 SE	1398	2102	55.92	\$25.00*
AMD Opteron 2222	1843	1883	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1844	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2350	2820	1494	35.28	\$79.95*
AMD Opteron 2354	2450	1623	7.38	\$332.03*
AMD Opteron 2356	2814	1495	54.12	\$52.00*
AMD Opteron 2373 EE	2789	1505	NA	NA
AMD Opteron 2374 HE	2951	1445	45.40	\$65.00*
AMD Opteron 2376	2283	1683	13.69	\$166.81*
AMD Opteron 2378	3179	1366	17.76	\$179.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2380	2640	1551	58.69	\$45.00*
AMD Opteron 2384	3538	1264	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1265	NA	NA
AMD Opteron 2393 SE	2246	1703	NA	NA
AMD Opteron 2427	3069	1409	47.22	\$65.00*
AMD Opteron 2431	4516	1052	112.91	\$40.00*
AMD Opteron 2435	4708	1011	72.44	\$65.00*
AMD Opteron 3250 HE	2942	1449	29.73	\$99.00*
AMD Opteron 3260 HE	3259	1340	NA	NA
AMD Opteron 3280	5533	866	20.26	\$273.18*
AMD Opteron 3320 EE	2675	1540	NA	NA
AMD Opteron 3350 HE	4186	1122	NA	NA
AMD Opteron 3365	6088	798	NA	NA
AMD Opteron 3380	6384	764	7.89	\$809.00*
AMD Opteron 4122	2942	1450	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1373	NA	NA
AMD Opteron 4170 HE	3664	1240	62.11	\$59.00*
AMD Opteron 4184	4418	1075	8.50	\$519.95*
AMD Opteron 4280	6430	759	128.60	\$50.00*
AMD Opteron 4284	6660	738	111.03	\$59.99*
AMD Opteron 4332 HE	5614	851	NA	NA
AMD Opteron 4334	6099	794	28.18	\$216.42*
AMD Opteron 4365 EE	5025	952	NA	NA
AMD Opteron 4386	6761	724	48.30	\$139.99*
AMD Opteron 6128	4505	1055	237.24	\$18.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6134	2938	1451	66.81	\$43.99*
AMD Opteron 6136	4631	1025	42.10	\$110.00*
AMD Opteron 6164 HE	5351	896	NA	NA
AMD Opteron 6172	5261	908	26.57	\$198.00*
AMD Opteron 6174	6171	782	94.94	\$65.00*
AMD Opteron 6176 SE	5465	878	34.37	\$159.00*
AMD Opteron 6212	5776	829	192.62	\$29.99*
AMD Opteron 6220	6785	721	113.11	\$59.99*
AMD Opteron 6234	5938	810	198.27	\$29.95*
AMD Opteron 6238	7673	639	21.32	\$359.89*
AMD Opteron 6272	6748	727	96.42	\$69.99*
AMD Opteron 6274	4865	985	108.15	\$44.99*
AMD Opteron 6276	8889	511	52.60	\$169.00*
AMD Opteron 6282 SE	9116	481	14.24	\$640.00*
AMD Opteron 6287 SE	9789	418	NA	NA
AMD Opteron 6328	7813	623	21.76	\$359.00*
AMD Opteron 6344	9372	456	24.09	\$389.00*
AMD Opteron 6366 HE	7503	652	250.19	\$29.99*
AMD Opteron 6376	9212	474	141.72	\$65.00*
AMD Opteron 6378	9094	482	47.87	\$190.00*
AMD Opteron 6380	10081	384	170.88	\$59.00*
AMD Opteron 6386 SE	10912	330	75.26	\$144.99*
AMD Opteron 8354	2255	1698	93.98	\$24.00*
AMD Opteron 8439 SE	3813	1198	63.56	\$60.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron X2170 APU	3059	1413	NA	NA
AMD Opteron X3216 APU	2292	1677	NA	NA
AMD Opteron X3418 APU	4538	1049	NA	NA
AMD Opteron X3421 APU	4886	980	NA	NA
AMD Phenom 2 X4 12000	3005	1427	NA	NA
AMD Phenom 7950 Quad-Core	2991	1432	NA	NA
AMD Phenom 8250 Triple-Core	1668	1975	NA	NA
AMD Phenom 8250e Triple-Core	1635	1996	34.81	\$46.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8400 Triple-Core	1632	1998	NA	NA
AMD Phenom 8450 Triple-Core	1888	1862	63.07	\$29.95*
AMD Phenom 8450e Triple-Core	2026	1792	NA	NA
AMD Phenom 8600 Triple-Core	1673	1969	31.57	\$52.99*
AMD Phenom 8600B Triple-Core	1924	1842	36.33	\$52.99*
AMD Phenom 8650 Triple-Core	1986	1807	39.73	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1783	NA	NA
AMD Phenom 8750B Triple-Core	2034	1788	NA	NA
AMD Phenom 8850 Triple-Core	1968	1819	NA	NA
AMD Phenom 8850B Triple-Core	2080	1767	NA	NA
AMD Phenom 9100e Quad-Core	1833	1891	45.89	\$39.95*
AMD Phenom 9150e Quad-Core	2112	1753	52.87	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1664	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1562	24.76	\$105.00*
AMD Phenom 9500 Quad-Core	2203	1721	76.01	\$28.99*
AMD Phenom 9550 Quad-Core	2544	1587	87.78	\$28.99*
AMD Phenom 9600 Quad-Core	2303	1675	46.12	\$49.95*
AMD Phenom 9600B Quad-Core	2575	1573	17.50	\$147.19*
AMD Phenom 9650 Quad-Core	2633	1552	58.59	\$44.95*
AMD Phenom 9750 Quad-Core	2811	1497	95.33	\$29.49*
AMD Phenom 9750B Quad-Core	2709	1532	NA	NA
AMD Phenom 9850 Quad-Core	2886	1476	24.06	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1377	NA	NA
AMD Phenom 9950 Quad-Core	3010	1424	22.30	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1596	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1447	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1245	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1282	NA	NA
AMD Phenom II N620 Dual-Core	1686	1964	422.70	\$3.99*
AMD Phenom II N640 Dual-Core	1718	1940	26.46	\$64.95*
AMD Phenom II N660 Dual-Core	1844	1882	18.64	\$99.00*
AMD Phenom II N830 3+1	2652	1546	NA	NA
AMD Phenom II N830 Triple-Core	1890	1861	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II N850 Triple-Core	1934	1835	77.38	\$25.00*
AMD Phenom II N870 Triple-Core	2000	1803	NA	NA
AMD Phenom II N930 Quad-Core	2274	1687	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2483	1612	22.06	\$112.60*
AMD Phenom II N970 Quad-Core	2515	1598	16.77	\$149.99*
AMD Phenom II P650 Dual-Core	1579	2022	45.12	\$35.00*
AMD Phenom II P820 Triple-Core	1602	2014	NA	NA
AMD Phenom II P840 Triple-Core	1713	1946	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II P860 Triple-Core	1756	1923	NA	NA
AMD Phenom II P920 Quad-Core	1872	1869	24.96	\$75.00*
AMD Phenom II P940 Quad-Core	1831	1892	NA	NA
AMD Phenom II P960 Quad-Core	2086	1764	74.51	\$28.00*
AMD Phenom II X2 511	2104	1757	NA	NA
AMD Phenom II X2 521	2071	1771	NA	NA
AMD Phenom II X2 545	1918	1846	43.62	\$43.98*
AMD Phenom II X2 550	2023	1794	40.47	\$49.99*
AMD Phenom II X2 555	2043	1785	73.02	\$27.98*
AMD Phenom II X2 560	2062	1778	31.74	\$64.99*
AMD Phenom II X2 565	2225	1713	10.60	\$209.95*
AMD Phenom II X2 570	2068	1774	NA	NA
AMD Phenom II X2 B53	1709	1950	NA	NA
AMD Phenom II X2 B55	1926	1841	40.17	\$47.95*
AMD Phenom II X2 B57	1823	1896	NA	NA
AMD Phenom II X2 B59	2124	1750	48.25	\$44.04*
AMD Phenom II X3 700e	2242	1705	NA	NA
AMD Phenom II X3 705e	2209	1719	14.50	\$152.34*
AMD Phenom II X3 710	2448	1624	28.97	\$84.53*
AMD Phenom II X3 715	2649	1550	31.17	\$84.99*
AMD Phenom II X3 720	2666	1542	38.10	\$69.99*
AMD Phenom II X3 740	2985	1433	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1524	36.47	\$75.00*
AMD Phenom II X3 B75	2897	1472	72.45	\$39.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 B77	3067	1410	137.64	\$22.29*
AMD Phenom II X4 805	2998	1429	17.23	\$173.99*
AMD Phenom II X4 810	3120	1391	26.90	\$115.99*
AMD Phenom II X4 820	3393	1305	45.28	\$74.95*
AMD Phenom II X4 830	3434	1295	42.95	\$79.95*
AMD Phenom II X4 840	3508	1278	39.01	\$89.95*
AMD Phenom II X4 840T	3596	1252	51.39	\$69.99*
AMD Phenom II X4 850	3547	1261	54.59	\$64.99*
AMD Phenom II X4 900e	2882	1479	NA	NA
AMD Phenom II X4 905e	3080	1405	57.06	\$53.99*
AMD Phenom II X4 910	3247	1345	32.48	\$100.00*
AMD Phenom II X4 910e	3254	1343	20.73	\$156.99*
AMD Phenom II X4 920	3389	1306	42.38	\$79.99*
AMD Phenom II X4 925	3411	1299	77.56	\$43.99*
AMD Phenom II X4 940	3587	1256	60.45	\$59.34*
AMD Phenom II X4 945	3652	1242	53.62	\$68.11*
AMD Phenom II X4 955	3916	1180	30.09	\$130.16*
AMD Phenom II X4 960T	3772	1205	8.04	\$469.00*
AMD Phenom II X4 965	4176	1125	49.71	\$84.01*
AMD Phenom II X4 970	4313	1100	29.12	\$148.11*
AMD Phenom II X4 973	3759	1211	NA	NA
AMD Phenom II X4 975	4448	1068	31.85	\$139.69*
AMD Phenom II X4 977	3750	1216	NA	NA
AMD Phenom II X4 980	4488	1061	19.52	\$229.99*
AMD Phenom II X4 8700e	2377	1649	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 B05e	2792	1503	NA	NA
AMD Phenom II X4 B15e	2736	1523	NA	NA
AMD Phenom II X4 B25	3297	1332	NA	NA
AMD Phenom II X4 B35	3387	1308	NA	NA
AMD Phenom II X4 B40	3352	1315	NA	NA
AMD Phenom II X4 B45	3470	1287	NA	NA
AMD Phenom II X4 B50	3696	1231	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 B55	3854	1186	NA	NA
AMD Phenom II X4 B60	4032	1150	NA	NA
AMD Phenom II X4 B65	4172	1126	NA	NA
AMD Phenom II X4 B70	4261	1108	NA	NA
AMD Phenom II X4 B93	3345	1317	NA	NA
AMD Phenom II X4 B95	3676	1234	50.40	\$72.95*
AMD Phenom II X4 B97	3866	1182	67.85	\$56.99*
AMD Phenom II X4 B99	4126	1133	NA	NA
AMD Phenom II X6 1035T	4664	1017	24.68	\$189.00*
AMD Phenom II X6 1045T	4793	998	44.38	\$108.01*
AMD Phenom II X6 1055T	4964	965	45.53	\$109.05*
AMD Phenom II X6 1065T	5028	951	NA	NA
AMD Phenom II X6 1075T	5325	903	47.13	\$112.99*
AMD Phenom II X6 1090T	5557	861	36.08	\$154.04*
AMD Phenom II X6 1100T	5706	841	32.15	\$177.49*
AMD Phenom II X6 1405T	5042	948	NA	NA
AMD Phenom II X620 Dual-Core	2189	1727	NA	NA
AMD Phenom II X640 Dual-Core	2021	1795	NA	NA
AMD Phenom II X920 Quad-Core	2650	1548	NA	NA
AMD Phenom II X940 Quad-Core	2695	1534	NA	NA
AMD Phenom Ultra X4 24500	3945	1170	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1958	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1720	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1925	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2227	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	2086	NA	NA
AMD Phenom X3 8550	1931	1839	11.36	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1920	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1805	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1709	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1473	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1530	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1536	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X4 Quad-Core GS-5560	1211	2209	NA	NA
AMD PRO A4-3350B APU	2274	1688	NA	NA
AMD PRO A4-4350B	1502	2061	NA	NA
AMD PRO A4-8350B	2776	1509	NA	NA
AMD PRO A6-7350B	2759	1516	NA	NA
AMD PRO A6-8500B	2516	1597	NA	NA
AMD PRO A6-8530B	2388	1645	NA	NA
AMD PRO A6-8550B	2970	1440	NA	NA
AMD PRO A6-8570	3088	1402	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A6-8570E	2824	1492	NA	NA
AMD PRO A6-9500	2950	1446	39.88	\$74.00*
AMD PRO A6-9500B	2076	1769	NA	NA
AMD PRO A6-9500E	2717	1528	36.73	\$74.00*
AMD PRO A8-8600B	3518	1275	NA	NA
AMD PRO A8-8650B	5223	915	NA	NA
AMD PRO A8-8670E	5015	956	NA	NA
AMD PRO A8-9600	5277	906	44.35	\$119.00*
AMD PRO A8-9600B	3964	1161	NA	NA
AMD PRO A10-8700B	3530	1268	NA	NA
AMD PRO A10-8730B	3953	1165	NA	NA
AMD PRO A10-8750B	5473	875	NA	NA
AMD PRO A10-8770	5707	839	NA	NA
AMD PRO A10-8770E	5035	949	NA	NA
AMD PRO A10-8850B	5852	818	NA	NA
AMD PRO A10-9700	5599	854	33.13	\$169.00*
AMD PRO A10-9700B	4380	1082	NA	NA
AMD PRO A10-9700E	5066	940	36.45	\$139.00*
AMD PRO A12-8800B	4111	1136	NA	NA
AMD PRO A12-8830B	4233	1112	NA	NA
AMD PRO A12-8870	6067	801	NA	NA
AMD PRO A12-8870E	5186	921	NA	NA
AMD PRO A12-9800	6132	788	36.29	\$169.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A12-9800B	4095	1140	NA	NA
AMD PRO A12-9800E	4769	1002	28.22	\$169.00*
AMD QC-4000	1663	1982	NA	NA
AMD R-260H APU	1576	2023	NA	NA
AMD R-272F APU	2007	1800	NA	NA
AMD R-460L APU	1954	1825	NA	NA
AMD R-464L APU	3117	1393	NA	NA
AMD RX-427BB	4364	1086	NA	NA
AMD Ryzen 3 1200	6797	719	94.93	\$71.60*
AMD Ryzen 3 1300X	7563	650	45.15	\$167.52*
AMD Ryzen 3 2200G	7334	671	94.06	\$77.98*
AMD Ryzen 3 2200GE	6909	712	NA	NA
AMD Ryzen 3 2200U	4578	1041	NA	NA
AMD Ryzen 3 2300U	6118	789	NA	NA
AMD Ryzen 3 2300X	8325	567	NA	NA
AMD Ryzen 3 3200G	7888	612	84.84	\$92.98*
AMD Ryzen 3 3200U	4622	1028	NA	NA
AMD Ryzen 3 3300U	6143	786	NA	NA
AMD Ryzen 3 PRO 1200	7075	694	NA	NA
AMD Ryzen 3 PRO 1300	7994	601	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	932	NA	NA
AMD Ryzen 3 PRO 2200G	8040	593	NA	NA
AMD Ryzen 3 PRO 2200GE	7500	653	NA	NA
AMD Ryzen 3 PRO 2300U	7063	696	NA	NA
AMD Ryzen 3 PRO 3200G	8528	544	NA	NA
AMD Ryzen 3 PRO 3200GE	8298	569	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 3 PRO 3300U	6844	715	NA	NA
AMD Ryzen 5 1400	8374	562	57.76	\$144.99*
AMD Ryzen 5 1500X	10113	382	69.09	\$146.38*
AMD Ryzen 5 1600	12289	282	129.37	\$95.00*
AMD Ryzen 5 1600X	13203	248	89.83	\$146.99*
AMD Ryzen 5 2400G	9326	461	71.75	\$129.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 2400GE	9044	492	NA	NA
AMD Ryzen 5 2500U	7349	669	NA	NA
AMD Ryzen 5 2500X	9704	427	NA	NA
AMD Ryzen 5 2600	13512	241	114.53	\$117.98*
AMD Ryzen 5 2600H	8366	563	NA	NA
AMD Ryzen 5 2600X	14358	209	114.87	\$125.00*
AMD Ryzen 5 3400G	9983	396	67.50	\$147.90*
AMD Ryzen 5 3500	14692	198	NA	NA
AMD Ryzen 5 3500U	7837	619	NA	NA
AMD Ryzen 5 3500X	16110	158	NA	NA
AMD Ryzen 5 3550H	8406	560	NA	NA
AMD Ryzen 5 3580U	8115	586	NA	NA
AMD Ryzen 5 3600	19861	91	104.54	\$189.99*
AMD Ryzen 5 3600X	20495	80	102.48	\$199.99*
AMD Ryzen 5 PRO 1500	10133	379	NA	NA
AMD Ryzen 5 PRO 1600	12213	286	NA	NA
AMD Ryzen 5 PRO 2400G	9984	395	NA	NA
AMD Ryzen 5 PRO 2400GE	8429	558	NA	NA
AMD Ryzen 5 PRO 2500U	8198	578	NA	NA
AMD Ryzen 5 PRO 2600	14221	212	NA	NA
AMD Ryzen 5 PRO 3400G	10833	336	NA	NA
AMD Ryzen 5 PRO 3400GE	10571	352	NA	NA
AMD Ryzen 5 PRO 3500U	8438	556	NA	NA
AMD Ryzen 5 PRO 3600	21586	67	NA	NA
AMD Ryzen 7 1700	13933	220	46.45	\$299.98*
AMD Ryzen 7 1700X	14808	197	84.63	\$174.99*
AMD Ryzen 7 1800X	15546	177	55.52	\$279.99*
AMD Ryzen 7 2700	15064	189	100.44	\$149.99*
AMD Ryzen 7 2700E	13410	245	NA	NA
AMD Ryzen 7 2700U	7406	666	NA	NA
AMD Ryzen 7 2700X	16949	135	106.60	\$159.00*
AMD Ryzen 7 2800H	8498	549	NA	NA
AMD Ryzen 7 3700U	7996	600	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 3700X	23854	50	76.96	\$309.97*
AMD Ryzen 7 3750H	8874	514	NA	NA
AMD Ryzen 7 3780U	7870	614	NA	NA
AMD Ryzen 7 3800X	24538	44	72.39	\$339.00*
AMD Ryzen 7 PRO 1700	14112	216	NA	NA
AMD Ryzen 7 PRO 1700X	15324	183	NA	NA
AMD Ryzen 7 PRO 2700	15399	182	NA	NA
AMD Ryzen 7 PRO 2700U	8877	513	NA	NA
AMD Ryzen 7 PRO 2700X	17161	132	NA	NA
AMD Ryzen 7 PRO 3700	26231	29	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 PRO 3700U	8547	542	NA	NA
AMD Ryzen 9 3900	30628	13	NA	NA
AMD Ryzen 9 3900X	31930	10	64.66	\$493.84*
AMD Ryzen 9 3950X	36088	6	30.10	\$1,199.00*
AMD Ryzen 9 PRO 3900	32899	8	NA	NA
AMD Ryzen Embedded R1505G	4578	1040	NA	NA
AMD Ryzen Embedded V1202B	4447	1069	NA	NA
AMD Ryzen Embedded V1605B	7124	690	NA	NA
AMD Ryzen Embedded V1756B	8559	541	NA	NA
AMD Ryzen Embedded V1807B	8528	546	NA	NA
AMD Ryzen Threadripper 1900X	16108	159	100.68	\$159.99*
AMD Ryzen Threadripper 1920X	20096	88	95.70	\$209.99*
AMD Ryzen Threadripper 1950X	21945	63	44.79	\$489.99*
AMD Ryzen Threadripper 2920X	22058	61	46.18	\$477.67*
AMD Ryzen Threadripper 2950X	25286	38	37.19	\$679.99*
AMD Ryzen Threadripper 2970WX	22043	62	23.45	\$939.99*
AMD Ryzen Threadripper 2990WX	23186	54	13.28	\$1,746.20*
AMD Ryzen Threadripper 2990X	19227	106	NA	NA
AMD Ryzen Threadripper 3960X	47346	3	33.84	\$1,399.00*
AMD Ryzen Threadripper 3970X	48493	1	24.26	\$1,999.00*
AMD Sempron 130	700	2494	28.03	\$24.99*
AMD Sempron 140	739	2476	18.68	\$39.59*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 145	807	2447	47.56	\$16.98*
AMD Sempron 150	747	2470	16.64	\$44.95*
AMD Sempron 200U	267	2879	3.08	\$87.00*
AMD Sempron 210U	391	2725	NA	NA
AMD Sempron 240	2110	1754	36.39	\$58.00*
AMD Sempron 2100+	392	2723	NA	NA
AMD Sempron 2200+	282	2858	9.42	\$29.99*
AMD Sempron 2300+	318	2800	7.07	\$45.00*
AMD Sempron 2400+	314	2807	12.10	\$26.00*
AMD Sempron 2500+	335	2782	9.61	\$34.95*
AMD Sempron 2600+	374	2740	10.71	\$34.95*
AMD Sempron 2650 APU	951	2369	19.36	\$49.14*
AMD Sempron 2800+	383	2730	6.40	\$59.95*
AMD Sempron 3000+	408	2697	8.17	\$49.95*
AMD Sempron 3100+	452	2650	7.53	\$60.00*
AMD Sempron 3200+	406	2699	3.10	\$131.22*
AMD Sempron 3300+	484	2620	8.07	\$60.00*
AMD Sempron 3400+	454	2648	15.21	\$29.89*
AMD Sempron 3500+	379	2733	18.98	\$20.00*
AMD Sempron 3600+	483	2622	40.30	\$12.00*
AMD Sempron 3800+	554	2566	3.62	\$152.92*
AMD Sempron 3850 APU	1718	1941	23.67	\$72.60*
AMD Sempron Dual Core 2100	936	2381	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2337	NA	NA
AMD Sempron Dual Core 2300	982	2344	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2372	NA	NA
AMD Sempron Dual Core 4900	1081	2289	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron LE-250	490	2609	NA	NA
AMD Sempron LE-1100	437	2668	NA	NA
AMD Sempron LE-1150	444	2660	NA	NA
AMD Sempron LE-1200	531	2579	NA	NA
AMD Sempron LE-1250	543	2571	5.44	\$99.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron LE-1300	595	2543	28.37	\$21.00*
AMD Sempron LE-1600	535	2576	NA	NA
AMD Sempron LE-1620	635	2524	NA	NA
AMD Sempron LE-1640	759	2466	NA	NA
AMD Sempron M100	566	2562	47.17	\$12.00*
AMD Sempron M120	582	2551	NA	NA
AMD Sempron SI-40	447	2657	37.27	\$12.00*
AMD Sempron SI-42	455	2647	15.19	\$30.01*
AMD Sempron X2 180	1391	2104	20.05	\$69.40*
AMD Sempron X2 190	1534	2041	18.39	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	2097	NA	NA
AMD Turion 64 Mobile MK-36	465	2635	NA	NA
AMD Turion 64 Mobile MK-38	513	2592	NA	NA
AMD Turion 64 Mobile ML-28	390	2727	NA	NA
AMD Turion 64 Mobile ML-30	402	2707	NA	NA
AMD Turion 64 Mobile ML-32	402	2705	NA	NA
AMD Turion 64 Mobile ML-34	425	2682	NA	NA
AMD Turion 64 Mobile ML-37	446	2658	2.27	\$196.50*
AMD Turion 64 Mobile ML-40	522	2586	NA	NA
AMD Turion 64 Mobile ML-42	615	2533	NA	NA
AMD Turion 64 Mobile ML-44	591	2544	NA	NA
AMD Turion 64 Mobile MT-28	419	2685	NA	NA
AMD Turion 64 Mobile MT-30	378	2734	NA	NA
AMD Turion 64 Mobile MT-32	426	2681	NA	NA
AMD Turion 64 Mobile MT-34	429	2677	NA	NA
AMD Turion 64 Mobile MT-37	484	2619	NA	NA
AMD Turion 64 Mobile MT-40	536	2575	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2472	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2461	NA	NA
AMD Turion 64 X2 Mobile TL-56	891	2407	63.89	\$13.95*
AMD Turion 64 X2 Mobile TL-58	947	2376	NA	NA
AMD Turion 64 X2 Mobile TL-60	998	2333	62.61	\$15.95*
AMD Turion 64 X2 Mobile TL-62	1092	2279	3.51	\$311.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 X2 Mobile TL-64	1090	2280	27.69	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2253	3.02	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2240	12.92	\$90.00*
AMD Turion Dual-Core RM-70	912	2397	36.49	\$25.00*
AMD Turion Dual-Core RM-72	860	2416	21.52	\$39.99*
AMD Turion Dual-Core RM-74	1016	2323	NA	NA
AMD Turion Dual-Core RM-75	1019	2319	37.11	\$27.46*
AMD Turion II Dual-Core Mobile M500	1293	2159	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2152	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	2136	NA	NA
AMD Turion II N530 Dual-Core	1567	2027	52.24	\$30.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II N550 Dual-Core	1521	2044	NA	NA
AMD Turion II Neo K625 Dual-Core	977	2348	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2224	NA	NA
AMD Turion II Neo N40L Dual-Core	930	2384	NA	NA
AMD Turion II Neo N54L Dual-Core	1363	2121	NA	NA
AMD Turion II P520 Dual-Core	1360	2124	NA	NA
AMD Turion II P540 Dual-Core	1432	2089	28.67	\$49.95*
AMD Turion II P560 Dual-Core	1513	2053	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	2099	52.55	\$26.76*
AMD Turion II Ultra Dual-Core Mobile M620	1435	2087	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1670	1970	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	2042	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2443	NA	NA
AMD Turion X2 Dual Core L510	923	2390	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2418	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2297	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	994	2341	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1084	2284	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1064	2294	43.52	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1120	2258	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2249	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1023	2315	16.51	\$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2286	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2211	63.72	\$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2199	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1295	2158	23.56	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1205	2215	30.18	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2336	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2312	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	2079	NA	NA
AMD V105	299	2827	NA	NA
AMD V120	623	2531	NA	NA
AMD V140	643	2521	12.89	\$49.95*
AMD V160	677	2506	NA	NA
AMD Z-01	523	2585	NA	NA
AMD Z-60 APU	500	2602	NA	NA
AMD-K6 3D	90	3003	NA	NA
AMD-K6-III	108	3000	NA	NA
AMD-K7	403	2704	NA	NA
Athlon 64 Dual Core 3800+	1234	2200	NA	NA
Athlon 64 Dual Core 4200+	1156	2245	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	2117	NA	NA
Athlon 64 Dual Core 5000+	1507	2055	NA	NA
Athlon 64 Dual Core 5400+	1614	2007	NA	NA
Athlon 64 Dual Core 5600+	1548	2034	NA	NA
Athlon Dual Core 4050e	968	2354	NA	NA
Athlon Dual Core 4450e	1204	2216	NA	NA
Athlon Dual Core 4850e	1346	2131	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1486	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Celeron Dual-Core T3000 @ 1.80GHz	1085	2283	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1174	2230	27.97	\$42.00*
Celeron Dual-Core T3300 @ 2.00GHz	1200	2218	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1273	2178	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Dual-Core AMD Opteron 1220 SE	1206	2213	NA	NA
HP Hexa-Core 2.0GHz	2178	1728	4.32	\$504.27*
Intel 2.80GHz	525	2583	NA	NA
Intel 1300 @ 1.66GHz	857	2419	NA	NA
Intel 1400 @ 1.83GHz	980	2346	NA	NA
Intel 1500 @ 2.00GHz	1024	2313	NA	NA
Intel Atom 230 @ 1.60GHz	307	2814	NA	NA
Intel Atom 330 @ 1.60GHz	586	2548	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2405	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2362	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1765	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2141	1741	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1731	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3768	1207	16.24	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1318	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1376	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1620	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1589	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	989	14.62	\$332.00*
Intel Atom C3958 @ 2.00GHz	6586	745	14.67	\$449.00*
Intel Atom D410 @ 1.66GHz	301	2823	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2775	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	658	2514	6.78	\$97.16*
Intel Atom D525 @ 1.80GHz	706	2489	NA	NA
Intel Atom D2500 @ 1.86GHz	408	2695	NA	NA
Intel Atom D2550 @ 1.86GHz	681	2504	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2486	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2428	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2483	NA	NA
Intel Atom E660 @ 1.30GHz	271	2874	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2772	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2789	1.58	\$209.99*
Intel Atom E3825 @ 1.33GHz	579	2553	8.24	\$70.32*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom E3826 @ 1.46GHz	489	2610	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2424	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2241	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	2058	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1870	NA	NA
Intel Atom E3950 @ 1.60GHz	1864	1873	NA	NA
Intel Atom K510 @ 1.66GHz	658	2513	NA	NA
Intel Atom N270 @ 1.60GHz	269	2878	NA	NA
Intel Atom N280 @ 1.66GHz	282	2859	NA	NA
Intel Atom N435 @ 1.33GHz	261	2886	NA	NA
Intel Atom N450 @ 1.66GHz	296	2833	NA	NA
Intel Atom N455 @ 1.66GHz	283	2855	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N470 @ 1.83GHz	332	2788	NA	NA
Intel Atom N475 @ 1.83GHz	314	2805	NA	NA
Intel Atom N550 @ 1.50GHz	524	2584	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	574	2558	6.68	\$86.00*
Intel Atom N2100 @ 1.60GHz	302	2819	NA	NA
Intel Atom N2600 @ 1.60GHz	527	2581	NA	NA
Intel Atom N2800 @ 1.86GHz	625	2530	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2393	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1786	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2444	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1568	2026	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1191	2221	8.96	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1029	2310	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1276	2175	60.79	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1695	1960	27.09	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1835	1888	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1892	1859	25.70	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1894	1856	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2954	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2929	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z520 @ 1.33GHz	217	2930	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2863	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2769	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2731	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2910	NA	NA
Intel Atom Z2760 @ 1.80GHz	570	2560	NA	NA
Intel Atom Z3735D @ 1.33GHz	937	2380	NA	NA
Intel Atom Z3735E @ 1.33GHz	948	2373	8.10	\$117.00*
Intel Atom Z3735F @ 1.33GHz	914	2394	5.04	\$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2401	NA	NA
Intel Atom Z3736F @ 1.33GHz	912	2396	NA	NA
Intel Atom Z3740 @ 1.33GHz	1068	2293	NA	NA
Intel Atom Z3740D @ 1.33GHz	1011	2324	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2291	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1018	2322	NA	NA
Intel Atom Z3770 @ 1.46GHz	1252	2190	8.38	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2448	NA	NA
Intel Atom Z3775 @ 1.46GHz	1276	2176	36.46	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2172	NA	NA
Intel Atom Z3795 @ 1.60GHz	1799	1904	NA	NA
Intel Celeron 1.70GHz	130	2993	NA	NA
Intel Celeron 1.80GHz	136	2990	NA	NA
Intel Celeron 2.00GHz	182	2966	NA	NA
Intel Celeron 2.10GHz	244	2908	NA	NA
Intel Celeron 2.13GHz	208	2940	NA	NA
Intel Celeron 2.20GHz	213	2935	NA	NA
Intel Celeron 2.26GHz	223	2925	NA	NA
Intel Celeron 2.30GHz	227	2922	NA	NA
Intel Celeron 2.40GHz	217	2931	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.50GHz	247	2902	NA	NA
Intel Celeron 2.53GHz	245	2906	NA	NA
Intel Celeron 2.60GHz	238	2912	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.66GHz	249	2900	NA	NA
Intel Celeron 2.70GHz	245	2907	NA	NA
Intel Celeron 2.80GHz	254	2892	NA	NA
Intel Celeron 2.93GHz	283	2854	NA	NA
Intel Celeron 3.06GHz	284	2852	NA	NA
Intel Celeron 3.20GHz	288	2844	NA	NA
Intel Celeron 3.33GHz	333	2786	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2795	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2797	NA	NA
Intel Celeron 420 @ 1.60GHz	451	2651	11.29	\$39.99*
Intel Celeron 430 @ 1.80GHz	487	2611	10.33	\$47.18*
Intel Celeron 440 @ 2.00GHz	544	2568	32.04	\$16.99*
Intel Celeron 450 @ 2.20GHz	626	2528	20.90	\$29.99*
Intel Celeron 530 @ 1.73GHz	474	2629	20.62	\$22.99*
Intel Celeron 540 @ 1.86GHz	521	2587	NA	NA
Intel Celeron 550 @ 2.00GHz	519	2588	7.99	\$64.95*
Intel Celeron 560 @ 2.13GHz	531	2578	6.65	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2589	NA	NA
Intel Celeron 600MHz	147	2986	NA	NA
Intel Celeron 723 @ 1.20GHz	390	2726	NA	NA
Intel Celeron 743 @ 1.30GHz	421	2684	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2469	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2747	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2534	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2382	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1021	2317	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2251	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2233	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1291	2161	NA	NA
Intel Celeron 887 @ 1.50GHz	1276	2177	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2507	23.34	\$28.99*
Intel Celeron 925 @ 2.30GHz	689	2499	NA	NA
Intel Celeron 1000M @ 1.80GHz	1670	1972	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1000MHz	213	2934	NA	NA
Intel Celeron 1005M @ 1.90GHz	1807	1899	NA	NA
Intel Celeron 1007U @ 1.50GHz	1390	2106	7.52	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1504	2056	NA	NA
Intel Celeron 1019Y @ 1.00GHz	954	2367	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1710	NA	NA
Intel Celeron 1037U @ 1.80GHz	1734	1934	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2223	NA	NA
Intel Celeron 1066MHz	259	2888	NA	NA
Intel Celeron 1100MHz	174	2972	NA	NA
Intel Celeron 1133MHz	282	2856	NA	NA
Intel Celeron 1200MHz	244	2909	NA	NA
Intel Celeron 1300MHz	288	2846	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1333MHz	290	2840	NA	NA
Intel Celeron 1400MHz	302	2820	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1655	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	2011	18.67	\$86.00*
Intel Celeron 2950M @ 2.00GHz	1984	1808	NA	NA
Intel Celeron 2955U @ 1.40GHz	1413	2098	NA	NA
Intel Celeron 2957U @ 1.40GHz	1433	2088	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2266	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1670	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	2020	NA	NA
Intel Celeron 2981U @ 1.60GHz	1364	2119	NA	NA
Intel Celeron 3205U @ 1.50GHz	1503	2059	5.24	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1652	1988	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1954	NA	NA
Intel Celeron 3765U @ 1.90GHz	1948	1829	NA	NA
Intel Celeron 3855U @ 1.60GHz	1685	1965	NA	NA
Intel Celeron 3865U @ 1.80GHz	1918	1847	NA	NA
Intel Celeron 3867U @ 1.80GHz	1862	1875	17.41	\$107.00*
Intel Celeron 3955U @ 2.00GHz	1943	1832	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3965U @ 2.20GHz	2369	1653	22.14	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1607	2010	15.03	\$107.00*
Intel Celeron 4205U @ 1.80GHz	1977	1811	18.48	\$107.00*
Intel Celeron 4305UE @ 2.00GHz	2554	1582	NA	NA
Intel Celeron @ 1.30GHz	965	2355	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2960	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2441	NA	NA
Intel Celeron B800 @ 1.50GHz	1277	2174	NA	NA
Intel Celeron B810 @ 1.60GHz	1399	2101	NA	NA
Intel Celeron B815 @ 1.60GHz	1364	2120	NA	NA
Intel Celeron B820 @ 1.70GHz	1430	2090	36.40	\$39.29*
Intel Celeron B830 @ 1.80GHz	1512	2054	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1939	NA	NA
Intel Celeron D 347 @ 3.06GHz	271	2875	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2821	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2802	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2781	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2702	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2623	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2549	NA	NA
Intel Celeron E1200 @ 1.60GHz	860	2417	8.60	\$99.99*
Intel Celeron E1400 @ 2.00GHz	1053	2300	15.05	\$69.99*
Intel Celeron E1500 @ 2.20GHz	1168	2236	59.47	\$19.65*
Intel Celeron E1600 @ 2.40GHz	1255	2186	NA	NA
Intel Celeron E3200 @ 2.40GHz	1382	2109	26.59	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1389	2107	55.62	\$24.98*
Intel Celeron E3400 @ 2.60GHz	1440	2085	2.36	\$610.00*
Intel Celeron E3500 @ 2.70GHz	1454	2078	36.37	\$39.99*
Intel Celeron G440 @ 1.60GHz	694	2496	13.90	\$49.99*
Intel Celeron G460 @ 1.80GHz	1040	2306	67.60	\$15.39*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G465 @ 1.90GHz	1064	2295	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2156	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G530 @ 2.40GHz	2128	1748	53.22	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1942	NA	NA
Intel Celeron G540 @ 2.50GHz	2197	1725	48.82	\$45.00*
Intel Celeron G540T @ 2.10GHz	2067	1776	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1679	28.63	\$80.00*
Intel Celeron G550T @ 2.20GHz	2032	1790	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1631	22.23	\$109.00*
Intel Celeron G1101 @ 2.27GHz	1667	1978	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2488	1610	52.95	\$47.00*
Intel Celeron G1610T @ 2.30GHz	2256	1697	56.35	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2577	1571	39.66	\$64.99*
Intel Celeron G1620T @ 2.40GHz	2362	1657	56.26	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1609	49.89	\$49.99*
Intel Celeron G1820 @ 2.70GHz	2749	1520	63.95	\$42.99*
Intel Celeron G1820T @ 2.40GHz	2495	1608	59.42	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1746	NA	NA
Intel Celeron G1830 @ 2.80GHz	2568	1576	27.05	\$94.95*
Intel Celeron G1840 @ 2.80GHz	2860	1483	28.61	\$99.98*
Intel Celeron G1840T @ 2.50GHz	2554	1583	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1462	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3132	1386	55.44	\$56.50*
Intel Celeron G3900E @ 2.40GHz	2679	1539	25.05	\$107.00*
Intel Celeron G3900T @ 2.60GHz	2925	1458	26.01	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1565	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3129	1388	27.45	\$113.99*
Intel Celeron G3930 @ 2.90GHz	3036	1417	33.89	\$89.59*
Intel Celeron G3930T @ 2.70GHz	2766	1511	74.87	\$36.95*
Intel Celeron G3930TE @ 2.70GHz	2970	1441	70.72	\$42.00*
Intel Celeron G3950 @ 3.00GHz	3049	1416	27.97	\$109.04*
Intel Celeron G4900 @ 3.10GHz	3293	1333	55.92	\$58.89*
Intel Celeron G4900T @ 2.90GHz	3096	1398	73.72	\$42.00*
Intel Celeron G4920 @ 3.20GHz	3255	1342	42.56	\$76.50*
Intel Celeron G4930 @ 3.20GHz	3503	1279	56.56	\$61.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron J1750 @ 2.41GHz	1037	2308	NA	NA
Intel Celeron J1800 @ 2.41GHz	1018	2321	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	2004	NA	NA
Intel Celeron J1900 @ 1.99GHz	1852	1878	NA	NA
Intel Celeron J3060 @ 1.60GHz	975	2350	NA	NA
Intel Celeron J3160 @ 1.60GHz	1798	1905	NA	NA
Intel Celeron J3355 @ 2.00GHz	1160	2242	NA	NA
Intel Celeron J3455 @ 1.50GHz	2108	1755	6.03	\$349.99*
Intel Celeron J4005 @ 2.00GHz	1552	2033	8.26	\$187.95*
Intel Celeron J4105 @ 1.50GHz	2650	1549	24.77	\$107.00*
Intel Celeron M 1.00GHz	207	2941	1.60	\$129.95*
Intel Celeron M 1.30GHz	316	2801	NA	NA
Intel Celeron M 1.50GHz	343	2777	NA	NA
Intel Celeron M 1.60GHz	362	2758	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 1.70GHz	393	2721	NA	NA
Intel Celeron M 360 1.40GHz	328	2791	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2803	NA	NA
Intel Celeron M 420 @ 1.60GHz	334	2785	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2749	NA	NA
Intel Celeron M 440 @ 1.86GHz	392	2722	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2894	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2653	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2676	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2639	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2572	NA	NA
Intel Celeron M 600MHz	151	2984	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2646	NA	NA
Intel Celeron M 900MHz	205	2942	NA	NA
Intel Celeron M 1200MHz	275	2871	NA	NA
Intel Celeron M 1300MHz	303	2817	NA	NA
Intel Celeron M 1500MHz	333	2787	NA	NA
Intel Celeron M ULV 800MHz	184	2964	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2805 @ 1.46GHz	460	2643	NA	NA
Intel Celeron N2806 @ 1.60GHz	799	2449	NA	NA
Intel Celeron N2807 @ 1.58GHz	861	2415	NA	NA
Intel Celeron N2808 @ 1.58GHz	907	2400	NA	NA
Intel Celeron N2810 @ 2.00GHz	788	2454	5.64	\$139.99*
Intel Celeron N2815 @ 1.86GHz	856	2421	NA	NA
Intel Celeron N2820 @ 2.13GHz	937	2379	8.53	\$109.99*
Intel Celeron N2830 @ 2.16GHz	965	2356	NA	NA
Intel Celeron N2840 @ 2.16GHz	1002	2330	NA	NA
Intel Celeron N2910 @ 1.60GHz	1189	2222	NA	NA
Intel Celeron N2920 @ 1.86GHz	1514	2052	NA	NA
Intel Celeron N2930 @ 1.83GHz	1658	1985	NA	NA
Intel Celeron N2940 @ 1.83GHz	1720	1937	NA	NA
Intel Celeron N3000 @ 1.04GHz	899	2403	NA	NA
Intel Celeron N3010 @ 1.04GHz	978	2347	NA	NA
Intel Celeron N3050 @ 1.60GHz	879	2408	3.42	\$257.00*
Intel Celeron N3060 @ 1.60GHz	981	2345	NA	NA
Intel Celeron N3150 @ 1.60GHz	1666	1979	NA	NA
Intel Celeron N3160 @ 1.60GHz	1667	1977	5.96	\$279.99*
Intel Celeron N3350 @ 1.10GHz	1115	2262	NA	NA
Intel Celeron N3450 @ 1.10GHz	1849	1880	11.62	\$159.14*
Intel Celeron N4000 @ 1.10GHz	1429	2091	13.36	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2253	1699	21.06	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1116	2260	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2339	NA	NA
Intel Celeron P4600 @ 2.00GHz	1328	2140	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2458	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2371	47.54	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2298	35.29	\$29.99*
Intel Celeron U1900 @ 1.99GHz	1704	1953	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2481	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron U3405 @ 1.07GHz	684	2501	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron U3600 @ 1.20GHz	809	2446	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1052	2301	6.58	\$159.95*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2244	23.16	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1271	2180	17.85	\$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1383	2108	8.76	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	2070	54.89	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1108	2270	85.31	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2226	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1288	2164	43.01	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1359	2125	27.20	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	2082	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1497	2063	100.16	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1554	2032	103.70	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1692	1961	56.45	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1712	1947	166.28	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1946	1831	38.94	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1625	2002	33.17	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1727	1935	43.32	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1770	1916	61.06	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1873	1867	124.98	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1959	1822	16.34	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1490	2065	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1780	1913	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1882	1865	37.66	\$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1824	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1659	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1987	1806	99.44	\$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1881	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1749	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2148	1740	47.22	\$45.50*
Intel Core2 Duo E8435 @ 3.06GHz	2068	1775	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2281	1684	57.04	\$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2398	1641	56.50	\$42.45*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8700 @ 3.50GHz	2212	1718	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2463	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2502	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2436	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2426	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	961	2361	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2351	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2259	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1081	2288	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1346	2130	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	2163	64.51	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1311	2148	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	2095	35.42	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2377	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	2048	6.60	\$229.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P7570 @ 2.26GHz	1455	2077	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2316	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1453	2080	4.89	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	2040	31.25	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1622	2003	42.72	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1740	1930	30.55	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	2029	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1748	1926	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1754	1924	17.72	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1866	1871	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2015	1797	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2547	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1252	2191	4.95	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1967	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	927	2386	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	833	2432	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	839	2430	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5270 @ 1.40GHz	813	2442	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	935	2383	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2395	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2399	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	922	2391	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1039	2307	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2311	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2340	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1094	2277	109.51	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1114	2264	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1206	2214	75.86	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1149	2248	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2210	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2203	81.79	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1284	2169	85.72	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1257	2185	32.66	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1358	2126	71.90	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1360	2123	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1020	2318	46.43	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	2239	11.68	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1114	2263	5.53	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1194	2219	38.55	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1248	2195	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1271	2179	29.59	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1378	2113	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1425	2092	10.18	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1597	2016	2.63	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1298	2157	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1471	2073	13.51	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1675	1968	28.88	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1737	1933	38.65	\$44.95*
Intel Core2 Duo T9500 @ 2.60GHz	1792	1907	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T9550 @ 2.66GHz	1803	1902	6.03	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1926	1840	21.42	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2005	1801	4.73	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2137	1742	5.36	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	868	2413	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2545	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	668	2509	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2495	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	855	2422	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1129	2257	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1963	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1241	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3624	1244	2.42	\$1,495.95*
Intel Core2 Extreme Q9200 @ 2.40GHz	3415	1297	NA	NA
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1291	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1873	1868	7.11	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1903	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2138	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1688	1962	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1857	4.62	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2076	1770	2.44	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4156	1128	4.83	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	1056	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4608	1033	2.86	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	1021	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2946	1448	73.71	\$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3278	1336	72.87	\$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2807	1498	122.10	\$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2980	1435	59.62	\$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3162	1375	13.18	\$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2525	1593	6.49	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1347	8.40	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3152	1380	15.80	\$199.50*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q9400 @ 2.66GHz	3336	1324	69.48	\$48.03*
Intel Core2 Quad Q9450 @ 2.66GHz	3757	1213	105.24	\$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3512	1277	100.40	\$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3520	1274	18.53	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3961	1162	89.05	\$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4153	1131	38.07	\$109.11*
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1167	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2760	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2810	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2688	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	465	2634	NA	NA
Intel Core 330 @ 1.60GHz	643	2520	NA	NA
Intel Core 860 @ 2.80GHz	4555	1043	28.65	\$159.00*
Intel Core Duo L2300 @ 1.50GHz	719	2484	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2492	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2471	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo T2050 @ 1.60GHz	693	2498	NA	NA
Intel Core Duo T2250 @ 1.73GHz	755	2467	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2479	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2462	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2453	49.63	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	822	2437	NA	NA
Intel Core Duo T2500 @ 2.00GHz	863	2414	7.20	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2378	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2314	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2570	NA	NA
Intel Core Duo U2500 @ 1.20GHz	507	2598	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1834	NA	NA
Intel Core i3-330M @ 2.13GHz	1784	1910	11.16	\$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2292	NA	NA
Intel Core i3-350M @ 2.27GHz	1892	1860	17.37	\$108.95*
Intel Core i3-370M @ 2.40GHz	2015	1798	50.44	\$39.96*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-380M @ 2.53GHz	2093	1760	36.90	\$56.75*
Intel Core i3-380UM @ 1.33GHz	1159	2243	NA	NA
Intel Core i3-390M @ 2.67GHz	2165	1732	55.59	\$38.95*
Intel Core i3-530 @ 2.93GHz	2565	1578	23.75	\$108.00*
Intel Core i3-540 @ 3.07GHz	2684	1537	14.13	\$189.95*
Intel Core i3-550 @ 3.20GHz	2829	1490	16.10	\$175.74*
Intel Core i3-560 @ 3.33GHz	2935	1452	16.31	\$179.95*
Intel Core i3-1005G1 @ 1.20GHz	6073	800	21.61	\$281.00*
Intel Core i3-2100 @ 3.10GHz	3692	1233	76.55	\$48.24*
Intel Core i3-2100T @ 2.50GHz	2980	1434	49.68	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1219	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3712	1228	32.29	\$114.99*
Intel Core i3-2120 @ 3.30GHz	3932	1174	98.33	\$39.99*
Intel Core i3-2120T @ 2.60GHz	3155	1378	126.28	\$24.99*
Intel Core i3-2125 @ 3.30GHz	4015	1151	19.40	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4074	1143	66.80	\$60.99*
Intel Core i3-2140 @ 3.50GHz	4325	1095	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1485	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2432	1628	62.68	\$38.81*
Intel Core i3-2312M @ 2.10GHz	2374	1651	NA	NA
Intel Core i3-2328M @ 2.20GHz	2545	1585	27.38	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1408	NA	NA
Intel Core i3-2330M @ 2.20GHz	2529	1591	126.54	\$19.99*
Intel Core i3-2332M @ 2.20GHz	2382	1648	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1938	NA	NA
Intel Core i3-2348M @ 2.30GHz	2624	1555	NA	NA
Intel Core i3-2350M @ 2.30GHz	2628	1554	82.46	\$31.88*
Intel Core i3-2357M @ 1.30GHz	1556	2031	NA	NA
Intel Core i3-2365M @ 1.40GHz	1682	1966	NA	NA
Intel Core i3-2367M @ 1.40GHz	1707	1951	NA	NA
Intel Core i3-2370M @ 2.40GHz	2777	1508	69.76	\$39.81*
Intel Core i3-2375M @ 1.50GHz	1775	1914	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1894	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3110M @ 2.40GHz	3083	1404	38.56	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3227	1354	29.34	\$110.00*
Intel Core i3-3130M @ 2.60GHz	3389	1307	NA	NA
Intel Core i3-3210 @ 3.20GHz	4044	1147	20.33	\$199.00*
Intel Core i3-3217U @ 1.80GHz	2305	1674	10.02	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1733	NA	NA
Intel Core i3-3220 @ 3.30GHz	4247	1110	77.24	\$54.99*
Intel Core i3-3220T @ 2.80GHz	3696	1230	27.38	\$135.00*
Intel Core i3-3225 @ 3.30GHz	4347	1088	13.38	\$324.99*
Intel Core i3-3227U @ 1.90GHz	2470	1616	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1956	NA	NA
Intel Core i3-3240 @ 3.40GHz	4317	1098	86.35	\$50.00*
Intel Core i3-3240T @ 2.90GHz	3666	1239	NA	NA
Intel Core i3-3245 @ 3.40GHz	4467	1064	25.97	\$172.01*
Intel Core i3-3250 @ 3.50GHz	4451	1067	63.59	\$70.00*
Intel Core i3-3250T @ 3.00GHz	3614	1246	NA	NA
Intel Core i3-4000M @ 2.40GHz	3258	1341	16.30	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2446	1625	NA	NA
Intel Core i3-4010U @ 1.70GHz	2442	1626	16.29	\$149.99*
Intel Core i3-4010Y @ 1.30GHz	1900	1854	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2157	1738	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2214	1716	NA	NA
Intel Core i3-4025U @ 1.90GHz	2789	1504	NA	NA
Intel Core i3-4030U @ 1.90GHz	2718	1527	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1602	NA	NA
Intel Core i3-4100M @ 2.50GHz	3432	1296	15.71	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3854	1185	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1468	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1415	NA	NA
Intel Core i3-4130 @ 3.40GHz	4804	995	53.39	\$89.99*
Intel Core i3-4130T @ 2.90GHz	4154	1129	46.69	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4902	978	49.52	\$99.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4150T @ 3.00GHz	4227	1113	18.39	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1460	NA	NA
Intel Core i3-4160 @ 3.60GHz	5051	946	56.13	\$89.99*
Intel Core i3-4160T @ 3.10GHz	4465	1065	29.77	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5189	920	32.27	\$160.81*
Intel Core i3-4170T @ 3.20GHz	4489	1060	21.38	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5087	934	12.72	\$399.95*
Intel Core i3-4330T @ 3.00GHz	4501	1057	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1358	NA	NA
Intel Core i3-4340 @ 3.60GHz	5245	911	30.86	\$169.99*
Intel Core i3-4350 @ 3.60GHz	4990	960	29.36	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	1102	NA	NA
Intel Core i3-4360 @ 3.70GHz	5446	879	21.03	\$259.00*
Intel Core i3-4360T @ 3.20GHz	4636	1022	NA	NA
Intel Core i3-4370 @ 3.80GHz	5617	850	18.18	\$309.00*
Intel Core i3-4370T @ 3.30GHz	4924	973	35.68	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	969	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-5005U @ 2.00GHz	2902	1466	NA	NA
Intel Core i3-5010U @ 2.10GHz	3061	1412	9.06	\$337.76*
Intel Core i3-5015U @ 2.10GHz	2976	1437	NA	NA
Intel Core i3-5020U @ 2.20GHz	3198	1360	6.97	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	1238	NA	NA
Intel Core i3-6006U @ 2.00GHz	3075	1407	NA	NA
Intel Core i3-6098P @ 3.60GHz	5387	890	40.28	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5483	873	44.04	\$124.50*
Intel Core i3-6100E @ 2.70GHz	3769	1206	NA	NA
Intel Core i3-6100H @ 2.70GHz	4188	1120	NA	NA
Intel Core i3-6100T @ 3.20GHz	4860	988	36.01	\$134.99*
Intel Core i3-6100TE @ 2.70GHz	4315	1099	NA	NA
Intel Core i3-6100U @ 2.30GHz	3603	1250	7.00	\$515.00*
Intel Core i3-6102E @ 1.90GHz	3196	1362	14.20	\$225.00*
Intel Core i3-6157U @ 2.40GHz	3819	1196	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-6300 @ 3.80GHz	5842	822	18.85	\$309.99*
Intel Core i3-6300T @ 3.30GHz	5247	910	33.86	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6049	802	14.86	\$407.00*
Intel Core i3-7020U @ 2.30GHz	3528	1269	12.56	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5776	828	45.85	\$126.00*
Intel Core i3-7100H @ 3.00GHz	4627	1027	20.57	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5051	945	33.08	\$152.69*
Intel Core i3-7100U @ 2.40GHz	3759	1212	10.44	\$359.99*
Intel Core i3-7101TE @ 3.40GHz	5160	924	44.11	\$117.00*
Intel Core i3-7102E @ 2.10GHz	3266	1338	14.52	\$225.00*
Intel Core i3-7130U @ 2.70GHz	4062	1144	8.83	\$459.99*
Intel Core i3-7167U @ 2.80GHz	4757	1003	NA	NA
Intel Core i3-7300 @ 4.00GHz	6335	768	39.60	\$159.99*
Intel Core i3-7300T @ 3.50GHz	5369	893	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6412	761	35.10	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6595	744	34.44	\$191.50*
Intel Core i3-8100 @ 3.60GHz	8005	598	58.07	\$137.85*
Intel Core i3-8100B @ 3.60GHz	8544	543	64.24	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7285	674	56.48	\$129.00*
Intel Core i3-8109U @ 3.00GHz	6087	799	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	996	NA	NA
Intel Core i3-8130U @ 2.20GHz	5015	955	17.85	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5496	871	19.56	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8686	532	46.64	\$186.24*
Intel Core i3-8300T @ 3.20GHz	8032	595	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9238	471	46.48	\$198.75*
Intel Core i3-9100 @ 3.60GHz	8994	494	58.35	\$154.14*
Intel Core i3-9100F @ 3.60GHz	8906	507	90.49	\$98.42*
Intel Core i3-9100T @ 3.10GHz	7650	641	62.71	\$122.00*
Intel Core i3-9300 @ 3.70GHz	10018	390	65.91	\$152.00*
Intel Core i3-9300T @ 3.20GHz	8777	522	61.38	\$143.00*
Intel Core i3-9320 @ 3.70GHz	10144	378	62.62	\$162.00*
Intel Core i3-9350KF @ 4.00GHz	10526	356	57.53	\$182.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-10110U @ 2.10GHz	5769	832	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-21050 @ 3.10GHz	3862	1184	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1724	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1611	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3547	1262	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3676	1235	NA	NA
Intel Core i5-430M @ 2.27GHz	2093	1761	14.96	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	2134	NA	NA
Intel Core i5-450M @ 2.40GHz	2133	1745	66.77	\$31.95*
Intel Core i5-460M @ 2.53GHz	2320	1665	30.96	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1079	2290	NA	NA
Intel Core i5-480M @ 2.67GHz	2399	1640	29.76	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1704	NA	NA
Intel Core i5-520M @ 2.40GHz	2367	1654	79.43	\$29.81*
Intel Core i5-520UM @ 1.07GHz	1348	2129	NA	NA
Intel Core i5-540M @ 2.53GHz	2453	1621	36.08	\$68.00*
Intel Core i5-540UM @ 1.20GHz	1375	2115	NA	NA
Intel Core i5-560M @ 2.67GHz	2578	1570	31.45	\$81.97*
Intel Core i5-560UM @ 1.33GHz	1669	1973	NA	NA
Intel Core i5-580M @ 2.67GHz	2589	1566	23.56	\$109.95*
Intel Core i5-650 @ 3.20GHz	3093	1399	56.23	\$55.02*
Intel Core i5-655K @ 3.20GHz	3353	1314	55.90	\$59.99*
Intel Core i5-660 @ 3.33GHz	3246	1346	103.89	\$31.25*
Intel Core i5-661 @ 3.33GHz	3194	1363	13.89	\$229.99*
Intel Core i5-670 @ 3.47GHz	3309	1329	11.86	\$279.00*
Intel Core i5-680 @ 3.60GHz	3513	1276	39.04	\$89.99*
Intel Core i5-750 @ 2.67GHz	3719	1225	92.55	\$40.19*
Intel Core i5-760 @ 2.80GHz	3933	1173	18.82	\$209.00*
Intel Core i5-1035G1 @ 1.00GHz	8885	512	29.92	\$297.00*
Intel Core i5-1035G4 @ 1.10GHz	8869	516	28.70	\$309.00*
Intel Core i5-1035G7 @ 1.20GHz	10030	388	31.35	\$320.00*
Intel Core i5-2300 @ 2.80GHz	5366	894	67.09	\$79.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2310 @ 2.90GHz	5537	865	29.72	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5776	827	62.12	\$93.00*
Intel Core i5-2380P @ 3.10GHz	5743	837	31.91	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4212	1118	42.16	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5974	805	112.75	\$52.99*
Intel Core i5-2400S @ 2.50GHz	4994	959	27.44	\$182.00*
Intel Core i5-2405S @ 2.50GHz	5082	936	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3172	1369	44.07	\$72.00*
Intel Core i5-2415M @ 2.30GHz	3303	1331	NA	NA
Intel Core i5-2430M @ 2.40GHz	3287	1334	36.92	\$89.02*
Intel Core i5-2435M @ 2.40GHz	3232	1350	NA	NA
Intel Core i5-2450M @ 2.50GHz	3401	1301	46.40	\$73.30*
Intel Core i5-2450P @ 3.20GHz	6149	785	68.34	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2320	1663	NA	NA
Intel Core i5-2500 @ 3.30GHz	6354	766	115.55	\$55.00*
Intel Core i5-2500K @ 3.30GHz	6488	753	14.94	\$434.26*
Intel Core i5-2500S @ 2.70GHz	5391	888	82.63	\$65.24*
Intel Core i5-2500T @ 2.30GHz	4647	1020	51.64	\$89.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2510E @ 2.50GHz	3483	1283	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1328	NA	NA
Intel Core i5-2520M @ 2.50GHz	3593	1253	21.19	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2064	1777	NA	NA
Intel Core i5-2540M @ 2.60GHz	3782	1204	18.10	\$208.95*
Intel Core i5-2550K @ 3.40GHz	6677	737	35.14	\$190.00*
Intel Core i5-2557M @ 1.70GHz	2694	1535	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1214	NA	NA
Intel Core i5-3210M @ 2.50GHz	3829	1193	56.11	\$68.24*
Intel Core i5-3230M @ 2.60GHz	3946	1169	18.15	\$217.42*
Intel Core i5-3317U @ 1.70GHz	3091	1400	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4134	1132	59.23	\$69.81*
Intel Core i5-3330 @ 3.00GHz	5954	808	29.79	\$199.88*
Intel Core i5-3330S @ 2.70GHz	5680	842	59.80	\$94.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3335S @ 2.70GHz	5795	825	NA	NA
Intel Core i5-3337U @ 1.80GHz	3229	1353	14.35	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1715	NA	NA
Intel Core i5-3340 @ 3.10GHz	6102	793	20.83	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4251	1109	53.17	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	821	38.98	\$149.99*
Intel Core i5-3350P @ 3.10GHz	6155	783	41.04	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4440	1072	47.85	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4446	1070	NA	NA
Intel Core i5-3427U @ 1.80GHz	3551	1260	8.46	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3628	1243	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1455	NA	NA
Intel Core i5-3450 @ 3.10GHz	6536	750	29.80	\$219.33*
Intel Core i5-3450S @ 2.80GHz	6233	775	42.99	\$145.01*
Intel Core i5-3470 @ 3.20GHz	6730	731	103.56	\$64.99*
Intel Core i5-3470S @ 2.90GHz	6405	763	71.97	\$89.00*
Intel Core i5-3470T @ 2.90GHz	4493	1059	14.55	\$308.95*
Intel Core i5-3475S @ 2.90GHz	6608	743	46.05	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6969	703	22.48	\$309.99*
Intel Core i5-3550S @ 3.00GHz	6921	711	22.88	\$302.45*
Intel Core i5-3570 @ 3.40GHz	7142	688	109.88	\$65.00*
Intel Core i5-3570K @ 3.40GHz	7188	685	22.13	\$324.88*
Intel Core i5-3570S @ 3.10GHz	6731	730	23.62	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5914	811	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3929	1175	NA	NA
Intel Core i5-4200H @ 2.80GHz	4462	1066	NA	NA
Intel Core i5-4200M @ 2.50GHz	4039	1148	49.80	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3282	1335	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2399	1639	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2262	1695	NA	NA
Intel Core i5-4210H @ 2.90GHz	4532	1050	NA	NA
Intel Core i5-4210M @ 2.60GHz	4213	1117	13.59	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3404	1300	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4210Y @ 1.50GHz	2375	1650	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1672	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4230U @ 1.90GHz	2902	1467	NA	NA
Intel Core i5-4250U @ 1.30GHz	3373	1310	9.40	\$359.00*
Intel Core i5-4258U @ 2.40GHz	4096	1139	NA	NA
Intel Core i5-4260U @ 1.40GHz	3584	1258	NA	NA
Intel Core i5-4278U @ 2.60GHz	4371	1084	NA	NA
Intel Core i5-4288U @ 2.60GHz	4303	1101	NA	NA
Intel Core i5-4300M @ 2.60GHz	4444	1071	NA	NA
Intel Core i5-4300U @ 1.90GHz	3740	1218	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2502	1604	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1439	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	1115	NA	NA
Intel Core i5-4310M @ 2.70GHz	4661	1018	NA	NA
Intel Core i5-4310U @ 2.00GHz	3785	1203	NA	NA
Intel Core i5-4330M @ 2.80GHz	4551	1044	16.55	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4882	982	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1247	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	1047	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1168	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1499	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6342	767	39.64	\$159.99*
Intel Core i5-4430S @ 2.70GHz	5969	806	37.31	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6519	751	13.12	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6270	772	13.54	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6726	732	35.41	\$189.99*
Intel Core i5-4460S @ 2.90GHz	6433	758	9.75	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4980	961	NA	NA
Intel Core i5-4570 @ 3.20GHz	7157	687	93.04	\$76.93*
Intel Core i5-4570R @ 2.70GHz	6776	722	NA	NA
Intel Core i5-4570S @ 2.90GHz	6838	716	33.79	\$202.42*
Intel Core i5-4570T @ 2.90GHz	4821	992	32.15	\$149.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4570TE @ 2.70GHz	3827	1194	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7347	670	68.87	\$106.69*
Intel Core i5-4590S @ 3.00GHz	7080	693	32.34	\$218.91*
Intel Core i5-4590T @ 2.00GHz	5626	847	26.80	\$209.95*
Intel Core i5-4670 @ 3.40GHz	7476	657	19.68	\$379.95*
Intel Core i5-4670K @ 3.40GHz	7637	644	24.64	\$309.99*
Intel Core i5-4670K CPT @ 3.40GHz	7411	665	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	663	26.88	\$276.00*
Intel Core i5-4670S @ 3.10GHz	7399	667	34.74	\$213.00*
Intel Core i5-4670T @ 2.30GHz	6155	784	23.76	\$259.02*
Intel Core i5-4690 @ 3.50GHz	7691	637	31.55	\$243.77*
Intel Core i5-4690K @ 3.50GHz	7799	625	49.05	\$159.00*
Intel Core i5-4690S @ 3.20GHz	7446	660	20.73	\$359.21*
Intel Core i5-4690T @ 2.50GHz	6547	748	NA	NA
Intel Core i5-5200U @ 2.20GHz	3497	1281	12.45	\$281.00*
Intel Core i5-5250U @ 1.60GHz	3599	1251	8.15	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4413	1077	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	1013	NA	NA
Intel Core i5-5300U @ 2.30GHz	3847	1189	7.08	\$543.39*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-5350U @ 1.80GHz	3520	1273	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	655	NA	NA
Intel Core i5-5675C @ 3.10GHz	8125	583	26.22	\$309.95*
Intel Core i5-5675R @ 3.10GHz	7991	603	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4154	1130	NA	NA
Intel Core i5-6200U @ 2.30GHz	4011	1152	NA	NA
Intel Core i5-6260U @ 1.80GHz	4359	1087	12.16	\$358.64*
Intel Core i5-6267U @ 2.90GHz	4893	979	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	1004	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6098	795	NA	NA
Intel Core i5-6300U @ 2.40GHz	4365	1085	NA	NA
Intel Core i5-6360U @ 2.00GHz	4686	1015	NA	NA
Intel Core i5-6400 @ 2.70GHz	6754	726	29.52	\$228.83*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6400T @ 2.20GHz	5618	849	21.61	\$259.95*
Intel Core i5-6402P @ 2.80GHz	7098	691	37.36	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6297	771	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6816	718	NA	NA
Intel Core i5-6442EQ @ 1.90GHz	5953	809	23.81	\$250.00*
Intel Core i5-6500 @ 3.20GHz	7250	679	45.32	\$159.99*
Intel Core i5-6500T @ 2.50GHz	6309	770	43.82	\$143.99*
Intel Core i5-6500TE @ 2.30GHz	6580	746	31.34	\$209.99*
Intel Core i5-6600 @ 3.30GHz	7779	627	29.68	\$262.13*
Intel Core i5-6600K @ 3.50GHz	8062	590	30.64	\$263.11*
Intel Core i5-6600T @ 2.70GHz	7273	675	24.25	\$299.95*
Intel Core i5-7200U @ 2.50GHz	4561	1042	16.23	\$281.00*
Intel Core i5-7260U @ 2.20GHz	5638	846	10.11	\$557.79*
Intel Core i5-7267U @ 3.10GHz	5052	944	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	844	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6718	733	NA	NA
Intel Core i5-7300U @ 2.60GHz	5149	927	10.37	\$496.43*
Intel Core i5-7360U @ 2.30GHz	5855	817	NA	NA
Intel Core i5-7400 @ 3.00GHz	7236	680	34.82	\$207.81*
Intel Core i5-7400T @ 2.40GHz	6333	769	30.85	\$205.27*
Intel Core i5-7440HQ @ 2.80GHz	7626	645	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	5901	813	23.60	\$250.00*
Intel Core i5-7500 @ 3.40GHz	7938	609	32.49	\$244.37*
Intel Core i5-7500T @ 2.70GHz	6944	708	31.04	\$223.75*
Intel Core i5-7600 @ 3.50GHz	8618	539	35.98	\$239.50*
Intel Core i5-7600K @ 3.80GHz	9048	490	28.09	\$322.12*
Intel Core i5-7600T @ 2.80GHz	7983	605	28.46	\$280.55*
Intel Core i5-7640X @ 4.00GHz	9440	451	50.67	\$186.32*
Intel Core i5-8200Y @ 1.30GHz	4339	1091	14.91	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4227	1114	NA	NA
Intel Core i5-8250U @ 1.60GHz	7645	642	NA	NA
Intel Core i5-8257U @ 1.40GHz	10742	339	33.57	\$320.00*
Intel Core i5-8259U @ 2.30GHz	11001	322	18.97	\$579.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8265U @ 1.60GHz	8003	599	26.95	\$297.00*
Intel Core i5-8265UC @ 1.60GHz	7783	626	NA	NA
Intel Core i5-8279U @ 2.40GHz	10599	350	33.12	\$320.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8300H @ 2.30GHz	9477	444	37.91	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8947	505	NA	NA
Intel Core i5-8350U @ 1.70GHz	8123	584	27.35	\$297.00*
Intel Core i5-8365U @ 1.60GHz	8207	575	27.64	\$297.00*
Intel Core i5-8365UE @ 1.60GHz	8010	597	26.97	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11567	303	50.63	\$228.50*
Intel Core i5-8400H @ 2.50GHz	10377	363	41.51	\$250.00*
Intel Core i5-8400T @ 1.70GHz	9514	441	50.34	\$189.00*
Intel Core i5-8500 @ 3.00GHz	11814	295	35.39	\$333.86*
Intel Core i5-8500B @ 3.00GHz	12756	265	66.44	\$192.00*
Intel Core i5-8500T @ 2.10GHz	9963	400	42.51	\$234.36*
Intel Core i5-8600 @ 3.10GHz	12485	275	45.27	\$275.78*
Intel Core i5-8600K @ 3.60GHz	12680	269	44.20	\$286.93*
Intel Core i5-8600T @ 2.30GHz	10981	325	29.92	\$366.99*
Intel Core i5-9300H @ 2.40GHz	9859	410	39.44	\$250.00*
Intel Core i5-9400 @ 2.90GHz	11942	294	55.10	\$216.75*
Intel Core i5-9400F @ 2.90GHz	12105	290	73.37	\$164.99*
Intel Core i5-9400H @ 2.50GHz	11379	307	45.52	\$250.00*
Intel Core i5-9400T @ 1.80GHz	9968	399	54.77	\$182.00*
Intel Core i5-9500 @ 3.00GHz	12369	278	48.70	\$253.99*
Intel Core i5-9500F @ 3.00GHz	13055	254	64.63	\$202.00*
Intel Core i5-9500T @ 2.20GHz	10630	347	55.37	\$192.00*
Intel Core i5-9600 @ 3.10GHz	13683	231	61.09	\$224.00*
Intel Core i5-9600K @ 3.70GHz	13491	242	65.81	\$204.99*
Intel Core i5-9600KF @ 3.70GHz	13481	243	48.15	\$279.99*
Intel Core i5-9600T @ 2.30GHz	11706	299	54.96	\$213.00*
Intel Core i5-10210U @ 1.60GHz	8461	551	28.49	\$297.00*
Intel Core i5-24050S @ 2.50GHz	4928	971	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3730	1220	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-610 @ 2.53GHz	1969	1817	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1586	NA	NA
Intel Core i7-620LM @ 2.00GHz	1954	1826	NA	NA
Intel Core i7-620M @ 2.67GHz	2715	1531	24.68	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	2143	NA	NA
Intel Core i7-640LM @ 2.13GHz	2247	1702	NA	NA
Intel Core i7-640M @ 2.80GHz	2828	1491	14.15	\$199.95*
Intel Core i7-640UM @ 1.20GHz	1638	1993	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1928	NA	NA
Intel Core i7-680UM @ 1.47GHz	1710	1949	NA	NA
Intel Core i7-720QM @ 1.60GHz	3008	1425	8.22	\$365.95*
Intel Core i7-740QM @ 1.73GHz	3190	1365	19.95	\$159.95*
Intel Core i7-820QM @ 1.73GHz	3220	1356	13.42	\$239.95*
Intel Core i7-840QM @ 1.87GHz	3412	1298	11.77	\$289.97*
Intel Core i7-860 @ 2.80GHz	5020	954	17.32	\$289.95*
Intel Core i7-860S @ 2.53GHz	4919	975	24.60	\$199.99*
Intel Core i7-870 @ 2.93GHz	5339	899	59.33	\$89.99*
Intel Core i7-870S @ 2.67GHz	4849	990	NA	NA
Intel Core i7-875K @ 2.93GHz	5416	881	16.89	\$320.76*
Intel Core i7-880 @ 3.07GHz	5505	869	9.44	\$583.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-920 @ 2.67GHz	4911	976	140.32	\$35.00*
Intel Core i7-920XM @ 2.00GHz	3727	1221	9.32	\$399.95*
Intel Core i7-930 @ 2.80GHz	5130	929	46.65	\$109.99*
Intel Core i7-940 @ 2.93GHz	5332	901	51.27	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3921	1178	NA	NA
Intel Core i7-950 @ 3.07GHz	5537	864	138.48	\$39.99*
Intel Core i7-960 @ 3.20GHz	5794	826	20.69	\$280.00*
Intel Core i7-965 @ 3.20GHz	5850	819	41.79	\$139.99*
Intel Core i7-970 @ 3.20GHz	8352	565	16.71	\$499.95*
Intel Core i7-975 @ 3.33GHz	6097	796	14.87	\$409.92*
Intel Core i7-980 @ 3.33GHz	8528	545	42.65	\$199.98*
Intel Core i7-980X @ 3.33GHz	8745	527	7.88	\$1,109.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-985 @ 3.47GHz	6641	741	NA	NA
Intel Core i7-990X @ 3.47GHz	9049	489	25.86	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	417	NA	NA
Intel Core i7-1065G7 @ 1.30GHz	10589	351	NA	NA
Intel Core i7-2600 @ 3.40GHz	8181	579	81.82	\$100.00*
Intel Core i7-2600K @ 3.40GHz	8432	557	58.16	\$144.99*
Intel Core i7-2600S @ 2.80GHz	7093	692	67.48	\$105.12*
Intel Core i7-2610UE @ 1.50GHz	2481	1613	NA	NA
Intel Core i7-2617M @ 1.50GHz	2812	1496	NA	NA
Intel Core i7-2620M @ 2.70GHz	3844	1190	22.64	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5523	867	53.72	\$102.81*
Intel Core i7-2630UM @ 1.60GHz	2584	1568	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5426	880	NA	NA
Intel Core i7-2637M @ 1.70GHz	2900	1470	NA	NA
Intel Core i7-2640M @ 2.80GHz	3925	1177	32.77	\$119.81*
Intel Core i7-2655LE @ 2.20GHz	3229	1352	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5879	815	42.30	\$139.00*
Intel Core i7-2675QM @ 2.20GHz	5546	863	NA	NA
Intel Core i7-2677M @ 1.80GHz	2833	1488	NA	NA
Intel Core i7-2700K @ 3.50GHz	8689	530	28.96	\$300.00*
Intel Core i7-2710QE @ 2.10GHz	5768	833	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	895	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6105	791	19.76	\$309.00*
Intel Core i7-2760QM @ 2.40GHz	6553	747	31.21	\$209.95*
Intel Core i7-2820QM @ 2.30GHz	6645	739	36.71	\$181.02*
Intel Core i7-2840QM @ 2.40GHz	6766	723	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6950	706	12.85	\$541.00*
Intel Core i7-2920XM @ 2.50GHz	6998	699	15.89	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7224	682	17.62	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3541	1263	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3150	1382	NA	NA
Intel Core i7-3520M @ 2.90GHz	4548	1046	34.45	\$132.02*
Intel Core i7-3537U @ 2.00GHz	3809	1200	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3540M @ 3.00GHz	4673	1016	10.87	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1160	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	749	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7459	658	18.65	\$399.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3612QE @ 2.10GHz	6712	734	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6819	717	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	659	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7389	668	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7582	648	31.73	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6927	709	30.13	\$229.95*
Intel Core i7-3635QM @ 2.40GHz	6677	736	NA	NA
Intel Core i7-3667U @ 2.00GHz	3979	1159	NA	NA
Intel Core i7-3687U @ 2.10GHz	4123	1135	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1355	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8122	585	22.38	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	8300	568	34.59	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9276	466	84.33	\$110.00*
Intel Core i7-3770K @ 3.50GHz	9515	440	23.21	\$409.99*
Intel Core i7-3770S @ 3.10GHz	8902	509	24.32	\$366.00*
Intel Core i7-3770T @ 2.50GHz	8204	576	24.86	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8987	495	31.53	\$285.00*
Intel Core i7-3820QM @ 2.70GHz	8398	561	29.47	\$285.00*
Intel Core i7-3840QM @ 2.80GHz	8762	526	26.16	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	8984	497	8.20	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11973	293	57.02	\$209.99*
Intel Core i7-3940XM @ 3.00GHz	9160	476	15.02	\$609.95*
Intel Core i7-3960X @ 3.30GHz	12570	273	114.29	\$109.99*
Intel Core i7-3970X @ 3.50GHz	12695	267	31.12	\$407.99*
Intel Core i7-4500U @ 1.80GHz	3786	1202	NA	NA
Intel Core i7-4510U @ 2.00GHz	3917	1179	NA	NA
Intel Core i7-4550U @ 1.50GHz	3676	1236	NA	NA
Intel Core i7-4558U @ 2.80GHz	4401	1078	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4560U @ 1.60GHz	4329	1093	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	1000	NA	NA
Intel Core i7-4600M @ 2.90GHz	4908	977	NA	NA
Intel Core i7-4600U @ 2.10GHz	4102	1138	NA	NA
Intel Core i7-4610M @ 3.00GHz	4919	974	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1217	NA	NA
Intel Core i7-4650U @ 1.70GHz	3950	1166	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7203	684	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7734	634	20.19	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7690	638	40.69	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7420	662	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7133	689	32.65	\$218.45*
Intel Core i7-4710HQ @ 2.50GHz	7721	635	20.43	\$378.00*
Intel Core i7-4710MQ @ 2.50GHz	7980	606	29.39	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7532	651	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7205	683	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7989	604	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8093	588	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8201	577	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8793	520	NA	NA
Intel Core i7-4765T @ 2.00GHz	7299	672	18.25	\$399.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4770 @ 3.40GHz	9782	419	63.52	\$154.00*
Intel Core i7-4770HQ @ 2.20GHz	8961	500	NA	NA
Intel Core i7-4770K @ 3.50GHz	10074	385	29.12	\$345.98*
Intel Core i7-4770R @ 3.20GHz	9830	414	NA	NA
Intel Core i7-4770S @ 3.10GHz	9350	458	15.33	\$610.00*
Intel Core i7-4770T @ 2.50GHz	8606	540	21.52	\$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	729	NA	NA
Intel Core i7-4771 @ 3.50GHz	9854	412	16.16	\$609.99*
Intel Core i7-4785T @ 2.20GHz	7643	643	NA	NA
Intel Core i7-4790 @ 3.60GHz	9989	394	54.00	\$184.99*
Intel Core i7-4790K @ 4.00GHz	11165	315	38.50	\$290.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4790S @ 3.20GHz	9561	436	35.55	\$269.00*
Intel Core i7-4790T @ 2.70GHz	9078	484	25.22	\$359.99*
Intel Core i7-4800MQ @ 2.70GHz	8449	553	41.42	\$204.00*
Intel Core i7-4810MQ @ 2.80GHz	8655	537	45.57	\$189.95*
Intel Core i7-4820K @ 3.70GHz	9719	425	44.18	\$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9056	488	20.87	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7900	611	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9276	467	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9353	457	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8973	498	15.30	\$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9336	459	20.30	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13022	255	16.28	\$799.97*
Intel Core i7-4930MX @ 3.00GHz	9444	449	8.62	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9775	421	13.77	\$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9856	411	15.82	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13803	228	17.93	\$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10304	366	NA	NA
Intel Core i7-5500U @ 2.40GHz	3981	1158	NA	NA
Intel Core i7-5550U @ 2.00GHz	3851	1188	NA	NA
Intel Core i7-5557U @ 3.10GHz	4955	966	7.03	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4328	1094	NA	NA
Intel Core i7-5650U @ 2.20GHz	4242	1111	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	580	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	573	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8347	566	NA	NA
Intel Core i7-5775C @ 3.30GHz	10851	334	15.81	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10879	333	NA	NA
Intel Core i7-5820K @ 3.30GHz	13011	256	61.96	\$209.99*
Intel Core i7-5850EQ @ 2.70GHz	9817	415	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	447	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13664	232	56.94	\$239.99*
Intel Core i7-5950HQ @ 2.90GHz	10850	335	NA	NA
Intel Core i7-5960X @ 3.00GHz	15986	164	15.33	\$1,042.93*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6498DU @ 2.50GHz	4470	1063	NA	NA
Intel Core i7-6500U @ 2.50GHz	4419	1074	11.24	\$393.00*
Intel Core i7-6560U @ 2.20GHz	4821	993	NA	NA
Intel Core i7-6567U @ 3.30GHz	5582	856	NA	NA
Intel Core i7-6600U @ 2.60GHz	4802	997	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6650U @ 2.20GHz	4978	962	NA	NA
Intel Core i7-6700 @ 3.40GHz	10004	392	28.59	\$349.89*
Intel Core i7-6700HQ @ 2.60GHz	8127	582	21.50	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11108	316	28.21	\$393.73*
Intel Core i7-6700T @ 2.80GHz	8994	493	23.92	\$375.99*
Intel Core i7-6700TE @ 2.40GHz	8674	536	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9717	426	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13565	239	45.99	\$294.99*
Intel Core i7-6820EQ @ 2.80GHz	8683	534	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9124	480	24.14	\$378.00*
Intel Core i7-6820HQ @ 2.70GHz	8764	525	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6501	752	NA	NA
Intel Core i7-6850K @ 3.60GHz	14371	208	31.74	\$452.75*
Intel Core i7-6900K @ 3.20GHz	17605	127	22.35	\$787.72*
Intel Core i7-6920HQ @ 2.90GHz	9549	438	16.81	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19922	89	9.10	\$2,188.88*
Intel Core i7-7500U @ 2.70GHz	5120	930	NA	NA
Intel Core i7-7560U @ 2.40GHz	5769	831	NA	NA
Intel Core i7-7567U @ 3.50GHz	6465	754	8.29	\$779.68*
Intel Core i7-7600U @ 2.80GHz	5110	933	NA	NA
Intel Core i7-7660U @ 2.50GHz	5991	804	NA	NA
Intel Core i7-7700 @ 3.60GHz	10686	343	31.98	\$334.22*
Intel Core i7-7700HQ @ 2.80GHz	8765	524	23.19	\$378.00*
Intel Core i7-7700K @ 4.20GHz	11991	292	27.29	\$439.49*
Intel Core i7-7700T @ 2.90GHz	9321	463	23.90	\$390.00*
Intel Core i7-7740X @ 4.30GHz	12204	287	31.71	\$384.90*
Intel Core i7-7800X @ 3.50GHz	14647	201	28.72	\$509.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7820EQ @ 3.00GHz	9144	478	24.19	\$378.00*
Intel Core i7-7820HK @ 2.90GHz	9958	401	26.35	\$378.00*
Intel Core i7-7820HQ @ 2.90GHz	9251	469	24.47	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18515	112	28.22	\$655.99*
Intel Core i7-7900X @ 3.30GHz	20474	81	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9991	393	17.59	\$568.00*
Intel Core i7-8086K @ 4.00GHz	16683	140	30.17	\$552.96*
Intel Core i7-8500Y @ 1.50GHz	3945	1171	10.04	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8242	572	NA	NA
Intel Core i7-8559U @ 2.70GHz	12230	284	18.76	\$652.00*
Intel Core i7-8565U @ 1.80GHz	8840	518	NA	NA
Intel Core i7-8650U @ 1.90GHz	8687	531	21.19	\$409.99*
Intel Core i7-8665U @ 1.90GHz	8685	533	21.24	\$409.00*
Intel Core i7-8665UE @ 1.70GHz	8731	528	21.35	\$409.00*
Intel Core i7-8700 @ 3.20GHz	15133	188	34.61	\$437.30*
Intel Core i7-8700B @ 3.20GHz	14862	196	49.05	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15935	165	39.20	\$406.50*
Intel Core i7-8700T @ 2.40GHz	12598	271	28.06	\$449.00*
Intel Core i7-8705G @ 3.10GHz	9878	407	7.01	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10539	354	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	420	NA	NA
Intel Core i7-8750H @ 2.20GHz	12397	276	31.39	\$395.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8809G @ 3.10GHz	10993	323	NA	NA
Intel Core i7-8850H @ 2.60GHz	12962	257	32.82	\$395.00*
Intel Core i7-9700 @ 3.00GHz	15923	166	40.28	\$395.27*
Intel Core i7-9700F @ 3.00GHz	16424	147	48.32	\$339.88*
Intel Core i7-9700K @ 3.60GHz	17218	130	42.89	\$401.50*
Intel Core i7-9700KF @ 3.60GHz	16944	136	47.07	\$359.99*
Intel Core i7-9700T @ 2.00GHz	13332	246	41.28	\$323.00*
Intel Core i7-9700TE @ 1.80GHz	12688	268	39.28	\$323.00*
Intel Core i7-9750H @ 2.60GHz	13605	236	34.44	\$395.00*
Intel Core i7-9800X @ 3.80GHz	19804	92	30.47	\$649.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-9850H @ 2.60GHz	13778	229	34.88	\$395.00*
Intel Core i7-9850HL @ 1.90GHz	11340	308	28.71	\$395.00*
Intel Core i7-10510U @ 1.80GHz	9542	439	23.33	\$409.00*
Intel Core i7-10710U @ 1.10GHz	12661	270	28.58	\$443.00*
Intel Core i9-7900X @ 3.30GHz	21879	65	21.30	\$1,027.12*
Intel Core i9-7920X @ 2.90GHz	23292	53	17.30	\$1,346.25*
Intel Core i9-7940X @ 3.10GHz	25408	36	27.92	\$909.99*
Intel Core i9-7960X @ 2.80GHz	26030	30	19.28	\$1,349.99*
Intel Core i9-7980XE @ 2.60GHz	27684	25	22.77	\$1,216.00*
Intel Core i9-8950HK @ 2.90GHz	14206	214	24.37	\$583.00*
Intel Core i9-9820X @ 3.30GHz	21046	76	30.34	\$693.75*
Intel Core i9-9880H @ 2.30GHz	16680	141	30.00	\$556.00*
Intel Core i9-9900 @ 3.10GHz	18809	110	36.52	\$514.99*
Intel Core i9-9900K @ 3.60GHz	20206	87	41.24	\$489.99*
Intel Core i9-9900KF @ 3.60GHz	20372	84	38.97	\$522.76*
Intel Core i9-9900KS @ 4.00GHz	21458	68	23.58	\$909.99*
Intel Core i9-9900T @ 2.10GHz	15322	184	34.90	\$439.00*
Intel Core i9-9900X @ 3.50GHz	22982	55	28.41	\$809.00*
Intel Core i9-9920X @ 3.50GHz	25154	40	27.64	\$909.99*
Intel Core i9-9940X @ 3.30GHz	26882	27	22.31	\$1,204.97*
Intel Core i9-9960X @ 3.10GHz	28540	20	22.44	\$1,272.00*
Intel Core i9-9980HK @ 2.40GHz	17610	125	30.21	\$583.00*
Intel Core i9-9980XE @ 3.00GHz	29605	16	16.37	\$1,809.00*
Intel Core i9-10920X @ 3.50GHz	25606	34	37.16	\$689.00*
Intel Core i9-10980XE @ 3.00GHz	32521	9	33.22	\$979.00*
Intel Core m3-6Y30 @ 0.90GHz	3025	1420	10.77	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3522	1272	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1326	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3721	1222	13.25	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3349	1316	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3236	1349	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3461	1289	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2653	1545	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core M-5Y10a @ 0.80GHz	2387	1647	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2822	1493	10.04	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1489	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2508	1600	NA	NA
Intel Core M-5Y70 @ 1.10GHz	2912	1461	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2994	1431	10.66	\$281.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Solo T1300 @ 1.66GHz	393	2720	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2713	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2631	NA	NA
Intel Core Solo U1300 @ 1.06GHz	270	2877	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2868	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2790	NA	NA
Intel E3000 @ 3.40GHz	2767	1510	NA	NA
Intel Pentium 4 1.40GHz	164	2975	NA	NA
Intel Pentium 4 1.50GHz	131	2992	NA	NA
Intel Pentium 4 1.60GHz	129	2994	NA	NA
Intel Pentium 4 1.70GHz	132	2991	NA	NA
Intel Pentium 4 1.80GHz	161	2978	NA	NA
Intel Pentium 4 1.90GHz	159	2979	NA	NA
Intel Pentium 4 2.00GHz	189	2957	NA	NA
Intel Pentium 4 2.20GHz	209	2938	NA	NA
Intel Pentium 4 2.26GHz	221	2927	NA	NA
Intel Pentium 4 2.40GHz	228	2921	NA	NA
Intel Pentium 4 2.50GHz	245	2905	NA	NA
Intel Pentium 4 2.53GHz	248	2901	NA	NA
Intel Pentium 4 2.60GHz	288	2847	NA	NA
Intel Pentium 4 2.66GHz	254	2893	NA	NA
Intel Pentium 4 2.80GHz	322	2796	NA	NA
Intel Pentium 4 2.93GHz	293	2838	NA	NA
Intel Pentium 4 3.00GHz	353	2767	NA	NA
Intel Pentium 4 3.06GHz	347	2770	NA	NA
Intel Pentium 4 3.20GHz	373	2741	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 3.40GHz	395	2715	NA	NA
Intel Pentium 4 3.46GHz	454	2649	NA	NA
Intel Pentium 4 3.60GHz	486	2615	NA	NA
Intel Pentium 4 3.73GHz	486	2613	NA	NA
Intel Pentium 4 3.80GHz	485	2616	NA	NA
Intel Pentium 4 3.83GHz	195	2951	NA	NA
Intel Pentium 4 4.00GHz	184	2962	NA	NA
Intel Pentium 4 1300MHz	119	2998	NA	NA
Intel Pentium 4 1400MHz	127	2995	NA	NA
Intel Pentium 4 1500MHz	125	2996	NA	NA
Intel Pentium 4 1600MHz	193	2956	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2982	NA	NA
Intel Pentium 4 1800MHz	162	2977	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2985	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2950	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2968	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2939	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2971	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2937	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2946	NA	NA
Intel Pentium 5 2.66GHz	705	2491	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2275	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1140	2255	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 977 @ 1.40GHz	1148	2250	NA	NA
Intel Pentium 987 @ 1.50GHz	1223	2204	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	2103	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1521	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1421	NA	NA
Intel Pentium 2020M @ 2.40GHz	2273	1690	16.97	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2398	1642	17.90	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1656	1987	12.36	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1821	1898	13.59	\$134.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 2129Y @ 1.10GHz	1062	2296	7.93	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2262	1694	NA	NA
Intel Pentium 3556U @ 1.70GHz	1669	1974	NA	NA
Intel Pentium 3558U @ 1.70GHz	1665	1980	NA	NA
Intel Pentium 3560M @ 2.40GHz	2269	1692	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2182	NA	NA
Intel Pentium 3805U @ 1.90GHz	1965	1820	NA	NA
Intel Pentium 3825U @ 1.90GHz	2508	1601	NA	NA
Intel Pentium 4405U @ 2.10GHz	2930	1453	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1780	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2050	1784	12.73	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3149	1383	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2223	1714	13.81	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3190	1364	19.82	\$161.00*
Intel Pentium 5405U @ 2.30GHz	3175	1368	19.72	\$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	2012	NA	NA
Intel Pentium B940 @ 2.00GHz	1726	1936	57.66	\$29.94*
Intel Pentium B950 @ 2.10GHz	1713	1945	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1879	37.81	\$48.99*
Intel Pentium B970 @ 2.30GHz	1952	1828	38.28	\$50.99*
Intel Pentium B980 @ 2.40GHz	2024	1793	28.94	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1199	29.56	\$129.00*
Intel Pentium D 805 @ 2.66GHz	529	2580	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2522	NA	NA
Intel Pentium D 915 @ 2.80GHz	584	2550	NA	NA
Intel Pentium D 940 @ 3.20GHz	710	2487	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2475	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2445	NA	NA
Intel Pentium E2140 @ 1.60GHz	870	2410	18.83	\$46.25*
Intel Pentium E2160 @ 1.80GHz	998	2335	64.36	\$15.51*
Intel Pentium E2180 @ 2.00GHz	1088	2281	36.29	\$29.99*
Intel Pentium E2200 @ 2.20GHz	1202	2217	16.03	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2231	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E2220 @ 2.40GHz	1330	2139	15.48	\$85.99*
Intel Pentium E5200 @ 2.50GHz	1486	2067	24.80	\$59.95*
Intel Pentium E5300 @ 2.60GHz	1540	2037	67.01	\$22.99*
Intel Pentium E5400 @ 2.70GHz	1597	2017	89.93	\$17.76*
Intel Pentium E5500 @ 2.80GHz	1636	1995	62.96	\$25.99*
Intel Pentium E5700 @ 3.00GHz	1737	1932	115.94	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1887	1863	83.87	\$22.50*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E6300 @ 2.80GHz	1705	1952	165.55	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1765	1917	11.18	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1861	1876	18.62	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1932	1838	64.43	\$29.99*
Intel Pentium E6800 @ 3.33GHz	1974	1813	22.19	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2398	29.21	\$31.23*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2360	NA	NA
Intel Pentium G620 @ 2.60GHz	2285	1682	91.46	\$24.99*
Intel Pentium G620T @ 2.20GHz	2033	1789	25.42	\$79.99*
Intel Pentium G630 @ 2.70GHz	2371	1652	23.71	\$100.00*
Intel Pentium G630T @ 2.30GHz	2089	1762	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2520	1594	63.01	\$40.00*
Intel Pentium G640T @ 2.40GHz	1979	1810	NA	NA
Intel Pentium G645 @ 2.90GHz	2588	1567	64.71	\$40.00*
Intel Pentium G645T @ 2.50GHz	2257	1696	NA	NA
Intel Pentium G840 @ 2.80GHz	2560	1580	73.19	\$34.99*
Intel Pentium G850 @ 2.90GHz	2657	1544	88.95	\$29.88*
Intel Pentium G860 @ 3.00GHz	2735	1525	91.22	\$29.99*
Intel Pentium G870 @ 3.10GHz	2785	1506	28.72	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2599	1563	51.99	\$50.00*
Intel Pentium G2020 @ 2.90GHz	2753	1518	45.93	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2418	1632	50.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2866	1480	59.72	\$48.00*
Intel Pentium G2030T @ 2.60GHz	2496	1607	39.01	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1514	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2120 @ 3.10GHz	3079	1406	19.30	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3200	1359	64.03	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3377	1309	41.41	\$81.56*
Intel Pentium G3220 @ 3.00GHz	3125	1390	32.58	\$95.93*
Intel Pentium G3220T @ 2.60GHz	2560	1581	40.65	\$62.98*
Intel Pentium G3240 @ 3.10GHz	3154	1379	63.10	\$49.99*
Intel Pentium G3240T @ 2.70GHz	2840	1484	NA	NA
Intel Pentium G3250 @ 3.20GHz	3241	1348	13.92	\$232.84*
Intel Pentium G3250T @ 2.80GHz	2969	1442	33.00	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3864	1183	55.23	\$69.98*
Intel Pentium G3260 @ 3.30GHz	3356	1313	23.98	\$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1454	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1644	NA	NA
Intel Pentium G3420 @ 3.20GHz	3393	1304	54.26	\$62.55*
Intel Pentium G3420T @ 2.70GHz	3008	1426	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1303	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3319	1325	20.75	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1397	NA	NA
Intel Pentium G3450 @ 3.40GHz	3696	1232	36.97	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1443	NA	NA
Intel Pentium G3460 @ 3.50GHz	3585	1257	12.44	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3714	1227	35.62	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3531	1267	44.42	\$79.50*
Intel Pentium G4400T @ 2.90GHz	3168	1372	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G4400TE @ 2.40GHz	2885	1478	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3792	1201	42.42	\$89.39*
Intel Pentium G4500T @ 3.00GHz	3471	1286	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1123	38.05	\$109.99*
Intel Pentium G4560 @ 3.50GHz	4861	987	43.94	\$110.62*
Intel Pentium G4560T @ 2.90GHz	3990	1155	36.28	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5073	937	21.14	\$239.95*
Intel Pentium G4600T @ 3.00GHz	4266	1107	24.06	\$177.28*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G4620 @ 3.70GHz	5215	916	45.89	\$113.66*
Intel Pentium G6950 @ 2.80GHz	1855	1877	46.41	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1744	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2059	1781	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5227	914	73.73	\$70.90*
Intel Pentium Gold G5400T @ 3.10GHz	4884	981	76.31	\$64.00*
Intel Pentium Gold G5420 @ 3.80GHz	5403	885	64.37	\$83.95*
Intel Pentium Gold G5420T @ 3.20GHz	5156	926	80.57	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5195	919	30.57	\$169.94*
Intel Pentium Gold G5500T @ 3.20GHz	4346	1089	57.95	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5570	859	55.48	\$100.40*
Intel Pentium Gold G5600F @ 3.90GHz	5736	838	NA	NA
Intel Pentium Gold G5620 @ 4.00GHz	5848	820	NA	NA
Intel Pentium III 933S @ 933MHz	238	2913	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2851	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2867	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2812	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2831	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2828	NA	NA
Intel Pentium III Mobile 750MHz	103	3001	NA	NA
Intel Pentium III Mobile 800MHz	182	2965	NA	NA
Intel Pentium III Mobile 866MHz	152	2983	NA	NA
Intel Pentium III Mobile 933MHz	218	2928	7.55	\$28.99*
Intel Pentium III Mobile 1000MHz	245	2904	NA	NA
Intel Pentium III Mobile 1066MHz	246	2903	NA	NA
Intel Pentium III Mobile 1133MHz	251	2897	NA	NA
Intel Pentium III Mobile 1200MHz	240	2911	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1886	NA	NA
Intel Pentium J2900 @ 2.41GHz	1973	1814	NA	NA
Intel Pentium J3710 @ 1.60GHz	1913	1848	NA	NA
Intel Pentium J4205 @ 1.50GHz	2262	1693	NA	NA
Intel Pentium M 1.10GHz	282	2857	NA	NA
Intel Pentium M 1.20GHz	298	2829	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1.30GHz	301	2822	NA	NA
Intel Pentium M 1.40GHz	345	2774	NA	NA
Intel Pentium M 1.50GHz	366	2751	NA	NA
Intel Pentium M 1.60GHz	364	2756	NA	NA
Intel Pentium M 1.70GHz	406	2700	NA	NA
Intel Pentium M 1.73GHz	412	2691	NA	NA
Intel Pentium M 1.80GHz	411	2692	NA	NA
Intel Pentium M 1.86GHz	438	2666	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 2.00GHz	461	2641	NA	NA
Intel Pentium M 2.10GHz	448	2654	NA	NA
Intel Pentium M 2.13GHz	499	2604	NA	NA
Intel Pentium M 2.26GHz	509	2596	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2621	NA	NA
Intel Pentium M 900MHz	217	2932	NA	NA
Intel Pentium M 1000MHz	233	2917	NA	NA
Intel Pentium M 1100MHz	259	2889	NA	NA
Intel Pentium M 1200MHz	237	2914	NA	NA
Intel Pentium M 1300MHz	303	2816	NA	NA
Intel Pentium M 1400MHz	320	2798	NA	NA
Intel Pentium M 1500MHz	354	2764	NA	NA
Intel Pentium M 1600MHz	335	2784	NA	NA
Intel Pentium M 1700MHz	376	2736	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	2046	NA	NA
Intel Pentium N3520 @ 2.16GHz	1806	1900	NA	NA
Intel Pentium N3530 @ 2.16GHz	1911	1849	NA	NA
Intel Pentium N3540 @ 2.16GHz	1933	1836	7.71	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1833	1890	4.12	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1864	1872	NA	NA
Intel Pentium N4200 @ 1.10GHz	2036	1787	8.70	\$233.98*
Intel Pentium P6000 @ 1.87GHz	1243	2197	NA	NA
Intel Pentium P6100 @ 2.00GHz	1327	2141	46.67	\$28.44*
Intel Pentium P6200 @ 2.13GHz	1350	2128	30.04	\$44.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium P6300 @ 2.27GHz	1372	2116	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2903	1465	14.21	\$204.28*
Intel Pentium Silver N5000 @ 1.10GHz	2451	1622	15.23	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2701	NA	NA
Intel Pentium SU4100 @ 1.30GHz	853	2423	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2427	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2511	NA	NA
Intel Pentium T2080 @ 1.73GHz	706	2490	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	706	2488	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2477	NA	NA
Intel Pentium T2330 @ 1.60GHz	827	2434	NA	NA
Intel Pentium T2370 @ 1.73GHz	849	2425	24.28	\$35.00*
Intel Pentium T2390 @ 1.86GHz	947	2375	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2349	NA	NA
Intel Pentium T3200 @ 2.00GHz	1032	2309	86.07	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1115	2261	12.40	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1151	2247	95.97	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1232	2201	NA	NA
Intel Pentium T4400 @ 2.20GHz	1281	2171	NA	NA
Intel Pentium T4500 @ 2.30GHz	1333	2137	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2440	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2370	NA	NA
Intel T1200 @ 1.50GHz	435	2672	NA	NA
Intel T1400 @ 1.73GHz	929	2385	NA	NA
Intel T1500 @ 1.86GHz	953	2368	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel T2050 @ 2.00GHz	959	2364	NA	NA
Intel Xeon 2.00GHz	233	2916	NA	NA
Intel XEON 2.20GHz	252	2895	NA	NA
Intel Xeon 2.40GHz	276	2870	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2671	NA	NA
Intel Xeon 2.80GHz	400	2711	NA	NA
Intel Xeon 3.00GHz	391	2724	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3.06GHz	491	2608	NA	NA
Intel Xeon 3.20GHz	461	2642	NA	NA
Intel Xeon 3.40GHz	478	2624	NA	NA
Intel Xeon 3.60GHz	509	2595	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2305	NA	NA
Intel Xeon 3.80GHz	604	2539	0.71	\$851.00*
Intel Xeon 1500MHz	193	2955	NA	NA
Intel Xeon 3040 @ 1.86GHz	1278	2173	51.05	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2154	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	2047	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	2045	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1911	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1885	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1772	1915	NA	NA
Intel Xeon 5110 @ 1.60GHz	1084	2285	30.99	\$35.00*
Intel Xeon 5120 @ 1.86GHz	1248	2196	0.77	\$1,619.99*
Intel Xeon 5130 @ 2.00GHz	1366	2118	27.90	\$48.99*
Intel Xeon 5133 @ 2.20GHz	1598	2015	NA	NA
Intel Xeon 5140 @ 2.33GHz	1636	1994	65.49	\$24.99*
Intel Xeon 5148 @ 2.33GHz	1590	2021	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1740	1929	12.44	\$139.95*
Intel Xeon 5160 @ 3.00GHz	1956	1823	39.13	\$49.99*
Intel Xeon @ 2.00GHz	11327	309	NA	NA
Intel Xeon @ 2.20GHz	1902	1853	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5646	845	18.82	\$299.95*
Intel Xeon Bronze 3106 @ 1.70GHz	6791	720	19.06	\$356.27*
Intel Xeon D-1518 @ 2.20GHz	5322	905	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	835	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	701	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	574	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9643	431	27.71	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	8445	554	14.79	\$571.00*
Intel Xeon D-1539 @ 1.60GHz	8443	555	17.37	\$486.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1540 @ 2.00GHz	10740	340	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11083	318	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	344	19.24	\$555.00*
Intel Xeon D-1557 @ 1.50GHz	10950	328	15.78	\$694.00*
Intel Xeon D-1559 @ 1.50GHz	8055	591	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	205	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	218	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8150	581	38.26	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	261	23.13	\$555.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-2143IT @ 2.20GHz	13816	226	24.41	\$566.00*
Intel Xeon D-2146NT @ 2.30GHz	10968	326	17.11	\$641.00*
Intel Xeon D-2183IT @ 2.20GHz	19381	104	10.99	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6256	773	130.34	\$48.00*
Intel Xeon E3-1220 V2 @ 3.10GHz	6739	728	114.45	\$58.89*
Intel Xeon E3-1220 v3 @ 3.10GHz	7186	686	53.64	\$133.99*
Intel Xeon E3-1220 v5 @ 3.00GHz	7774	628	29.18	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7752	631	36.64	\$211.59*
Intel Xeon E3-1220L @ 2.20GHz	3606	1248	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	1073	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2070	1772	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	6102	792	95.37	\$63.99*
Intel Xeon E3-1225 V2 @ 3.20GHz	6978	702	101.14	\$69.00*
Intel Xeon E3-1225 v3 @ 3.20GHz	7256	678	53.36	\$135.99*
Intel Xeon E3-1225 v5 @ 3.30GHz	7829	621	29.21	\$268.04*
Intel Xeon E3-1225 v6 @ 3.30GHz	7958	608	34.04	\$233.80*
Intel Xeon E3-1226 v3 @ 3.30GHz	7584	647	12.75	\$595.00*
Intel Xeon E3-1230 @ 3.20GHz	7852	617	81.81	\$95.99*
Intel Xeon E3-1230 V2 @ 3.30GHz	8870	515	113.72	\$78.00*
Intel Xeon E3-1230 v3 @ 3.30GHz	9327	460	43.38	\$215.00*
Intel Xeon E3-1230 v5 @ 3.40GHz	9761	423	28.58	\$341.53*
Intel Xeon E3-1230 v6 @ 3.50GHz	9802	416	35.13	\$279.00*
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	681	25.12	\$287.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1231 v3 @ 3.40GHz	9632	434	18.89	\$509.95*
Intel Xeon E3-1235 @ 3.20GHz	7759	630	31.80	\$244.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	755	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7977	607	81.40	\$98.00*
Intel Xeon E3-1240 V2 @ 3.40GHz	9152	477	72.69	\$125.91*
Intel Xeon E3-1240 v3 @ 3.40GHz	9681	428	25.19	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10322	365	30.21	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10487	360	36.40	\$288.10*
Intel Xeon E3-1240L v3 @ 2.00GHz	7486	654	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7746	632	27.87	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10022	389	27.09	\$369.99*
Intel Xeon E3-1245 @ 3.30GHz	8042	592	75.88	\$105.99*
Intel Xeon E3-1245 V2 @ 3.40GHz	9133	479	58.18	\$156.99*
Intel Xeon E3-1245 v3 @ 3.40GHz	9591	435	37.61	\$255.00*
Intel Xeon E3-1245 v5 @ 3.50GHz	10169	377	29.45	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10550	353	30.64	\$344.34*
Intel Xeon E3-1246 v3 @ 3.50GHz	9864	408	24.12	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6240	774	111.40	\$56.02*
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	374	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	5961	807	6.49	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7479	656	50.54	\$148.00*
Intel Xeon E3-1265L v3 @ 2.50GHz	9204	475	12.97	\$709.95*
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	487	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	618	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	529	19.05	\$456.54*
Intel Xeon E3-1270 @ 3.40GHz	8244	571	26.17	\$315.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1270 V2 @ 3.50GHz	9473	445	49.86	\$189.99*
Intel Xeon E3-1270 v3 @ 3.50GHz	9922	402	49.61	\$199.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10279	369	24.80	\$414.49*
Intel Xeon E3-1270 v6 @ 3.80GHz	11171	314	31.92	\$349.99*
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	341	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10117	381	11.39	\$888.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1275 @ 3.40GHz	8111	587	26.68	\$304.00*
Intel Xeon E3-1275 V2 @ 3.50GHz	9424	452	23.88	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	10048	386	25.06	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10353	364	27.28	\$379.52*
Intel Xeon E3-1275 v6 @ 3.80GHz	11028	320	28.24	\$390.55*
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	510	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10241	372	9.54	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8420	559	25.35	\$332.20*
Intel Xeon E3-1280 V2 @ 3.60GHz	9444	450	26.23	\$360.00*
Intel Xeon E3-1280 v3 @ 3.60GHz	9769	422	21.76	\$449.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	10620	348	15.39	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11041	319	20.91	\$528.13*
Intel Xeon E3-1281 v3 @ 3.70GHz	10031	387	11.43	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10509	359	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	358	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11992	291	18.58	\$645.40*
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	397	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	327	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	404	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	443	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8768	523	9.91	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9654	430	10.91	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	765	NA	NA
Intel Xeon E3-1505L v6 @ 2.20GHz	7887	613	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8958	502	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9674	429	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10016	391	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9323	462	14.97	\$623.00*
Intel Xeon E3-1535M v6 @ 3.10GHz	10531	355	16.90	\$623.00*
Intel Xeon E3-1545M v5 @ 2.90GHz	10283	368	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10616	349	8.80	\$1,207.00*
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	338	19.42	\$556.00*
Intel Xeon E3-1585L v5 @ 3.00GHz	10248	371	23.03	\$445.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1410 @ 2.80GHz	7265	677	148.31	\$48.99*
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	661	NA	NA
Intel Xeon E5-1428L v2 @ 2.20GHz	8679	535	17.57	\$494.00*
Intel Xeon E5-1603 @ 2.80GHz	5578	857	279.36	\$19.97*
Intel Xeon E5-1603 v3 @ 2.80GHz	6224	777	62.25	\$99.99*
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	757	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5871	816	210.06	\$27.95*
Intel Xeon E5-1607 v2 @ 3.00GHz	6217	778	177.91	\$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	7029	697	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7270	676	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1620 @ 3.60GHz	9069	485	27.49	\$329.93*
Intel Xeon E5-1620 v2 @ 3.70GHz	9497	442	161.01	\$58.99*
Intel Xeon E5-1620 v3 @ 3.50GHz	9747	424	76.22	\$127.88*
Intel Xeon E5-1620 v4 @ 3.50GHz	9903	403	32.65	\$303.34*
Intel Xeon E5-1630 v3 @ 3.70GHz	10228	373	21.40	\$477.99*
Intel Xeon E5-1630 v4 @ 3.70GHz	10299	367	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11736	298	23.71	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12757	264	117.09	\$108.95*
Intel Xeon E5-1650 v3 @ 3.50GHz	13631	234	104.86	\$129.99*
Intel Xeon E5-1650 v4 @ 3.60GHz	14211	213	27.98	\$508.00*
Intel Xeon E5-1660 @ 3.30GHz	12215	285	9.96	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13919	221	49.36	\$281.99*
Intel Xeon E5-1660 v3 @ 3.00GHz	14656	200	9.07	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16162	157	13.15	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16213	155	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16317	152	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17063	133	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	118	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1271	73.80	\$47.75*
Intel Xeon E5-2403 v2 @ 1.80GHz	3590	1255	161.73	\$22.20*
Intel Xeon E5-2407 @ 2.20GHz	4188	1121	49.32	\$84.92*
Intel Xeon E5-2407 v2 @ 2.40GHz	4724	1009	13.13	\$359.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2418L @ 2.00GHz	5202	918	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7063	695	18.11	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8797	519	211.63	\$41.57*
Intel Xeon E5-2430 @ 2.20GHz	7695	636	25.23	\$304.99*
Intel Xeon E5-2430 v2 @ 2.50GHz	9061	486	207.26	\$43.72*
Intel Xeon E5-2430L @ 2.00GHz	7834	620	242.71	\$32.28*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	742	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9221	473	230.59	\$39.99*
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	465	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	504	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10387	361	173.21	\$59.97*
Intel Xeon E5-2450L @ 1.80GHz	8261	570	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	10982	324	85.80	\$128.00*
Intel Xeon E5-2470 v2 @ 2.40GHz	11268	312	66.33	\$169.88*
Intel Xeon E5-2603 @ 1.80GHz	3591	1254	75.05	\$47.85*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1209	39.86	\$94.48*
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	922	77.05	\$67.23*
Intel Xeon E5-2603 v4 @ 1.70GHz	5504	870	21.17	\$260.00*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	616	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4616	1029	165.19	\$27.95*
Intel Xeon E5-2609 v2 @ 2.50GHz	5160	925	166.51	\$30.99*
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	812	55.66	\$106.03*
Intel Xeon E5-2609 v4 @ 1.70GHz	6925	710	19.25	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	288	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	202	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7904	610	91.70	\$86.20*
Intel Xeon E5-2620 v2 @ 2.10GHz	8621	538	64.60	\$133.47*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2620 v3 @ 2.40GHz	9980	398	112.14	\$89.00*
Intel Xeon E5-2620 v4 @ 2.10GHz	11324	310	29.26	\$387.00*
Intel Xeon E5-2623 v3 @ 3.00GHz	8987	496	13.85	\$649.00*
Intel Xeon E5-2623 v4 @ 2.60GHz	8506	548	15.50	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	455	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	280	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	253	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	321	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8928	506	223.54	\$39.94*
Intel Xeon E5-2630 v2 @ 2.60GHz	10378	362	236.20	\$43.94*
Intel Xeon E5-2630 v3 @ 2.40GHz	12797	262	139.12	\$91.99*
Intel Xeon E5-2630 v4 @ 2.20GHz	13902	223	24.87	\$559.00*
Intel Xeon E5-2630L @ 2.00GHz	8080	589	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	483	244.64	\$37.15*
Intel Xeon E5-2630L v3 @ 1.80GHz	9839	413	28.94	\$339.95*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	260	NA	NA
Intel Xeon E5-2637 @ 3.00GHz	4508	1054	5.09	\$885.00*
Intel Xeon E5-2637 v2 @ 3.50GHz	9262	468	132.34	\$69.99*
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	380	86.09	\$117.53*
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	357	4.76	\$2,208.95*
Intel Xeon E5-2640 @ 2.50GHz	9416	453	92.66	\$101.63*
Intel Xeon E5-2640 v2 @ 2.00GHz	10213	375	254.33	\$40.16*
Intel Xeon E5-2640 v3 @ 2.60GHz	13811	227	102.31	\$135.00*
Intel Xeon E5-2640 v4 @ 2.40GHz	15420	181	16.76	\$920.27*
Intel Xeon E5-2643 @ 3.30GHz	8453	552	143.36	\$58.97*
Intel Xeon E5-2643 v2 @ 3.50GHz	13121	251	94.41	\$138.99*
Intel Xeon E5-2643 v3 @ 3.40GHz	13887	224	53.41	\$259.99*
Intel Xeon E5-2643 v4 @ 3.40GHz	13475	244	7.48	\$1,801.96*
Intel Xeon E5-2648L @ 1.80GHz	6698	735	NA	NA
Intel Xeon E5-2648L v2 @ 1.90GHz	11381	306	7.70	\$1,479.00*
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	305	7.30	\$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	233	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	199	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10261	370	235.91	\$43.50*
Intel Xeon E5-2650 v2 @ 2.60GHz	13195	249	150.65	\$87.59*
Intel Xeon E5-2650 v3 @ 2.30GHz	14883	195	114.50	\$129.99*
Intel Xeon E5-2650 v4 @ 2.20GHz	15483	180	15.35	\$1,009.00*
Intel Xeon E5-2650L @ 1.80GHz	8483	550	63.69	\$133.20*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	406	131.74	\$75.00*
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	240	58.19	\$232.22*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	217	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	311	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9632	433	6.59	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	225	77.09	\$179.99*
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	154	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	17275	129	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11262	313	100.05	\$112.57*
Intel Xeon E5-2660 v2 @ 2.20GHz	13161	250	61.82	\$212.89*
Intel Xeon E5-2660 v3 @ 2.60GHz	16532	145	51.67	\$319.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	138	11.25	\$1,499.99*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	219	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11744	297	114.73	\$102.37*
Intel Xeon E5-2667 @ 2.90GHz	10688	342	274.13	\$38.99*
Intel Xeon E5-2667 v2 @ 3.30GHz	16165	156	85.08	\$189.99*
Intel Xeon E5-2667 v3 @ 3.20GHz	16011	163	51.82	\$309.00*
Intel Xeon E5-2667 v4 @ 3.20GHz	16631	144	8.53	\$1,949.03*
Intel Xeon E5-2670 @ 2.60GHz	12373	277	90.92	\$136.10*
Intel Xeon E5-2670 v2 @ 2.50GHz	15021	190	71.87	\$209.00*
Intel Xeon E5-2670 v3 @ 2.30GHz	16778	139	108.25	\$154.99*
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	151	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16416	148	23.45	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21300	72	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15137	187	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17608	126	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16993	134	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	39	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12888	258	203.71	\$63.27*
Intel Xeon E5-2680 v2 @ 2.80GHz	15888	169	113.01	\$140.60*
Intel Xeon E5-2680 v3 @ 2.50GHz	18430	115	87.77	\$209.99*
Intel Xeon E5-2680 v4 @ 2.40GHz	19775	94	13.10	\$1,509.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	83	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17325	128	33.97	\$509.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	18863	109	8.54	\$2,208.93*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	191	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	105	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	93	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14340	210	69.28	\$207.00*
Intel Xeon E5-2687W v2 @ 3.40GHz	16343	150	48.79	\$335.00*
Intel Xeon E5-2687W v3 @ 3.10GHz	17795	122	30.16	\$589.99*
Intel Xeon E5-2687W v4 @ 3.00GHz	19863	90	9.13	\$2,174.99*
Intel Xeon E5-2689 @ 2.60GHz	13324	247	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	96	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13737	230	106.24	\$129.31*
Intel Xeon E5-2690 v2 @ 3.00GHz	16391	149	60.13	\$272.58*
Intel Xeon E5-2690 v3 @ 2.60GHz	18959	107	84.27	\$225.00*
Intel Xeon E5-2690 v4 @ 2.60GHz	21167	75	9.75	\$2,169.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	162	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	16041	160	61.70	\$259.99*
Intel Xeon E5-2695 v3 @ 2.30GHz	19710	98	40.23	\$489.99*
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	85	3.49	\$5,808.00*
Intel Xeon E5-2696 v2 @ 2.50GHz	16920	137	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22172	59	8.88	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	73	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17170	131	55.57	\$309.00*
Intel Xeon E5-2697 v3 @ 2.60GHz	21425	71	43.73	\$490.00*
Intel Xeon E5-2697 v4 @ 2.30GHz	21435	70	7.02	\$3,054.99*
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	57	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	77	34.55	\$609.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	66	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22340	58	18.48	\$1,209.00*
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	52	5.53	\$4,239.00*
Intel Xeon E5-2699A v4 @ 2.40GHz	22948	56	4.65	\$4,938.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-4603 @ 2.00GHz	5014	957	89.27	\$56.17*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	472	NA	NA
Intel Xeon E5-4610 @ 2.40GHz	9552	437	7.81	\$1,223.00*
Intel Xeon E5-4610 v3 @ 1.70GHz	8853	517	7.26	\$1,219.00*
Intel Xeon E5-4617 @ 2.90GHz	9313	464	103.59	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	9248	470	68.91	\$134.21*
Intel Xeon E5-4627 v2 @ 3.30GHz	12511	274	24.58	\$508.95*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	204	6.04	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	178	6.97	\$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10807	337	3.96	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	266	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	317	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11685	301	166.96	\$69.99*
Intel Xeon E5-4650L @ 2.60GHz	12145	289	161.98	\$74.98*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	281	2.66	\$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	168	11.36	\$1,399.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	170	3.30	\$4,800.00*
Intel Xeon E5-4669 v3 @ 2.10GHz	19615	102	3.63	\$5,400.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	235	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1392	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2159	1736	93.93	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1629	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1706	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	2100	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1630	27.31	\$88.78*
Intel Xeon E5310 @ 1.60GHz	2214	1717	45.19	\$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1680	59.05	\$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1599	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2886	1477	72.17	\$39.99*
Intel Xeon E5405 @ 2.00GHz	2835	1487	70.97	\$39.95*
Intel Xeon E5410 @ 2.33GHz	3261	1339	15.61	\$208.95*
Intel Xeon E5420 @ 2.50GHz	3477	1285	55.23	\$62.95*
Intel Xeon E5430 @ 2.66GHz	3751	1215	24.21	\$154.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5440 @ 2.83GHz	3956	1164	39.97	\$99.00*
Intel Xeon E5450 @ 3.00GHz	4179	1124	13.98	\$298.94*
Intel Xeon E5462 @ 2.80GHz	3872	1181	141.84	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4086	1141	136.03	\$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	2114	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1381	2111	4.81	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2680	1538	38.32	\$69.95*
Intel Xeon E5506 @ 2.13GHz	2975	1438	47.22	\$63.01*
Intel Xeon E5507 @ 2.27GHz	3125	1389	6.84	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4376	1083	90.22	\$48.51*
Intel Xeon E5530 @ 2.40GHz	4494	1058	345.72	\$13.00*
Intel Xeon E5540 @ 2.53GHz	4747	1007	80.46	\$59.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5603 @ 1.60GHz	2364	1656	18.32	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1414	18.29	\$167.00*
Intel Xeon E5607 @ 2.27GHz	3371	1311	48.71	\$69.21*
Intel Xeon E5620 @ 2.40GHz	4770	1001	80.87	\$58.99*
Intel Xeon E5630 @ 2.53GHz	5055	943	144.43	\$35.00*
Intel Xeon E5640 @ 2.67GHz	5250	909	187.60	\$27.99*
Intel Xeon E5645 @ 2.40GHz	6422	760	78.99	\$81.31*
Intel Xeon E5649 @ 2.53GHz	6869	714	66.01	\$104.07*
Intel Xeon E7320 @ 2.13GHz	2413	1633	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7825	622	40.54	\$193.00*
Intel Xeon E-2124 @ 3.30GHz	9415	454	42.80	\$219.99*
Intel Xeon E-2124G @ 3.40GHz	9891	405	38.52	\$256.76*
Intel Xeon E-2126G @ 3.30GHz	13583	237	45.28	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10882	332	37.92	\$286.99*
Intel Xeon E-2136 @ 3.30GHz	15793	172	49.13	\$321.49*
Intel Xeon E-2144G @ 3.60GHz	11532	304	32.77	\$351.90*
Intel Xeon E-2146G @ 3.50GHz	15591	176	43.92	\$354.99*
Intel Xeon E-2174G @ 3.80GHz	12278	283	30.47	\$402.99*
Intel Xeon E-2176G @ 3.70GHz	15592	175	37.94	\$410.95*
Intel Xeon E-2176M @ 2.70GHz	13566	238	30.15	\$450.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2186G @ 3.80GHz	15838	171	30.17	\$524.99*
Intel Xeon E-2186M @ 2.90GHz	14525	203	23.32	\$623.00*
Intel Xeon E-2224 @ 3.40GHz	10096	383	50.99	\$198.00*
Intel Xeon E-2224G @ 3.50GHz	9863	409	45.25	\$218.00*
Intel Xeon E-2226G @ 3.40GHz	12887	259	49.57	\$260.00*
Intel Xeon E-2236 @ 3.40GHz	15781	173	54.61	\$289.00*
Intel Xeon E-2244G @ 3.80GHz	12782	263	46.99	\$272.00*
Intel Xeon E-2246G @ 3.60GHz	16023	161	51.52	\$311.00*
Intel Xeon E-2254ML @ 1.70GHz	9458	448	NA	NA
Intel Xeon E-2274G @ 4.00GHz	12595	272	37.71	\$334.00*
Intel Xeon E-2276G @ 3.80GHz	14143	215	39.07	\$362.00*
Intel Xeon E-2276M @ 2.80GHz	14442	206	32.09	\$450.00*
Intel Xeon E-2278G @ 3.40GHz	17670	123	35.77	\$494.00*
Intel Xeon E-2278GEL @ 2.00GHz	13914	222	28.17	\$494.00*
Intel Xeon E-2286G @ 4.00GHz	16671	143	37.05	\$450.00*
Intel Xeon E-2286M @ 2.40GHz	18338	116	29.44	\$623.00*
Intel Xeon E-2288G @ 3.70GHz	19658	100	36.47	\$539.00*
Intel Xeon Gold 5117 @ 2.00GHz	16672	142	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16435	146	15.21	\$1,080.87*
Intel Xeon Gold 5120 @ 2.20GHz	18253	117	11.69	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	120	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10896	331	8.38	\$1,299.95*
Intel Xeon Gold 5218 @ 2.30GHz	21189	74	15.29	\$1,385.56*
Intel Xeon Gold 6126 @ 2.60GHz	19711	97	10.43	\$1,889.97*
Intel Xeon Gold 6128 @ 3.40GHz	14941	193	8.30	\$1,799.99*
Intel Xeon Gold 6130 @ 2.10GHz	19643	101	11.02	\$1,783.09*
Intel Xeon Gold 6132 @ 2.60GHz	23907	49	10.87	\$2,199.90*
Intel Xeon Gold 6134 @ 3.20GHz	18206	119	8.06	\$2,260.00*
Intel Xeon Gold 6136 @ 3.00GHz	21034	78	8.05	\$2,613.59*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 6137 @ 3.90GHz	20443	82	NA	NA
Intel Xeon Gold 6138 @ 2.00GHz	25421	35	9.70	\$2,619.49*
Intel Xeon Gold 6140 @ 2.30GHz	23964	48	9.82	\$2,439.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 6144 @ 3.50GHz	19667	99	6.41	\$3,070.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	41	5.46	\$4,608.95*
Intel Xeon Gold 6148 @ 2.40GHz	25817	31	8.83	\$2,925.00*
Intel Xeon Gold 6152 @ 2.10GHz	23498	51	5.64	\$4,164.73*
Intel Xeon Gold 6154 @ 3.00GHz	27722	24	7.45	\$3,718.95*
Intel Xeon Gold 6210U @ 2.50GHz	28560	19	13.87	\$2,059.86*
Intel Xeon Gold 6212U @ 2.40GHz	28060	23	14.03	\$2,000.00*
Intel Xeon Gold 6230 @ 2.10GHz	24600	42	12.21	\$2,013.99*
Intel Xeon Gold 6242 @ 2.80GHz	25313	37	9.49	\$2,667.66*
Intel Xeon Gold 6246 @ 3.30GHz	25734	33	7.83	\$3,286.00*
Intel Xeon Gold 6254 @ 3.10GHz	30018	15	8.09	\$3,709.00*
Intel Xeon L3110 @ 3.00GHz	2273	1689	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1210	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2135	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3943	1172	8.82	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1897	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1691	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1686	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1743	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1517	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3014	1422	NA	NA
Intel Xeon L5410 @ 2.33GHz	3358	1312	33.56	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3501	1280	127.32	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3721	1223	23.56	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1226	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4324	1096	337.35	\$12.82*
Intel Xeon L5530 @ 2.40GHz	4389	1081	227.93	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4338	1092	206.69	\$20.99*
Intel Xeon L5638 @ 2.00GHz	5622	848	80.43	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6869	713	NA	NA
Intel Xeon L5640 @ 2.27GHz	6232	776	74.77	\$83.36*
Intel Xeon L7455 @ 2.13GHz	3836	1191	NA	NA
Intel Xeon MV 3.20GHz	683	2503	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Platinum 8124M @ 3.00GHz	26835	28	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	707	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	17	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	18	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	22	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	24434	47	2.80	\$8,725.00*
Intel Xeon Platinum 8268 @ 2.90GHz	31689	12	5.63	\$5,630.00*
Intel Xeon Silver 4108 @ 1.80GHz	10671	345	20.93	\$509.95*
Intel Xeon Silver 4109T @ 2.00GHz	10946	329	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11657	302	25.68	\$454.02*
Intel Xeon Silver 4112 @ 2.60GHz	8526	547	16.59	\$513.99*
Intel Xeon Silver 4114 @ 2.20GHz	14333	211	24.89	\$575.89*
Intel Xeon Silver 4116 @ 2.10GHz	15509	179	17.15	\$904.25*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Silver 4123 @ 3.00GHz	15185	186	NA	NA
Intel Xeon Silver 4208 @ 2.10GHz	13116	252	25.13	\$521.97*
Intel Xeon Silver 4210 @ 2.20GHz	15898	167	26.15	\$608.00*
Intel Xeon Silver 4214 @ 2.20GHz	17630	124	21.49	\$820.58*
Intel Xeon Silver 4215 @ 2.50GHz	15200	185	15.89	\$956.57*
Intel Xeon Silver 4216 @ 2.10GHz	19538	103	19.36	\$1,009.00*
Intel Xeon W3503 @ 2.40GHz	1757	1921	175.90	\$9.99*
Intel Xeon W3505 @ 2.53GHz	1839	1887	73.98	\$24.86*
Intel Xeon W3520 @ 2.67GHz	4940	968	102.92	\$48.00*
Intel Xeon W3530 @ 2.80GHz	5215	917	17.74	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5399	887	271.06	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5565	860	185.57	\$29.99*
Intel Xeon W3565 @ 3.20GHz	5775	830	288.94	\$19.99*
Intel Xeon W3570 @ 3.20GHz	6032	803	12.57	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6183	781	28.83	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8021	596	16.04	\$499.99*
Intel Xeon W3680 @ 3.33GHz	8903	508	55.66	\$159.95*
Intel Xeon W3690 @ 3.47GHz	8965	499	45.97	\$195.01*
Intel Xeon W5580 @ 3.20GHz	5836	823	84.59	\$68.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W5590 @ 3.33GHz	6088	797	2.43	\$2,508.95*
Intel Xeon W-2102 @ 2.90GHz	6981	700	29.70	\$235.05*
Intel Xeon W-2104 @ 3.20GHz	7418	664	29.09	\$255.00*
Intel Xeon W-2123 @ 3.60GHz	10663	346	33.12	\$321.99*
Intel Xeon W-2125 @ 4.00GHz	12307	279	20.22	\$608.73*
Intel Xeon W-2133 @ 3.60GHz	14384	207	23.31	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16305	153	18.17	\$897.27*
Intel Xeon W-2140B @ 3.20GHz	18620	111	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19766	95	16.45	\$1,201.93*
Intel Xeon W-2150B @ 3.00GHz	21451	69	NA	NA
Intel Xeon W-2155 @ 3.30GHz	21894	64	14.31	\$1,530.39*
Intel Xeon W-2170B @ 2.50GHz	24561	43	NA	NA
Intel Xeon W-2175 @ 2.50GHz	24454	46	11.79	\$2,073.34*
Intel Xeon W-2195 @ 2.30GHz	24481	45	9.09	\$2,693.26*
Intel Xeon W-3175X @ 3.10GHz	33538	7	9.58	\$3,501.95*
Intel Xeon W-3235 @ 3.30GHz	25759	32	15.75	\$1,635.77*
Intel Xeon W-3265 @ 2.70GHz	31691	11	6.96	\$4,551.37*
Intel Xeon X3210 @ 2.13GHz	2740	1522	14.76	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1401	51.35	\$60.15*
Intel Xeon X3230 @ 2.66GHz	3397	1302	47.51	\$71.50*
Intel Xeon X3320 @ 2.50GHz	3306	1330	14.41	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3177	1367	164.14	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3340	1322	15.91	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1195	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1187	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3925	1176	24.86	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3982	1157	116.82	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	1103	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4600	1035	9.02	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3344	1319	104.54	\$31.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3440 @ 2.53GHz	4510	1053	31.78	\$141.96*
Intel Xeon X3450 @ 2.67GHz	4749	1005	59.41	\$79.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3460 @ 2.80GHz	5147	928	14.42	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5332	900	33.34	\$159.95*
Intel Xeon X3480 @ 3.07GHz	5658	843	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1619	45.47	\$54.00*
Intel Xeon X5270 @ 3.50GHz	2553	1584	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1643	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3170	1371	10.23	\$309.95*
Intel Xeon X5365 @ 3.00GHz	3524	1270	45.19	\$77.99*
Intel Xeon X5450 @ 3.00GHz	4108	1137	68.51	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4320	1097	43.30	\$99.78*
Intel Xeon X5470 @ 3.33GHz	4579	1039	24.23	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4001	1153	17.78	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4528	1051	45.29	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	984	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5270	907	17.29	\$304.85*
Intel Xeon X5560 @ 2.80GHz	5389	889	158.56	\$33.99*
Intel Xeon X5570 @ 2.93GHz	5611	852	23.39	\$239.95*
Intel Xeon X5647 @ 2.93GHz	5797	824	290.91	\$19.93*
Intel Xeon X5650 @ 2.67GHz	7287	673	102.07	\$71.39*
Intel Xeon X5660 @ 2.80GHz	7586	646	120.28	\$63.07*
Intel Xeon X5667 @ 3.07GHz	6198	780	265.70	\$23.33*
Intel Xeon X5670 @ 2.93GHz	7801	624	229.46	\$34.00*
Intel Xeon X5672 @ 3.20GHz	6461	756	143.61	\$44.99*
Intel Xeon X5675 @ 3.07GHz	7993	602	150.85	\$52.99*
Intel Xeon X5677 @ 3.47GHz	6755	725	79.47	\$85.00*
Intel Xeon X5679 @ 3.20GHz	8958	501	NA	NA
Intel Xeon X5680 @ 3.33GHz	8354	564	126.09	\$66.26*
Intel Xeon X5687 @ 3.60GHz	6962	704	174.63	\$39.87*
Intel Xeon X5690 @ 3.47GHz	8782	521	85.98	\$102.15*
Intel Xeon X5698 @ 4.40GHz	4272	1105	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1436	NA	NA
Mobile AMD Athlon 4	314	2806	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2761	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Mobile AMD Athlon 64 2700+</u>	398	2712	NA	NA
<u>Mobile AMD Athlon 64 2800+</u>	440	2663	NA	NA
<u>Mobile AMD Athlon 64 3000+</u>	450	2652	NA	NA
<u>Mobile AMD Athlon 64 3200+</u>	448	2655	NA	NA
<u>Mobile AMD Athlon 64 3400+</u>	511	2594	NA	NA
<u>Mobile AMD Athlon 64 3700+</u>	435	2673	NA	NA
<u>Mobile AMD Athlon 64 4000+</u>	576	2555	NA	NA
<u>Mobile AMD Athlon 1400+</u>	266	2881	NA	NA
<u>Mobile AMD Athlon 2500+</u>	370	2745	NA	NA
<u>Mobile AMD Athlon MP-M 1800+</u>	265	2882	NA	NA
<u>Mobile AMD Athlon MP-M 2000+</u>	378	2735	NA	NA
<u>Mobile AMD Athlon MP-M 2400+</u>	295	2835	NA	NA
<u>Mobile AMD Athlon MP-M 2800+</u>	496	2606	NA	NA
<u>Mobile AMD Athlon XP</u>	572	2559	45.81	\$12.49*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Mobile AMD Athlon XP-M</u>	512	2593	NA	NA
<u>Mobile AMD Athlon XP-M 1400+</u>	184	2963	NA	NA
<u>Mobile AMD Athlon XP-M 1500+</u>	261	2885	NA	NA
<u>Mobile AMD Athlon XP-M 1600+</u>	260	2887	NA	NA
<u>Mobile AMD Athlon XP-M 1700+</u>	323	2794	NA	NA
<u>Mobile AMD Athlon XP-M 1800+</u>	297	2830	NA	NA
<u>Mobile AMD Athlon XP-M 1900+</u>	342	2778	NA	NA
<u>Mobile AMD Athlon XP-M 2000+</u>	300	2824	NA	NA
<u>Mobile AMD Athlon XP-M 2200+</u>	364	2754	NA	NA
<u>Mobile AMD Athlon XP-M 2400+</u>	346	2773	NA	NA
<u>Mobile AMD Athlon XP-M 2500+</u>	346	2771	NA	NA
<u>Mobile AMD Athlon XP-M 2600+</u>	370	2744	NA	NA
<u>Mobile AMD Athlon XP-M 2800+</u>	365	2753	NA	NA
<u>Mobile AMD Athlon XP-M 3000+</u>	365	2752	NA	NA
<u>Mobile AMD Athlon XP-M 3100+</u>	440	2664	NA	NA
<u>Mobile AMD Athlon XP-M 3200+</u>	487	2612	NA	NA
<u>Mobile AMD Athlon XP-M (LV)</u>	508	2597	NA	NA
<u>Mobile AMD Athlon XP-M (LV) 1500+</u>	288	2843	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M (LV) 1600+	296	2834	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2783	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2742	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2628	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2600	NA	NA
Mobile AMD Sempron 2100+	252	2896	NA	NA
Mobile AMD Sempron 2600+	394	2718	NA	NA
Mobile AMD Sempron 2800+	364	2755	NA	NA
Mobile AMD Sempron 3000+	389	2729	NA	NA
Mobile AMD Sempron 3100+	416	2686	NA	NA
Mobile AMD Sempron 3200+	354	2765	NA	NA
Mobile AMD Sempron 3300+	446	2659	NA	NA
Mobile AMD Sempron 3400+	441	2662	NA	NA
Mobile AMD Sempron 3500+	408	2696	NA	NA
Mobile AMD Sempron 3600+	427	2680	NA	NA
Mobile AMD Sempron 3800+	485	2617	NA	NA
Mobile Intel Celeron 1.20GHz	170	2974	NA	NA
Mobile Intel Celeron 1.50GHz	188	2958	NA	NA
Mobile Intel Celeron 1.60GHz	188	2959	NA	NA
Mobile Intel Celeron 1.70GHz	181	2967	NA	NA
Mobile Intel Celeron 1.80GHz	186	2961	NA	NA
Mobile Intel Celeron 2.00GHz	204	2943	NA	NA
Mobile Intel Celeron 2.20GHz	226	2923	NA	NA
Mobile Intel Celeron 2.40GHz	236	2915	NA	NA
Mobile Intel Celeron 2.50GHz	281	2862	NA	NA
Mobile Intel Celeron 1200MHz	294	2836	NA	NA
Mobile Intel Celeron 1333MHz	280	2864	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2869	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2884	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2866	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2804	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 3.06GHz	337	2780	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 3.20GHz	356	2762	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2665	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2625	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2952	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2973	1.10	\$157.81*
Mobile Intel Pentium 4 - M 1.80GHz	175	2970	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2918	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2947	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2949	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2933	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2891	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2808	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2936	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2948	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2899	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2841	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2924	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2842	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1605	NA	NA
Quad-Core AMD Opteron 1385	3442	1293	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3446	1292	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1457	NA	NA
VIA C3 Ezra	100	3002	NA	NA
VIA C7 1500MHz	284	2853	NA	NA
VIA C7-D 1500MHz	287	2849	NA	NA
VIA C7-D 1800MHz	203	2944	NA	NA
VIA C7-D 2000MHz	368	2748	NA	NA
VIA C7-M 1000MHz	164	2976	NA	NA
VIA C7-M 1200MHz	140	2989	NA	NA
VIA C7-M 1600MHz	178	2969	NA	NA
VIA C7-M 6300MHz	222	2926	NA	NA
VIA Eden 800MHz	155	2980	NA	NA
VIA Eden 1000MHz	123	2997	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>VIA Eden 1200MHz</u>	142	2988	NA	NA
<u>VIA Eden C1050@1.06GHz</u>	352	2768	NA	NA
<u>VIA Eden X2 U4200 @ 1.0+ GHz</u>	499	2603	NA	NA
<u>VIA Eden X4 C4250 @ 1.2+GHz</u>	1262	2184	NA	NA
<u>VIA Esther 1000MHz</u>	146	2987	NA	NA
<u>VIA Esther 1300MHz</u>	250	2898	NA	NA
<u>VIA Esther 1500MHz</u>	195	2953	NA	NA
<u>VIA Esther 2000MHz</u>	394	2717	NA	NA
<u>VIA Nano L1900@1400MHz</u>	457	2645	NA	NA
<u>VIA Nano L2007@1600MHz</u>	369	2746	NA	NA
<u>VIA Nano L2100@1800MHz</u>	428	2678	NA	NA
<u>VIA Nano L2207@1600MHz</u>	296	2832	NA	NA
<u>VIA Nano L3025@1600MHz</u>	517	2590	NA	NA
<u>VIA Nano L3050@1800MHz</u>	581	2552	NA	NA
<u>VIA Nano L3600@2000MHz</u>	645	2519	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>VIA Nano U2250 (1.6GHz Capable)</u>	415	2687	NA	NA
<u>VIA Nano U2250@1300+MHz</u>	274	2872	NA	NA
<u>VIA Nano U2500@1200MHz</u>	306	2815	NA	NA
<u>VIA Nano U3100 (1.6GHz Capable)</u>	501	2601	NA	NA
<u>VIA Nano U3300@1200MHz</u>	409	2694	NA	NA
<u>VIA Nano U3500@1000MHz</u>	272	2873	NA	NA
<u>VIA Nano X2 U4025 @ 1.2 GHz</u>	605	2537	NA	NA
<u>VIA Nehemiah</u>	155	2981	NA	NA
<u>VIA QuadCore C4650@2.0GHz</u>	1897	1855	NA	NA
<u>VIA QuadCore L4700 @ 1.2+ GHz</u>	1363	2122	NA	NA
<u>VIA QuadCore U4650 @ 1.0+ GHz</u>	1173	2232	NA	NA
<u>VIA Samuel 2</u>	79	3004	NA	NA
<u>ZHAOXIN KaiXian KX-U6780A@2.7GHz</u>	5760	834	NA	NA
<u>ZHAOXIN KaiXian ZX-C+ C4700@2.0GHz</u>	2069	1773	NA	NA

* - Last price seen from our affiliates.

Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	338	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	158	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	444	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	450	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	496	NA	NA
[Dual CPU] AMD EPYC 7251	12955	215	12.30	\$1,053.14*
[Dual CPU] AMD EPYC 7261	12430	221	6.15	\$2,019.96*
[Dual CPU] AMD EPYC 7281	15152	185	11.07	\$1,369.22*
[Dual CPU] AMD EPYC 7371	19370	139	6.25	\$3,100.00*
[Dual CPU] AMD EPYC 7401	23518	84	7.36	\$3,197.42*
[Dual CPU] AMD EPYC 7451	28957	49	6.10	\$4,743.30*
[Dual CPU] AMD EPYC 7501	28991	48	5.69	\$5,097.34*
[Dual CPU] AMD EPYC 7542	46721	3	NA	NA
[Dual CPU] AMD EPYC 7551	31452	36	11.08	\$2,839.80*
[Dual CPU] AMD EPYC 7601	33545	28	4.74	\$7,075.88*
[Dual CPU] AMD EPYC 7742	55574	1	4.00	\$13,900.00*
[Dual CPU] AMD Opteron 246	1130	485	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	486	5.27	\$199.90*
[Dual CPU] AMD Opteron 250	1438	481	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	482	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	491	NA	NA
[Dual CPU] AMD Opteron 256	1853	478	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	476	13.77	\$146.00*
[Dual CPU] AMD Opteron 270	2226	472	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	475	13.00	\$164.10*
[Dual CPU] AMD Opteron 280	2452	467	18.86	\$130.00*
[Dual CPU] AMD Opteron 285	2769	457	17.32	\$159.90*
[Dual CPU] AMD Opteron 290	2716	459	10.06	\$270.00*
[Dual CPU] AMD Opteron 850	1410	483	0.47	\$3,028.00*
[Dual CPU] AMD Opteron 885	2851	452	NA	NA
[Dual CPU] AMD Opteron 2212	2203	473	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	468	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	466	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2216	2485	465	48.16	\$51.60*
[Dual CPU] AMD Opteron 2216 HE	2593	461	NA	NA
[Dual CPU] AMD Opteron 2218	2732	458	17.09	\$159.90*
[Dual CPU] AMD Opteron 2218 HE	2514	462	NA	NA
[Dual CPU] AMD Opteron 2220	2839	453	17.75	\$159.90*
[Dual CPU] AMD Opteron 2220 SE	2882	451	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	448	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	442	45.30	\$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	432	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	439	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	433	25.50	\$159.90*
[Dual CPU] AMD Opteron 2354	4554	421	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	424	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	403	75.93	\$70.00*
[Dual CPU] AMD Opteron 2373 EE	4164	430	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	417	36.92	\$130.00*
[Dual CPU] AMD Opteron 2376	5238	404	15.70	\$333.62*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2378	5318	402	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5560	395	61.78	\$90.00*
[Dual CPU] AMD Opteron 2384	5449	397	3.24	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	375	NA	NA
[Dual CPU] AMD Opteron 2389	5677	389	48.11	\$118.00*
[Dual CPU] AMD Opteron 2419	5191	406	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	376	NA	NA
[Dual CPU] AMD Opteron 2427	5907	386	45.44	\$130.00*
[Dual CPU] AMD Opteron 2431	6438	369	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7068	354	54.37	\$130.00*
[Dual CPU] AMD Opteron 2439 SE	8071	324	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	434	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	391	24.58	\$229.90*
[Dual CPU] AMD Opteron 4170 HE	6344	372	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	370	7.77	\$819.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 4184	7813	328	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	323	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	325	NA	NA
[Dual CPU] AMD Opteron 4234	8953	298	19.46	\$459.98*
[Dual CPU] AMD Opteron 4274 HE	6797	360	84.98	\$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	283	NA	NA
[Dual CPU] AMD Opteron 4280	4525	422	45.25	\$100.00*
[Dual CPU] AMD Opteron 4284	9151	291	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9462	289	21.86	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	262	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	270	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11410	243	40.75	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	361	178.04	\$37.98*
[Dual CPU] AMD Opteron 6128 HE	5582	394	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	308	NA	NA
[Dual CPU] AMD Opteron 6134	7586	340	86.22	\$87.98*
[Dual CPU] AMD Opteron 6136	7255	348	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	409	NA	NA
[Dual CPU] AMD Opteron 6168	7741	334	6.67	\$1,159.90*
[Dual CPU] AMD Opteron 6172	7621	339	19.24	\$396.00*
[Dual CPU] AMD Opteron 6174	7783	330	59.87	\$130.00*
[Dual CPU] AMD Opteron 6176 SE	8448	313	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	445	16.40	\$189.90*
[Dual CPU] AMD Opteron 6204	7134	350	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	302	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10558	258	88.00	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	275	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	264	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	9818	279	70.14	\$139.98*
[Dual CPU] AMD Opteron 6274	10536	259	117.09	\$89.98*
[Dual CPU] AMD Opteron 6275	10900	255	NA	NA
[Dual CPU] AMD Opteron 6276	10101	274	29.88	\$338.00*
[Dual CPU] AMD Opteron 6284 SE	11985	236	17.12	\$699.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6308	8349	315	13.47	\$619.96*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6320	10716	257	20.88	\$513.18*
[Dual CPU] AMD Opteron 6328	12013	235	16.73	\$718.00*
[Dual CPU] AMD Opteron 6344	11203	248	14.40	\$778.00*
[Dual CPU] AMD Opteron 6348	11412	242	18.64	\$612.20*
[Dual CPU] AMD Opteron 6366 HE	12147	229	202.52	\$59.98*
[Dual CPU] AMD Opteron 6376	10452	261	80.40	\$130.00*
[Dual CPU] AMD Opteron 6378	9145	292	24.07	\$380.00*
[Dual CPU] AMD Opteron 6380	14200	195	120.34	\$118.00*
[Dual CPU] AMD Opteron 6386 SE	12195	228	42.05	\$289.98*
[Dual CPU] AMD Opteron 8218	2831	454	61.54	\$46.00*
[Dual CPU] AMD Opteron 8220	2510	464	15.70	\$159.90*
[Dual CPU] AMD Opteron 8222 SE	2793	456	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	443	67.15	\$48.00*
[Dual CPU] AMD Opteron 8380	5643	392	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	405	NA	NA
[Dual CPU] AMD Opteron 8389	6517	366	41.25	\$158.00*
[Dual CPU] AMD Opteron 8431	5813	387	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	362	46.80	\$144.00*
[Dual CPU] AMD Opteron 8439 SE	7691	337	64.09	\$120.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	484	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	470	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	438	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	327	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	505	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	503	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	539	500	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	540	499	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	506	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	507	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	504	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	502	25.99	\$18.20*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon 2.66GHz	601	497	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	679	493	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	492	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	495	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	490	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	885	489	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	927	488	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1854	477	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	487	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	474	30.53	\$70.00*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2315	469	0.71	\$3,239.98*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2620	460	26.74	\$97.98*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	446	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2975	449	59.52	\$49.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	447	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3408	440	12.18	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3825	436	38.26	\$99.98*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8929	301	14.88	\$599.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11007	252	15.45	\$712.54*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	378	64.96	\$95.50*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	374	141.98	\$44.40*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	346	43.00	\$169.84*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	295	12.53	\$719.90*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11299	245	14.49	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	237	143.25	\$83.14*
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	318	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13220	214	21.67	\$609.98*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	199	157.40	\$87.44*
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	10818	256	167.57	\$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	225	NA	NA
[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	12419	223	155.28	\$79.98*
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	216	12.60	\$1,019.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2448L @ 1.80GHz	11334	244	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	14276	194	119.03	\$119.94*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	15106	186	76.84	\$196.58*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11807	238	45.41	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	13442	208	52.51	\$256.00*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	149	54.66	\$339.76*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	373	66.25	\$95.70*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	365	34.50	\$188.96*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	314	62.24	\$134.46*
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8932	300	17.18	\$520.00*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8158	321	145.94	\$55.90*
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	9021	294	145.55	\$61.98*
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	277	47.29	\$212.06*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	253	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12228	227	70.93	\$172.40*
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13231	213	49.57	\$266.94*
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15282	182	85.85	\$178.00*
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16432	168	21.23	\$774.00*
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14339	193	11.05	\$1,298.00*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12620	219	11.49	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	191	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13443	207	168.29	\$79.88*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15920	174	181.16	\$87.88*
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18449	152	100.28	\$183.98*
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18745	146	16.77	\$1,118.00*
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11172	249	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	201	184.47	\$74.30*
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	184	22.33	\$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7706	336	4.35	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15882	176	113.46	\$139.98*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16395	170	69.75	\$235.06*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16703	167	3.78	\$4,417.90*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14645	190	72.05	\$203.26*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14553	192	181.19	\$80.32*
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19669	132	72.85	\$270.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20295	126	11.03	\$1,840.54*
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13659	202	115.81	\$117.94*
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20686	122	74.42	\$277.98*
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21029	114	40.44	\$519.98*
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21533	108	5.97	\$3,603.92*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12399	224	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	197	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	154	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15040	187	172.87	\$87.00*
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18804	145	107.34	\$175.18*
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20239	127	77.85	\$259.98*
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20809	120	10.31	\$2,018.00*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	13621	205	51.13	\$266.40*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	13788	198	91.92	\$150.00*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	116	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2652 v3 @ 2.30GHz	19588	135	8.36	\$2,342.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13855	196	4.74	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	144	52.29	\$359.98*
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	138	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	157	4.85	\$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16404	169	72.86	\$225.14*
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17860	156	41.95	\$425.78*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22374	101	34.96	\$639.90*
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23086	90	7.70	\$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	89	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17003	163	83.05	\$204.74*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	75	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16377	171	210.02	\$77.98*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22717	96	59.78	\$379.98*
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22604	97	36.58	\$618.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22916	92	5.88	\$3,898.06*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18145	153	66.66	\$272.20*
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20642	124	49.38	\$418.00*
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22232	103	71.72	\$309.98*
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	86	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	21751	107	15.54	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	65	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19762	131	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	20856	119	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	42	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18584	148	146.86	\$126.54*
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21477	109	76.38	\$281.20*
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24195	81	57.61	\$419.98*
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22761	94	7.54	\$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	164	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21194	113	20.78	\$1,019.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	73	5.66	\$4,417.86*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	104	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26907	62	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	52	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20792	121	50.22	\$414.00*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23339	87	34.83	\$670.00*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24293	80	20.59	\$1,179.98*
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26649	63	6.13	\$4,349.98*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	18607	147	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	25703	70	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19666	133	76.04	\$258.62*
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23598	83	43.29	\$545.16*
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25830	69	57.40	\$450.00*
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27411	59	6.32	\$4,339.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20861	117	40.12	\$519.98*
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24793	76	25.30	\$979.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	79	2.12	\$11,616.00*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23478	85	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30334	41	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31774	35	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23297	88	37.70	\$618.00*
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27406	60	27.97	\$980.00*
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30440	40	4.98	\$6,109.98*
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	29460	46	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	28325	55	23.26	\$1,218.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	39	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	33	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	82	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26542	64	10.98	\$2,418.00*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	26	4.01	\$8,478.00*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	123	NA	NA
[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz	15383	180	85.56	\$179.80*
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	137	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	175	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	141	35.31	\$544.08*
[Dual CPU] Intel Xeon E5-4640 v3 @ 1.90GHz	20468	125	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	136	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18565	150	132.63	\$139.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	188	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650 v4 @ 2.20GHz	21855	106	2.85	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	13742	200	91.64	\$149.96*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	99	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	58	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	230	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	177	NA	NA
[Dual CPU] Intel Xeon E7-4830 @ 2.13GHz	9539	288	147.66	\$64.60*
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	100	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	234	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15263	183	40.38	\$378.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10965	254	27.41	\$399.98*
[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz	10207	272	1.02	\$10,017.02*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	471	120.97	\$18.84*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	435	22.74	\$177.56*
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3554	437	36.27	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4164	429	53.73	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	412	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	420	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5119	408	64.00	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5134	407	64.26	\$79.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6007	383	14.37	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6348	371	50.42	\$125.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6827	359	22.03	\$309.90*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7119	351	35.95	\$198.00*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7499	343	12.54	\$597.88*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7083	353	129.73	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7774	331	129.39	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2511	463	13.22	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2805	455	4.89	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4854	416	34.70	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4992	411	39.61	\$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5408	399	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7289	347	75.13	\$97.02*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7574	341	291.31	\$26.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7714	335	65.37	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	431	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	396	16.48	\$334.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5939	385	42.91	\$138.42*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	7978	326	67.62	\$117.98*
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8329	316	118.99	\$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8666	307	154.81	\$55.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10216	271	62.82	\$162.62*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10259	268	49.29	\$208.14*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	398	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	401	29.87	\$179.98*
[Dual CPU] Intel Xeon E7540 @ 2.00GHz	6738	363	210.96	\$31.94*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	105	10.03	\$2,193.82*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21437	110	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	112	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22810	93	10.55	\$2,161.74*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	72	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17463	159	6.72	\$2,599.90*
[Dual CPU] Intel Xeon Gold 5215 @ 2.50GHz	22537	98	9.23	\$2,442.00*
[Dual CPU] Intel Xeon Gold 5217 @ 3.00GHz	22282	102	7.32	\$3,044.00*
[Dual CPU] Intel Xeon Gold 5218 @ 2.30GHz	17384	161	6.27	\$2,771.12*
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	61	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	22983	91	6.92	\$3,319.90*
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	143	7.19	\$2,657.06*
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28610	53	7.57	\$3,779.94*
[Dual CPU] Intel Xeon Gold 6126T @ 2.60GHz	19161	142	5.14	\$3,730.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22725	95	6.31	\$3,599.98*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26366	66	7.39	\$3,566.18*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	57	6.26	\$4,399.80*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	24666	78	5.46	\$4,520.00*
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29725	44	5.69	\$5,227.18*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	56	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34320	25	6.55	\$5,238.98*
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	32	6.68	\$4,879.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	50	4.72	\$6,116.66*
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	29907	43	NA	NA
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28802	51	4.69	\$6,140.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29655	45	3.22	\$9,217.90*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36731	18	6.28	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32941	31	5.01	\$6,569.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33142	29	3.98	\$8,329.46*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	16	5.00	\$7,437.90*
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	24959	74	4.89	\$5,104.66*
[Dual CPU] Intel Xeon Gold 6240 @ 2.60GHz	35808	22	7.30	\$4,902.00*
[Dual CPU] Intel Xeon Gold 6242 @ 2.80GHz	33019	30	6.19	\$5,335.32*
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31379	37	4.82	\$6,509.68*
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	33741	27	5.13	\$6,572.00*
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38755	11	5.87	\$6,599.98*
[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz	37405	14	4.67	\$8,011.90*
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41148	7	5.55	\$7,418.00*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	423	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	427	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	414	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	393	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	379	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6453	368	117.33	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	382	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	413	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	357	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6961	356	271.49	\$25.64*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7553	342	196.08	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	6973	355	166.10	\$41.98*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8693	305	62.18	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9607	284	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9682	282	58.07	\$166.72*
[Dual CPU] Intel Xeon MP 2.50GHz	550	498	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	501	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	494	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	479	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36271	20	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	37838	13	2.46	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	47	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39589	10	3.36	\$11,780.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36410	19	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	21	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	15	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Platinum 8260 @ 2.40GHz	38202	12	4.42	\$8,651.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	8	3.65	\$11,260.00*
[Dual CPU] Intel Xeon Platinum 8275CL @ 3.00GHz	43870	5	NA	NA
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	173	15.66	\$1,019.90*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16817	166	18.52	\$908.04*
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13327	211	12.96	\$1,027.98*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19362	140	16.81	\$1,151.78*
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	111	11.85	\$1,808.50*
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	130	19.96	\$1,002.00*
[Dual CPU] Intel Xeon Silver 4210 @ 2.20GHz	20974	115	17.25	\$1,216.00*
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz	25402	71	15.48	\$1,641.16*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10048	276	72.82	\$137.98*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10249	269	2.04	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	266	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	418	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	419	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	415	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5729	388	9.24	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6207	377	39.79	\$155.98*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7436	344	62.01	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7791	329	39.04	\$199.56*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8101	322	21.43	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7769	332	17.26	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8166	320	40.83	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8672	306	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8750	303	14.35	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	8995	296	132.32	\$67.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9277	290	19.33	\$479.90*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9563	286	239.91	\$39.86*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11232	246	78.67	\$142.78*
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11637	240	92.25	\$126.14*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10277	267	220.25	\$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12079	231	177.63	\$68.00*
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10321	265	114.70	\$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12430	222	117.29	\$105.98*
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11163	250	65.66	\$170.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13428	209	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13344	210	100.69	\$132.52*
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11736	239	147.18	\$79.74*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13646	203	66.79	\$204.30*
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	312	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	364	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	304	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7542 @ 2.67GHz	8972	297	13.22	\$678.48*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	278	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11230	247	255.23	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	428	46.34	\$90.00*
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	410	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	426	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	425	33.66	\$130.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Quad-Core AMD Opteron 8378	5382	400	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	358	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	390	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	384	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	317	NA	NA
[Quad CPU] AMD Opteron 6136	9767	280	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	310	33.05	\$260.00*
[Quad CPU] AMD Opteron 6272	12292	226	43.91	\$279.96*
[Quad CPU] AMD Opteron 6274	10488	260	58.28	\$179.96*
[Quad CPU] AMD Opteron 6276	15342	181	22.70	\$676.00*
[Quad CPU] AMD Opteron 6278	12055	232	24.31	\$495.80*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 6282 SE	11044	251	4.31	\$2,560.00*
[Quad CPU] AMD Opteron 6376	13257	212	50.99	\$260.00*
[Quad CPU] AMD Opteron 6378	20859	118	27.45	\$760.00*
[Quad CPU] AMD Opteron 6380	12442	220	52.72	\$236.00*
[Quad CPU] AMD Opteron 8360 SE	6490	367	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	380	NA	NA
[Quad CPU] AMD Opteron 8382	8553	311	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	345	NA	NA
[Quad CPU] AMD Opteron 8431	8252	319	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	352	24.65	\$288.00*
[Quad CPU] AMD Opteron 8439 SE	8943	299	37.26	\$240.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	480	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	441	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	165	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	14669	189	27.32	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	204	42.59	\$319.96*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	77	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4640 @ 2.40GHz	19643	134	1.80	\$10,920.00*
[Quad CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	20036	129	18.41	\$1,088.16*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	17127	162	61.18	\$279.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	67	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650L @ 2.60GHz	18557	151	61.87	\$299.92*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	38	2.14	\$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	128	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4830 @ 2.13GHz	13606	206	105.31	\$129.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	172	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	24	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	54	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	34	NA	NA
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	36830	17	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	15433	178	96.48	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17398	160	131.84	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15429	179	20.41	\$756.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	218	15.87	\$799.96*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	17965	155	0.90	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	6081	381	17.89	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	333	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	273	28.32	\$359.96*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	285	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	293	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	68	5.03	\$5,199.80*
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	23	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	9	2.45	\$16,658.92*
[Quad CPU] Intel Xeon Gold 6248 @ 2.50GHz	41863	6	3.17	\$13,199.96*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	281	NA	NA
[Quad CPU] Intel Xeon L7555 @ 1.87GHz	10406	263	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	4	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	287	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	233	4.24	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	309	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	241	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	12824	217	145.73	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	349	27.58	\$260.00*

* - Last price seen from our affiliates.