Single CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	288	2873	NA	NA
	1550	2065	NA	NA
	2298	1699	NA	NA
	2341	1682	NA	NA
	2227	1734	NA	NA
	632	2553	NA	NA
	626	2557	NA	NA
	1505	2085		
	1185	2254		
	1229	2229		
	1296	2187	NA	NA
	1243	2224		
	1218	2234	NA	NA
	1591	2048		
	1664	2007	NA	NA
	1825	1918		
	1909	1875		
	1616	2033		
	1178	2256	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-9120	1956	1853	NA	NA
AMD A4-9120C	1539	2067	NA	NA
AMD A4-9125	1999	1831	NA	NA
AMD A6 Micro-6500T APU	1834	1914	NA	NA
AMD A6 PRO-7050B APU	1616	2034	NA	NA
AMD A6 PRO-7400B	2621	1579	NA	NA
AMD A6-1450 APU	1536	2070	NA	NA
AMD A6-3400M APU	1888	1890	63.00	$29.97*
AMD A6-3410MX APU	2051	1807	514.19	$3.99*
AMD A6-3420M APU	2005	1826	NA	NA
AMD A6-3430MX APU	2200	1746	NA	NA
AMD A6-3500 APU	2028	1814	50.73	$39.99*
AMD A6-3600 APU	2706	1555	117.73	$22.99*
AMD A6-3620 APU	2792	1522	46.55	$59.99*
AMD A6-3650 APU	3140	1405	98.16	$31.99*
AMD A6-3670 APU	3161	1395	5.18	$610.00*
AMD A6-4400M APU	1643	2020	205.74	$7.99*
AMD A6-4455M APU	1286	2194	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5200 APU	2441	1649	NA	NA
AMD A6-5345M APU	1417	2122	NA	NA
AMD A6-5350M APU	1909	1874	44.29	$43.12
AMD A6-5357M APU	1961	1850	NA	NA
AMD A6-5400B APU	2243	1726	21.35	$105.04*
AMD A6-5400K APU	2165	1757	34.91	$62.02
AMD A6-6310 APU	2466	1637	NA	NA
AMD A6-6400B APU	2281	1706	NA	NA
AMD A6-6400K APU	2315	1689	32.63	$70.97*
AMD A6-6420B APU	2612	1580	NA	NA
AMD A6-6420K APU	2373	1671	15.82	$149.99*
AMD A6-7000	1667	2003	NA	NA
AMD A6-7310 APU	2676	1561	NA	NA
AMD A6-7400K APU	2783	1526	20.62	$135.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-7470K	2739	1545	22.72	$120.56
AMD A6-7480	3096	1419	70.38	$43.99*
AMD A6-8500P	2202	1744	NA	NA
AMD A6-8550	3032	1440	NA	NA
AMD A6-9200	1763	1946	NA	NA
AMD A6-9210	1755	1951	NA	NA
AMD A6-9220	2156	1761	NA	NA
AMD A6-9220C	1962	1849	NA	NA
AMD A6-9220e	1586	2050	NA	NA
AMD A6-9225	2116	1777	NA	NA
AMD A6-9230	2102	1783	NA	NA
AMD A6-9500	3038	1439	53.11	$57.21
AMD A6-9500E	2889	1496	26.94	$107.23*
AMD A8 PRO-7150B APU	2654	1566	NA	NA
AMD A8 PRO-7600B APU	4740	1030	NA	NA
AMD A8-3500M APU	1993	1833	28.49	$69.95
AMD A8-3510MX APU	2410	1659	NA	NA
AMD A8-3520M APU	2168	1756	NA	NA
AMD A8-3530MX APU	2356	1678	NA	NA
AMD A8-3550MX APU	2610	1582	NA	NA
AMD A8-3800 APU	3004	1449	25.05	$119.95*
AMD A8-3820 APU	3100	1418	24.80	$124.99*
AMD A8-3850 APU	3456	1312	32.71	$105.68*
AMD A8-3870K APU	3532	1288	23.60	$149.67*
AMD A8-4500M APU	2666	1564	NA	NA
AMD A8-4555M APU	2127	1774	NA	NA
AMD A8-5500 APU	3999	1174	70.80	$56.50*
AMD A8-5500B APU	4043	1166	NA	NA
AMD A8-5545M APU	2586	1589	NA	NA
AMD A8-5550M APU	3000	1450	NA	NA
AMD A8-5557M APU	2954	1466	NA	NA
AMD A8-5600K APU	4345	1109	18.95	$229.30
AMD A8-6410 APU	2576	1595	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-6500 APU	4398	1098	46.31	$94.99*
AMD A8-6500B APU	4614	1048	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-6500T APU	3276	1358	NA	NA
AMD A8-6600K APU	4594	1056	47.37	$96.99*
AMD A8-7050	1824	1919	NA	NA
AMD A8-7100 APU	2798	1520	NA	NA
AMD A8-7200P	3323	1346	NA	NA
AMD A8-7410 APU	2752	1541	NA	NA
AMD A8-7600 APU	5058	960	34.43	$146.94*
AMD A8-7650K	4929	989	21.43	$230.00*
AMD A8-7670K	5089	953	31.59	$161.10*
AMD A8-7680	5355	912	89.27	$59.99*
AMD A8-8600P	3248	1364	NA	NA
AMD A8-8650	5465	892	NA	NA
AMD A8-9600	4957	984	71.85	$68.99
AMD A9-9400	2310	1692	NA	NA
AMD A9-9410	2529	1614	NA	NA
AMD A9-9420	2348	1680	NA	NA
AMD A9-9420e	1766	1944	NA	NA
AMD A9-9425	2450	1643	NA	NA
AMD A9-9430	2547	1606	NA	NA
AMD A10 Micro-6700T APU	1970	1843	NA	NA
AMD A10 PRO-7350B APU	3152	1401	NA	NA
AMD A10 PRO-7800B APU	4913	996	NA	NA
AMD A10 PRO-7850B APU	5380	908	NA	NA
AMD A10-4600M APU	3117	1413	28.35	$109.95*
AMD A10-4655M APU	2607	1583	NA	NA
AMD A10-4657M APU	2906	1485	NA	NA
AMD A10-5700 APU	4212	1137	65.32	$64.50*
AMD A10-5745M APU	2767	1533	NA	NA
AMD A10-5750M APU	3343	1340	NA	NA
AMD A10-5757M APU	3085	1426	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-5800B APU	4639	1043	NA	NA
AMD A10-5800K APU	4647	1040	18.60	$249.95
AMD A10-6700 APU	4601	1054	39.34	$116.99*
AMD A10-6700T APU	3711	1249	25.15	$147.61*
AMD A10-6790K APU	4718	1032	52.26	$90.29
AMD A10-6800B APU	4822	1011	NA	NA
AMD A10-6800K APU	4862	1004	55.40	$87.76*
AMD A10-7300 APU	2904	1488	NA	NA
AMD A10-7400P	3609	1268	NA	NA
AMD A10-7700K APU	5121	949	40.82	$125.47*
AMD A10-7800 APU	4978	982	48.15	$103.39*
AMD A10-7850K APU	5471	891	32.70	$167.33*
AMD A10-7860K	5039	966	28.80	$175.00*
AMD A10-7870K	5476	890	24.13	$226.99*
AMD A10-7890K	5740	853	28.71	$199.99*
AMD A10-8700P	3436	1314	NA	NA
AMD A10-8750	5025	969	NA	NA
AMD A10-8850	5604	867	NA	NA
AMD A10-9600P	3756	1233	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-9620P	3668	1259	NA	NA
AMD A10-9630P	4436	1091	NA	NA
AMD A10-9700	5384	907	61.38	$87.73
AMD A10-9700E	4727	1031	30.68	$154.10*
AMD A12-9700P	3723	1243	NA	NA
AMD A12-9720P	3968	1179	NA	NA
AMD A12-9730P	4417	1095	NA	NA
AMD A12-9800	5578	872	37.63	$148.24*
AMD A12-9800E	5031	967	35.02	$143.68
AMD Athlon64 X2 Dual Core 4600+	1108	2298	NA	NA
AMD Athlon 4	279	2893	5.09	$54.99
AMD Athlon 64 2000+	177	2998	NA	NA
AMD Athlon 64 2200+	575	2584	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 2600+	374	2767	NA	NA
AMD Athlon 64 2800+	438	2695	4.38	$99.99*
AMD Athlon 64 3000+	463	2666	7.73	$60.00
AMD Athlon 64 3200+	494	2635	3.30	$149.95*
AMD Athlon 64 3300+	576	2583	NA	NA
AMD Athlon 64 3400+	545	2595	NA	NA
AMD Athlon 64 3500+	541	2601	4.97	$108.95
AMD Athlon 64 3600+	601	2569	NA	NA
AMD Athlon 64 3700+	598	2570	8.67	$69.00*
AMD Athlon 64 3800+	589	2575	5.36	$109.95
AMD Athlon 64 4000+	608	2564	3.32	$183.27*
AMD Athlon 64 FX-25	794	2481	NA	NA
AMD Athlon 64 FX-34	380	2760	NA	NA
AMD Athlon 64 FX-51	437	2697	NA	NA
AMD Athlon 64 FX-53	646	2546	21.57	$29.99*
AMD Athlon 64 FX-55	721	2510	4.01	$179.95*
AMD Athlon 64 FX-57	740	2505	NA	NA
AMD Athlon 64 FX-59	715	2513	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2199	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	2054	NA	NA
AMD Athlon 64 FX-72	1794	1930	NA	NA
AMD Athlon 64 FX-74	1495	2091	2.99	$499.50*
AMD Athlon 64 X2 3800+	958	2394	NA	NA
AMD Athlon 64 X2 4200+	1285	2195	4.16	$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2367	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2388	16.05	$60.00
AMD Athlon 64 X2 Dual Core 3800+	1000	2360	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1044	2331	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1096	2302	5.35	$204.95
AMD Athlon 64 X2 Dual Core 4400+	1146	2279	19.11	$59.99
AMD Athlon 64 X2 Dual Core 4600+	1221	2233	3.39	$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1252	2219	2.72	$459.95*
AMD Athlon 64 X2 Dual Core 5000+	1313	2173	3.96	$331.49*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core 5200+	1381	2139	23.03	$60.00*
AMD Athlon 64 X2 Dual Core 5400+	1445	2110	27.28	$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1489	2093	8.27	$179.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core 5800+	1518	2077	60.77	$24.99*
AMD Athlon 64 X2 Dual Core 6000+	1602	2040	34.87	$45.95
AMD Athlon 64 X2 Dual Core 6400+	1786	1935	6.87	$259.95*
AMD Athlon 64 X2 Dual Core BE-230	1095	2304	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2315	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2332	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2459	28.02	$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2460	14.53	$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2380	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	878	2438	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	826	2465	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	870	2441	11.97	$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	924	2416	NA	NA
AMD Athlon 64 X2 QL-60	924	2417	NA	NA
AMD Athlon 64 X2 QL-62	1005	2355	NA	NA
AMD Athlon 64 X2 QL-64	994	2366	NA	NA
AMD Athlon 64 X2 QL-65	1051	2330	NA	NA
AMD Athlon 64 X2 QL-66	947	2402	NA	NA
AMD Athlon 64 X2 QL-67	1006	2354	NA	NA
AMD Athlon 64 X2 TK-55	955	2395	NA	NA
AMD Athlon 64 X2 TK-57	988	2371	NA	NA
AMD Athlon 200GE	4957	985	73.64	$67.31
AMD Athlon 220GE	5209	933	75.52	$68.99
AMD Athlon 240GE	5433	897	78.76	$68.99
AMD Athlon 300GE	5517	886	NA	NA
AMD Athlon 300U	4553	1062	NA	NA
AMD Athlon 1500+	294	2865	NA	NA
AMD Athlon 1640B	670	2536	13.42	$50.00*
AMD Athlon 2000+	390	2756	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 2100+	412	2718	NA	NA
AMD Athlon 2200+	363	2785	4.55	$79.99*
AMD Athlon 2400+	462	2667	NA	NA
AMD Athlon 2500+	374	2765	2.04	$183.99*
AMD Athlon 2600+	444	2688	4.23	$104.95*
AMD Athlon 2650e	407	2727	21.46	$19.00*
AMD Athlon 2800+	447	2684	3.20	$139.95*
AMD Athlon 2850e	512	2622	NA	NA
AMD Athlon 3000G	5284	921	96.09	$54.99*
AMD Athlon 3100+	485	2646	NA	NA
AMD Athlon 3200+	458	2672	7.63	$60.00*
AMD Athlon 5000 Dual-Core	1296	2186	10.81	$119.95
AMD Athlon 5150 APU	2114	1778	13.22	$159.95*
AMD Athlon 5200 Dual-Core	1266	2211	42.23	$29.99*
AMD Athlon 5350 APU	2610	1581	23.74	$109.99*
AMD Athlon 5370 APU	2907	1483	45.64	$63.70*
AMD Athlon 7450 Dual-Core	1449	2108	NA	NA
AMD Athlon 7550 Dual-Core	1473	2098	24.56	$60.00
AMD Athlon 7750 Dual-Core	1569	2056	10.26	$152.99*
AMD Athlon 7850 Dual-Core	1712	1974	8.17	$209.65*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 7850 Dual-Core 2.8G	288	2876	NA	NA
AMD Athlon Dual Core 4050e	1086	2309	NA	NA
AMD Athlon Dual Core 4450B	1170	2263	37.76	$31.00*
AMD Athlon Dual Core 4450e	1111	2295	NA	NA
AMD Athlon Dual Core 4850B	1391	2133	NA	NA
AMD Athlon Dual Core 4850e	1311	2174	33.64	$39.00*
AMD Athlon Dual Core 5000B	1310	2176	13.80	$95.00*
AMD Athlon Dual Core 5050e	1348	2157	22.48	$60.00*
AMD Athlon Dual Core 5200B	1331	2167	NA	NA
AMD Athlon Dual Core 5400B	1420	2121	NA	NA
AMD Athlon Dual Core 5600B	1304	2180	NA	NA
AMD Athlon II 160u	563	2591	18.78	$29.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II 170u	627	2556	34.88	$17.99
AMD Athlon II Dual-Core M300	1112	2294	NA	NA
AMD Athlon II Dual-Core M320	1140	2281	38.03	$30.00*
AMD Athlon II Dual-Core M340	1056	2326	NA	NA
AMD Athlon II N330 Dual-Core	1154	2273	NA	NA
AMD Athlon II N350 Dual-Core	1249	2222	NA	NA
AMD Athlon II N370 Dual-Core	1559	2061	NA	NA
AMD Athlon II Neo K125	475	2656	NA	NA
AMD Athlon II Neo K145	525	2610	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2486	29.84	$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2448	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2480	NA	NA
AMD Athlon II P320 Dual-Core	1215	2236	40.57	$29.95*
AMD Athlon II P340 Dual-Core	1252	2217	25.08	$49.95
AMD Athlon II P360 Dual-Core	1319	2171	54.97	$24.00*
AMD Athlon II X2 210e	1593	2046	NA	NA
AMD Athlon II X2 215	1566	2058	130.69	$11.99*
AMD Athlon II X2 220	1637	2021	81.91	$19.99*
AMD Athlon II X2 225	1526	2073	NA	NA
AMD Athlon II X2 235e	1658	2012	9.12	$181.88*
AMD Athlon II X2 240	1644	2019	102.82	$15.99*
AMD Athlon II X2 240e	1697	1984	48.58	$34.95*
AMD Athlon II X2 245	1660	2011	47.52	$34.95*
AMD Athlon II X2 245e	1714	1972	20.54	$83.45
AMD Athlon II X2 250	1738	1961	44.64	$38.95
AMD Athlon II X2 250e	1939	1859	25.28	$76.73*
AMD Athlon II X2 250u	1004	2356	28.74	$34.95
AMD Athlon II X2 255	1841	1911	28.24	$65.22*
AMD Athlon II X2 260	1880	1893	94.07	$19.99*
AMD Athlon II X2 260u	1107	2299	13.28	$83.44*
AMD Athlon II X2 265	1892	1884	22.84	$82.88*
AMD Athlon II X2 270	1975	1839	82.34	$23.99*
AMD Athlon II X2 270u	1285	2196	18.99	$67.67*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 280	2133	1770	21.33	$99.99*
AMD Athlon II X2 4300e	1483	2096	NA	NA
AMD Athlon II X2 4400e	1632	2027	NA	NA
AMD Athlon II X2 4450e	1504	2086	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 B22	1721	1968	41.29	$41.69*
AMD Athlon II X2 B24	1787	1934	52.41	$34.10
AMD Athlon II X2 B26	1903	1878	42.36	$44.95*
AMD Athlon II X2 B28	2080	1792	42.42	$49.05*
AMD Athlon II X3 400e	2000	1828	18.62	$107.43*
AMD Athlon II X3 405e	2000	1830	25.00	$79.99*
AMD Athlon II X3 415e	2224	1737	29.66	$75.00*
AMD Athlon II X3 420e	2285	1704	19.68	$116.15*
AMD Athlon II X3 425	2302	1696	85.33	$26.99*
AMD Athlon II X3 425e	2239	1729	NA	NA
AMD Athlon II X3 435	2472	1635	82.44	$29.99*
AMD Athlon II X3 440	2561	1602	94.90	$26.99*
AMD Athlon II X3 445	2572	1598	28.27	$91.00*
AMD Athlon II X3 450	2623	1578	75.06	$34.95
AMD Athlon II X3 455	2766	1534	70.96	$38.99*
AMD Athlon II X3 460	2864	1502	73.46	$38.99*
AMD Athlon II X4 553	3814	1217	NA	NA
AMD Athlon II X4 555	3830	1213	NA	NA
AMD Athlon II X4 559	4123	1155	NA	NA
AMD Athlon II X4 600e	2465	1638	18.93	$130.23*
AMD Athlon II X4 605e	2715	1552	26.68	$101.80*
AMD Athlon II X4 610e	2789	1523	39.85	$69.99*
AMD Athlon II X4 615e	2899	1493	49.15	$59.00*
AMD Athlon II X4 620	2927	1478	41.83	$69.99*
AMD Athlon II X4 620e	2906	1486	NA	NA
AMD Athlon II X4 630	3130	1406	49.74	$62.95
AMD Athlon II X4 631 Quad-Core	3142	1404	39.29	$80.00*
AMD Athlon II X4 635	3231	1370	46.20	$69.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 638 Quad-Core	3198	1382	120.73	$26.49*
AMD Athlon II X4 640	3310	1349	41.41	$79.95
AMD Athlon II X4 641 Quad-Core	3340	1342	36.51	$91.50*
AMD Athlon II X4 645	3460	1311	69.22	$49.99*
AMD Athlon II X4 650	3483	1304	20.91	$166.60*
AMD Athlon II X4 651 Quad-Core	3565	1279	20.03	$178.04*
AMD Athlon II X4 655	2998	1452	NA	NA
AMD Athlon II X4 6400e	2594	1585	NA	NA
AMD Athlon L110	303	2846	NA	NA
AMD Athlon LE-1600	557	2593	26.57	$21.00*
AMD Athlon LE-1620	569	2589	31.65	$18.00*
AMD Athlon LE-1640	629	2555	NA	NA
AMD Athlon LE-1660	677	2533	NA	NA
AMD Athlon MP	230	2947	18.46	$12.49*
AMD Athlon MP 1700+	339	2807	NA	NA
AMD Athlon MP 2400+	436	2698	NA	NA
AMD Athlon MP 2800+	497	2633	NA	NA
AMD Athlon Neo MV-40	410	2722	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2358	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2485	NA	NA
AMD Athlon Neo X2 Dual Core L335	831	2462	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	5133	947	NA	NA
AMD Athlon PRO 300GE	5554	878	NA	NA
AMD Athlon QI-46	473	2658	NA	NA
AMD Athlon TF-20	413	2717	NA	NA
AMD Athlon TF-36	395	2744	NA	NA
AMD Athlon X2 215	1563	2060	NA	NA
AMD Athlon X2 235e	1806	1925	NA	NA
AMD Athlon X2 240	1611	2036	NA	NA
AMD Athlon X2 240e	1670	1998	NA	NA
AMD Athlon X2 250	1681	1993	NA	NA
AMD Athlon X2 255	1627	2029	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	1695	68.77	$33.49*
AMD Athlon X2 340 Dual Core	1938	1860	38.78	$49.99*
AMD Athlon X2 370K Dual Core	2251	1721	NA	NA
AMD Athlon X2 440	1424	2119	NA	NA
AMD Athlon X2 Dual Core 3250e	785	2484	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2362	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2421	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2296	NA	NA
AMD Athlon X2 Dual Core BE-2400	1200	2245	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2220	NA	NA
AMD Athlon X2 Dual Core L310	647	2545	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2352	NA	NA
AMD Athlon X3 425	2191	1749	NA	NA
AMD Athlon X3 435	2574	1597	26.96	$95.49*
AMD Athlon X3 440	2078	1795	23.62	$87.99*
AMD Athlon X3 445	2314	1690	NA	NA
AMD Athlon X3 455	2401	1661	NA	NA
AMD Athlon X4 605e	2505	1625	NA	NA
AMD Athlon X4 620	2861	1504	44.06	$64.95
AMD Athlon X4 635	2891	1495	23.71	$121.99*
AMD Athlon X4 640	3172	1390	NA	NA
AMD Athlon X4 740 Quad Core	4034	1169	14.56	$277.00*
AMD Athlon X4 750 Quad Core	4400	1097	NA	NA
AMD Athlon X4 750K Quad Core	4284	1123	55.65	$76.99*
AMD Athlon X4 760K Quad Core	4603	1053	109.66	$41.98*
AMD Athlon X4 830	4701	1034	NA	NA
AMD Athlon X4 840	5073	956	64.44	$78.74*
AMD Athlon X4 845	5403	903	101.71	$53.13*
AMD Athlon X4 860K	5408	900	43.28	$124.95*
AMD Athlon X4 870K	5302	920	66.29	$79.99*
AMD Athlon X4 880K	5567	875	55.68	$99.99*
AMD Athlon X4 950	5229	929	29.21	$179.00
AMD Athlon XP1600+	281	2889	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	2793	NA	NA
AMD Athlon XP2100+	287	2878	NA	NA
AMD Athlon XP2200+	401	2736	NA	NA
AMD Athlon XP2400+	374	2766	NA	NA
AMD Athlon XP 1500	282	2888	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	2918	NA	NA
AMD Athlon XP 1600+	267	2908	NA	NA
AMD Athlon XP 1700	344	2804	NA	NA
AMD Athlon XP 1700+	271	2904	4.43	$61.25*
AMD Athlon XP 1800+	300	2853	5.10	$58.95*
AMD Athlon XP 1900+	312	2837	NA	NA
AMD Athlon XP 2000+	300	2854	12.01	$24.99*
AMD Athlon XP 2100+	323	2821	NA	NA
AMD Athlon XP 2200+	328	2820	3.87	$84.95*
AMD Athlon XP 2300+	464	2665	NA	NA
AMD Athlon XP 2400+	360	2787	4.01	$89.99*
AMD Athlon XP 2500+	355	2791	NA	NA
AMD Athlon XP 2600+	372	2771	16.18	$23.03*
AMD Athlon XP 2700+	393	2747	4.64	$84.79*
AMD Athlon XP 2800+	400	2738	NA	NA
AMD Athlon XP 2900+	424	2711	NA	NA
AMD Athlon XP 3000+	402	2734	5.06	$79.70*
AMD Athlon XP 3100+	433	2702	NA	NA
AMD Athlon XP 3200+	432	2703	NA	NA
AMD Athlon XP 3400+	570	2588	NA	NA
AMD Athlon XP Pro3+	367	2778	NA	NA
AMD Athlon XP-M	541	2602	15.48	$34.95*
AMD C-30	310	2839	NA	NA
AMD C-50	461	2668	NA	NA
AMD C-60	471	2659	NA	NA
AMD C-60 APU	544	2596	NA	NA
AMD C-70 APU	558	2592	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	2392	NA	NA
AMD E1-1200 APU	655	2543	NA	NA
AMD E1-1500 APU	688	2528	NA	NA
AMD E1-2100 APU	639	2551	NA	NA
AMD E1-2200 APU	767	2488	NA	NA
AMD E1-2500 APU	894	2435	NA	NA
AMD E1-6010 APU	871	2440	NA	NA
AMD E1-6015 APU	902	2430	NA	NA
AMD E1-7010 APU	1002	2357	NA	NA
AMD E2-1800 APU	814	2468	NA	NA
AMD E2-2000 APU	827	2464	NA	NA
AMD E2-3000 APU	1140	2283	NA	NA
AMD E2-3000M APU	1093	2306	54.67	$20.00*
AMD E2-3200 APU	1381	2138	172.96	$7.99*
AMD E2-3800 APU	1648	2018	NA	NA
AMD E2-6110 APU	1923	1867	NA	NA
AMD E2-7110 APU	2292	1700	NA	NA
AMD E2-9000	1649	2017	NA	NA
AMD E2-9000e	1310	2177	NA	NA
AMD E2-9010	1634	2025	NA	NA
AMD E2-9030	1515	2080	NA	NA
AMD E-240	317	2828	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	2563	NA	NA
AMD E-350	745	2501	NA	NA
AMD E-350 APU	759	2495	NA	NA
AMD E-350D APU	723	2508	NA	NA
AMD E-450 APU	765	2489	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1764	1945	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1787	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2533	1612	NA	NA
AMD Embedded R-Series RX-216GD	2409	1660	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	957	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	1045	NA	NA
AMD EPYC 3201	9634	446	NA	NA
AMD EPYC 3251	11690	316	37.11	$315.00*
AMD EPYC 7251	11811	311	29.45	$401.01
AMD EPYC 7262	20691	87	31.77	$651.31
AMD EPYC 7301	14978	204	21.35	$701.67
AMD EPYC 7302P	30994	14	34.29	$903.99
AMD EPYC 7351	18081	130	24.76	$730.22
AMD EPYC 7351P	14887	208	20.75	$717.44
AMD EPYC 7371	22071	68	14.24	$1,550.00*
AMD EPYC 7401P	20221	95	20.02	$1,010.00
AMD EPYC 7402P	28291	25	20.73	$1,364.49
AMD EPYC 7451	15760	181	14.14	$1,114.64
AMD EPYC 7452	38257	6	19.52	$1,960.00
AMD EPYC 7501	18942	117	5.24	$3,616.70*
AMD EPYC 7502P	27437	30	8.68	$3,162.15
AMD EPYC 7551	18483	123	4.76	$3,879.92
AMD EPYC 7551P	18443	125	13.92	$1,325.00
AMD EPYC 7571	20858	86	NA	NA
AMD EPYC 7702P	46067	5	9.63	$4,783.99
AMD EPYC 7742	48062	3	10.41	$4,618.13
AMD FirePro A320 APU	4497	1078	NA	NA
AMD FX-670K Quad-Core	4550	1064	NA	NA
AMD FX-770K Quad-Core	4819	1012	NA	NA
AMD FX-870K Quad Core	5021	971	NA	NA
AMD FX-4100 Quad-Core	4079	1162	26.59	$153.45*
AMD FX-4130 Quad-Core	4166	1147	54.83	$75.99*
AMD FX-4150 Quad-Core	4594	1057	NA	NA
AMD FX-4170 Quad-Core	4870	1001	48.71	$99.99*
AMD FX-4200 Quad-Core	4289	1122	18.80	$228.21*
AMD FX-4300 Quad-Core	4697	1036	55.89	$84.04
AMD FX-4320	5002	976	NA	NA
AMD FX-4330	5163	941	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-4350 Quad-Core	5343	914	12.43	$430.00
AMD FX-6100 Six-Core	5404	902	20.95	$258.00*
AMD FX-6120 Six-Core	5764	850	NA	NA
AMD FX-6130 Six-Core	6215	796	NA	NA
AMD FX-6200 Six-Core	6112	805	17.98	$339.95
AMD FX-6300 Six-Core	6411	779	30.53	$209.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-6330 Six-Core	6954	723	NA	NA
AMD FX-6350 Six-Core	7019	714	58.47	$120.06*
AMD FX-7500 APU	3207	1378	NA	NA
AMD FX-7600P	4035	1168	NA	NA
AMD FX-7600P APU	4627	1046	NA	NA
AMD FX-8100 Eight-Core	5884	832	41.44	$142.00*
AMD FX-8120 Eight-Core	6644	756	29.83	$222.73*
AMD FX-8140 Eight-Core	5946	826	NA	NA
AMD FX-8150 Eight-Core	7657	656	5.30	$1,443.99
AMD FX-8300 Eight-Core	7779	639	64.83	$119.99*
AMD FX-8310 Eight-Core	7726	649	NA	NA
AMD FX-8320 Eight-Core	8035	606	58.23	$138.01*
AMD FX-8320E Eight-Core	7583	663	31.70	$239.24*
AMD FX-8350 Eight-Core	8959	516	21.85	$409.98
AMD FX-8370 Eight-Core	9046	504	39.33	$230.00*
AMD FX-8370E Eight-Core	7863	629	24.57	$320.09*
AMD FX-8800P	4194	1139	NA	NA
AMD FX-9370 Eight-Core	9461	458	17.05	$555.00
AMD FX-9590 Eight-Core	10192	390	26.47	$385.00
AMD FX-9800P	3959	1183	NA	NA
AMD FX-9830P	4785	1019	NA	NA
AMD FX-B4150 Quad-Core	4611	1051	NA	NA
AMD G-T40E	467	2662	NA	NA
AMD G-T40N	516	2619	NA	NA
AMD G-T40R	203	2973	NA	NA
AMD G-T44R	229	2948	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T48E	667	2538	NA	NA
AMD G-T52R	308	2841	NA	NA
AMD G-T56E	751	2498	NA	NA
AMD G-T56N	793	2482	NA	NA
AMD Geode NX	264	2911	NA	NA
AMD Geode NX 1750	291	2867	NA	NA
AMD GX-210JA SOC	401	2737	NA	NA
AMD GX-212JC SOC	943	2405	NA	NA
AMD GX-217GA SOC	1113	2292	NA	NA
AMD GX-218GL SOC	1207	2239	NA	NA
AMD GX-222GC SOC	1255	2216	NA	NA
AMD GX-412HC	1503	2088	NA	NA
AMD GX-415GA SOC	1982	1836	NA	NA
AMD GX-420CA SOC	2412	1658	NA	NA
AMD GX-424CC SOC	2497	1628	NA	NA
AMD K7	403	2731	NA	NA
AMD Opteron 140	396	2742	0.62	$640.00
AMD Opteron 142	428	2708	NA	NA
AMD Opteron 144	486	2642	7.48	$65.00*
AMD Opteron 146	532	2605	8.87	$59.99*
AMD Opteron 148	603	2568	NA	NA
AMD Opteron 150	604	2566	NA	NA
AMD Opteron 152	658	2541	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 154	703	2521	NA	NA
AMD Opteron 165	899	2432	1.63	$550.00
AMD Opteron 170	1097	2301	NA	NA
AMD Opteron 175	1167	2266	NA	NA
AMD Opteron 180	1238	2225	9.53	$129.95*
AMD Opteron 185	1342	2160	NA	NA
AMD Opteron 246	632	2554	31.62	$19.99*
AMD Opteron 248	476	2654	4.77	$99.95
AMD Opteron 250	649	2544	59.01	$11.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 252	760	2493	12.00	$63.36*
AMD Opteron 254	693	2525	NA	NA
AMD Opteron 256	963	2386	50.72	$19.00*
AMD Opteron 265	963	2387	13.20	$73.00
AMD Opteron 270	1170	2264	4.50	$259.95
AMD Opteron 275	1291	2190	32.32	$39.95
AMD Opteron 280	1176	2257	18.10	$65.00*
AMD Opteron 285	1470	2100	18.39	$79.95
AMD Opteron 290	1464	2102	10.85	$135.00*
AMD Opteron 1210	923	2418	14.21	$65.00
AMD Opteron 1210 HE	971	2379	NA	NA
AMD Opteron 1212	1009	2353	3.48	$290.00*
AMD Opteron 1212 HE	1308	2178	NA	NA
AMD Opteron 1214	1191	2250	4.11	$290.00*
AMD Opteron 1214 HE	1299	2183	NA	NA
AMD Opteron 1216	1311	2175	23.91	$54.85*
AMD Opteron 1216 HE	1172	2262	NA	NA
AMD Opteron 1218	1468	2101	NA	NA
AMD Opteron 1218 HE	1444	2111	NA	NA
AMD Opteron 1220	1661	2010	NA	NA
AMD Opteron 1222	1757	1948	NA	NA
AMD Opteron 1352	2316	1687	17.04	$135.99*
AMD Opteron 1354	2634	1574	19.51	$135.00*
AMD Opteron 1356	2765	1536	30.73	$89.99*
AMD Opteron 1381	3065	1433	NA	NA
AMD Opteron 2212	1270	2209	63.53	$20.00*
AMD Opteron 2214	1358	2154	46.85	$29.00*
AMD Opteron 2214 HE	1415	2123	NA	NA
AMD Opteron 2216	1518	2078	56.64	$26.80*
AMD Opteron 2218	1594	2045	19.94	$79.95
AMD Opteron 2220	1701	1982	21.29	$79.95
AMD Opteron 2220 SE	1398	2130	55.92	$25.00*
AMD Opteron 2222	1843	1909	1.11	$1,664.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2224 SE	1919	1870	NA	NA
AMD Opteron 2350	2820	1514	35.28	$79.95*
AMD Opteron 2354	2450	1642	7.38	$332.03*
AMD Opteron 2356	2814	1516	54.12	$52.00*
AMD Opteron 2373 EE	2789	1524	NA	NA
AMD Opteron 2374 HE	2951	1467	45.40	$65.00
AMD Opteron 2376	2283	1705	13.69	$166.81*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2378	3179	1387	17.76	$179.00*
AMD Opteron 2380	2640	1572	58.69	$45.00
AMD Opteron 2384	3538	1285	4.21	$840.00*
AMD Opteron 2386 SE	3538	1286	NA	NA
AMD Opteron 2393 SE	2246	1723	NA	NA
AMD Opteron 2427	3069	1431	47.22	$65.00
AMD Opteron 2431	4516	1070	129.08	$34.99
AMD Opteron 2435	4708	1033	72.44	$65.00
AMD Opteron 3250 HE	2942	1471	29.73	$99.00*
AMD Opteron 3260 HE	3259	1362	NA	NA
AMD Opteron 3280	5533	882	20.26	$273.18*
AMD Opteron 3320 EE	2675	1562	NA	NA
AMD Opteron 3350 HE	4186	1142	NA	NA
AMD Opteron 3365	6088	815	NA	NA
AMD Opteron 3380	6384	782	7.89	$809.00*
AMD Opteron 4122	2942	1472	23.55	$124.99*
AMD Opteron 4162 EE	3166	1392	NA	NA
AMD Opteron 4170 HE	3664	1260	62.11	$59.00*
AMD Opteron 4184	4418	1094	8.50	$519.95*
AMD Opteron 4280	6430	776	128.60	$50.00*
AMD Opteron 4284	6660	755	111.03	$59.99*
AMD Opteron 4332 HE	5614	866	NA	NA
AMD Opteron 4334	6099	811	28.18	$216.42*
AMD Opteron 4365 EE	5025	968	NA	NA
AMD Opteron 4386	6761	740	48.30	$139.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6128	4505	1074	237.24	$18.99
AMD Opteron 6134	2938	1473	66.81	$43.99*
AMD Opteron 6136	4916	995	44.70	$110.00*
AMD Opteron 6164 HE	5351	913	NA	NA
AMD Opteron 6172	5261	925	26.57	$198.00*
AMD Opteron 6174	6171	801	94.94	$65.00
AMD Opteron 6176 SE	5465	894	34.37	$159.00*
AMD Opteron 6212	5776	846	192.62	$29.99*
AMD Opteron 6220	6785	737	113.11	$59.99*
AMD Opteron 6234	5938	828	198.27	$29.95*
AMD Opteron 6238	7673	654	21.32	$359.89*
AMD Opteron 6272	6748	744	96.42	$69.99
AMD Opteron 6274	4865	1003	108.15	$44.99
AMD Opteron 6276	8889	525	52.60	$169.00
AMD Opteron 6282 SE	9116	494	14.24	$640.00
AMD Opteron 6287 SE	9789	431	NA	NA
AMD Opteron 6328	7826	635	21.80	$359.00
AMD Opteron 6344	9372	469	24.09	$389.00*
AMD Opteron 6366 HE	7503	667	250.19	$29.99*
AMD Opteron 6376	9212	488	141.72	$65.00
AMD Opteron 6378	9094	497	47.87	$190.00
AMD Opteron 6380	10081	398	170.88	$59.00
AMD Opteron 6386 SE	10836	348	74.74	$144.99
AMD Opteron 8354	2255	1720	90.22	$25.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 8439 SE	3813	1218	63.56	$60.00*
AMD Opteron X2170 APU	3059	1435	NA	NA
AMD Opteron X3216 APU	2302	1697	NA	NA
AMD Opteron X3418 APU	4548	1065	NA	NA
AMD Opteron X3421 APU	4745	1028	NA	NA
AMD Phenom 2 X4 12000	3005	1448	NA	NA
AMD Phenom 7950 Quad-Core	2991	1453	NA	NA
AMD Phenom 8250 Triple-Core	1668	2002	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 8250e Triple-Core	1635	2024	34.81	$46.99*
AMD Phenom 8400 Triple-Core	1634	2026	NA	NA
AMD Phenom 8450 Triple-Core	1890	1888	63.14	$29.95
AMD Phenom 8450e Triple-Core	2026	1816	NA	NA
AMD Phenom 8600 Triple-Core	1675	1995	31.62	$52.99*
AMD Phenom 8600B Triple-Core	1919	1871	36.22	$52.99*
AMD Phenom 8650 Triple-Core	1988	1834	39.77	$49.99*
AMD Phenom 8750 Triple-Core	2073	1798	NA	NA
AMD Phenom 8750B Triple-Core	2034	1812	NA	NA
AMD Phenom 8850 Triple-Core	1968	1846	NA	NA
AMD Phenom 8850B Triple-Core	2080	1791	NA	NA
AMD Phenom 9100e Quad-Core	1832	1915	45.86	$39.95*
AMD Phenom 9150e Quad-Core	2112	1779	52.87	$39.95*
AMD Phenom 9350e Quad-Core	2320	1684	0.69	$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1584	24.76	$105.00*
AMD Phenom 9500 Quad-Core	2202	1745	75.97	$28.99*
AMD Phenom 9550 Quad-Core	2545	1608	87.81	$28.99*
AMD Phenom 9600 Quad-Core	2301	1698	46.09	$49.95*
AMD Phenom 9600B Quad-Core	2575	1596	17.50	$147.19*
AMD Phenom 9650 Quad-Core	2632	1575	58.58	$44.95
AMD Phenom 9750 Quad-Core	2809	1517	95.26	$29.49*
AMD Phenom 9750B Quad-Core	2709	1554	NA	NA
AMD Phenom 9850 Quad-Core	2885	1498	24.05	$119.99*
AMD Phenom 9850B Quad-Core	3160	1398	NA	NA
AMD Phenom 9950 Quad-Core	3006	1447	22.27	$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1617	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1468	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1264	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1302	NA	NA
AMD Phenom II N620 Dual-Core	1683	1991	421.94	$3.99*
AMD Phenom II N640 Dual-Core	1722	1967	26.53	$64.95*
AMD Phenom II N660 Dual-Core	1845	1908	18.64	$99.00*
AMD Phenom II N830 3+1	2652	1569	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II N830 Triple-Core	1897	1882	NA	NA
AMD Phenom II N850 Triple-Core	1934	1863	77.38	$25.00*
AMD Phenom II N870 Triple-Core	2002	1827	NA	NA
AMD Phenom II N930 Quad-Core	2275	1709	17.51	$129.95*
AMD Phenom II N950 Quad-Core	2482	1633	22.04	$112.60*
AMD Phenom II N970 Quad-Core	2512	1621	16.75	$149.99*
AMD Phenom II P650 Dual-Core	1579	2052	45.14	$35.00*
AMD Phenom II P820 Triple-Core	1598	2043	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II P840 Triple-Core	1713	1973	NA	NA
AMD Phenom II P860 Triple-Core	1756	1950	NA	NA
AMD Phenom II P920 Quad-Core	1870	1896	24.94	$75.00*
AMD Phenom II P940 Quad-Core	1831	1916	NA	NA
AMD Phenom II P960 Quad-Core	2085	1790	74.47	$28.00*
AMD Phenom II X2 511	2104	1782	NA	NA
AMD Phenom II X2 521	2076	1796	NA	NA
AMD Phenom II X2 545	1918	1872	43.62	$43.98*
AMD Phenom II X2 550	2024	1818	40.50	$49.99*
AMD Phenom II X2 555	2044	1809	73.05	$27.98*
AMD Phenom II X2 560	2060	1804	31.71	$64.99*
AMD Phenom II X2 565	2225	1735	10.60	$209.95*
AMD Phenom II X2 570	2068	1801	NA	NA
AMD Phenom II X2 B53	1709	1977	NA	NA
AMD Phenom II X2 B55	1920	1869	40.04	$47.95*
AMD Phenom II X2 B57	1823	1920	NA	NA
AMD Phenom II X2 B59	2129	1772	48.35	$44.04*
AMD Phenom II X3 700e	2242	1727	NA	NA
AMD Phenom II X3 705e	2209	1742	14.50	$152.34*
AMD Phenom II X3 710	2448	1645	28.96	$84.53*
AMD Phenom II X3 715	2649	1570	31.17	$84.99*
AMD Phenom II X3 720	2667	1563	38.11	$69.99*
AMD Phenom II X3 740	2985	1455	33.55	$88.99*
AMD Phenom II X3 B73	2735	1548	36.47	$75.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 B75	2872	1501	71.82	$39.99*
AMD Phenom II X3 B77	3067	1432	137.64	$22.29*
AMD Phenom II X4 805	2998	1451	17.23	$173.99*
AMD Phenom II X4 810	3117	1412	26.88	$115.99*
AMD Phenom II X4 820	3392	1323	45.27	$74.95*
AMD Phenom II X4 830	3435	1315	42.97	$79.95*
AMD Phenom II X4 840	3510	1296	39.03	$89.95*
AMD Phenom II X4 840T	3594	1273	51.36	$69.99*
AMD Phenom II X4 850	3549	1281	54.62	$64.99*
AMD Phenom II X4 900e	2882	1500	NA	NA
AMD Phenom II X4 905e	3080	1427	57.06	$53.99*
AMD Phenom II X4 910	3245	1366	32.46	$100.00*
AMD Phenom II X4 910e	3246	1365	20.68	$156.99*
AMD Phenom II X4 920	3388	1327	42.36	$79.99*
AMD Phenom II X4 925	3416	1317	77.67	$43.99*
AMD Phenom II X4 940	3592	1274	17.85	$201.21*
AMD Phenom II X4 945	3651	1262	53.62	$68.11
AMD Phenom II X4 955	3913	1198	30.07	$130.16*
AMD Phenom II X4 960T	3766	1227	8.03	$469.00
AMD Phenom II X4 965	4173	1145	49.68	$84.01*
AMD Phenom II X4 970	4311	1118	29.11	$148.11*
AMD Phenom II X4 973	3759	1230	NA	NA
AMD Phenom II X4 975	4440	1090	31.79	$139.69*
AMD Phenom II X4 977	3750	1236	NA	NA
AMD Phenom II X4 980	4486	1080	19.51	$229.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 8700e	2377	1669	NA	NA
AMD Phenom II X4 B05e	2792	1521	NA	NA
AMD Phenom II X4 B15e	2736	1546	NA	NA
AMD Phenom II X4 B25	3297	1352	NA	NA
AMD Phenom II X4 B35	3387	1329	NA	NA
AMD Phenom II X4 B40	3347	1338	NA	NA
AMD Phenom II X4 B45	3473	1307	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 B50	3692	1253	NA	NA
AMD Phenom II X4 B55	3852	1208	NA	NA
AMD Phenom II X4 B60	4030	1170	NA	NA
AMD Phenom II X4 B65	4172	1146	NA	NA
AMD Phenom II X4 B70	4261	1128	NA	NA
AMD Phenom II X4 B93	3376	1331	NA	NA
AMD Phenom II X4 B95	3675	1256	50.39	$72.95*
AMD Phenom II X4 B97	3863	1203	67.80	$56.99*
AMD Phenom II X4 B99	4126	1154	NA	NA
AMD Phenom II X6 1035T	4663	1038	24.67	$189.00*
AMD Phenom II X6 1045T	4794	1018	46.09	$104.02*
AMD Phenom II X6 1055T	4963	983	45.53	$109.01
AMD Phenom II X6 1065T	5021	972	NA	NA
AMD Phenom II X6 1075T	5330	916	47.18	$112.99*
AMD Phenom II X6 1090T	5552	879	31.90	$174.04*
AMD Phenom II X6 1100T	5705	856	32.14	$177.49*
AMD Phenom II X6 1405T	5042	965	NA	NA
AMD Phenom II X620 Dual-Core	2189	1750	NA	NA
AMD Phenom II X640 Dual-Core	2021	1822	NA	NA
AMD Phenom II X920 Quad-Core	2635	1573	NA	NA
AMD Phenom II X940 Quad-Core	2695	1557	NA	NA
AMD Phenom Ultra X4 24500	3945	1190	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1985	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1743	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1953	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2255	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	2113	NA	NA
AMD Phenom X3 8550	1929	1864	11.35	$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1949	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1832	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1730	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1494	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1551	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 GP-9930	2690	1558	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2237	NA	NA
AMD PRO A4-3350B APU	2274	1711	NA	NA
AMD PRO A4-4350B	1687	1989	NA	NA
AMD PRO A4-8350B	2776	1531	NA	NA
AMD PRO A6-7350B	2759	1538	NA	NA
AMD PRO A6-8500B	2516	1618	NA	NA
AMD PRO A6-8530B	2388	1666	NA	NA
AMD PRO A6-8550B	2970	1462	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A6-8570	3088	1424	NA	NA
AMD PRO A6-8570E	2824	1512	NA	NA
AMD PRO A6-9500	2975	1458	40.21	$74.00*
AMD PRO A6-9500B	2076	1797	NA	NA
AMD PRO A6-9500E	2717	1550	36.73	$74.00*
AMD PRO A8-8600B	3510	1297	NA	NA
AMD PRO A8-8650B	5223	930	NA	NA
AMD PRO A8-8670E	5015	974	NA	NA
AMD PRO A8-9600	5277	922	44.35	$119.00*
AMD PRO A8-9600B	3964	1181	NA	NA
AMD PRO A10-8700B	3528	1290	NA	NA
AMD PRO A10-8730B	3953	1185	NA	NA
AMD PRO A10-8750B	5465	893	NA	NA
AMD PRO A10-8770	5555	877	NA	NA
AMD PRO A10-8770E	5023	970	NA	NA
AMD PRO A10-8850B	5849	839	NA	NA
AMD PRO A10-9700	5589	870	33.07	$169.00*
AMD PRO A10-9700B	4380	1101	NA	NA
AMD PRO A10-9700E	5066	959	36.45	$139.00*
AMD PRO A12-8800B	4111	1156	NA	NA
AMD PRO A12-8830B	4233	1132	NA	NA
AMD PRO A12-8870	6067	816	NA	NA
AMD PRO A12-8870E	5186	938	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A12-9800	6107	809	36.14	$169.00*
AMD PRO A12-9800B	4102	1159	NA	NA
AMD PRO A12-9800E	4769	1022	28.22	$169.00*
AMD QC-4000	1663	2008	NA	NA
AMD R-260H APU	1576	2053	NA	NA
AMD R-272F APU	2007	1825	NA	NA
AMD R-460L APU	1954	1855	NA	NA
AMD R-464L APU	3117	1411	NA	NA
AMD RX-427BB	4359	1105	NA	NA
AMD Ryzen 3 1200	6804	736	89.59	$75.95
AMD Ryzen 3 1300X	7557	664	44.43	$170.12
AMD Ryzen 3 2200G	7331	688	58.24	$125.88
AMD Ryzen 3 2200GE	6871	730	NA	NA
AMD Ryzen 3 2200U	4830	1009	NA	NA
AMD Ryzen 3 2300U	6130	804	NA	NA
AMD Ryzen 3 2300X	8347	579	42.28	$197.44
AMD Ryzen 3 3200G	7771	641	84.52	$91.94
AMD Ryzen 3 3200U	4568	1059	NA	NA
AMD Ryzen 3 3300U	5853	837	NA	NA
AMD Ryzen 3 4300U	8363	576	NA	NA
AMD Ryzen 3 PRO 1200	6685	752	NA	NA
AMD Ryzen 3 PRO 1300	7994	614	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	952	NA	NA
AMD Ryzen 3 PRO 2200G	8028	609	NA	NA
AMD Ryzen 3 PRO 2200GE	7460	672	NA	NA
AMD Ryzen 3 PRO 2300U	7027	713	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 3200G	8445	564	NA	NA
AMD Ryzen 3 PRO 3200GE	8266	584	NA	NA
AMD Ryzen 3 PRO 3300U	7019	715	NA	NA
AMD Ryzen 5 1400	8377	574	53.12	$157.71
AMD Ryzen 5 1500X	10125	395	66.19	$152.99
AMD Ryzen 5 1600	12310	291	129.59	$95.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 1600X	13203	264	75.46	$174.99
AMD Ryzen 5 2400G	9319	476	25.33	$368.00
AMD Ryzen 5 2400GE	9034	506	NA	NA
AMD Ryzen 5 2500U	7387	685	NA	NA
AMD Ryzen 5 2500X	9704	439	NA	NA
AMD Ryzen 5 2600	13492	252	112.45	$119.99
AMD Ryzen 5 2600H	8366	575	NA	NA
AMD Ryzen 5 2600X	14356	222	89.73	$159.99
AMD Ryzen 5 3400G	9952	411	62.21	$159.99
AMD Ryzen 5 3500	14792	211	NA	NA
AMD Ryzen 5 3500U	7746	645	NA	NA
AMD Ryzen 5 3500X	15962	173	NA	NA
AMD Ryzen 5 3550H	8396	573	NA	NA
AMD Ryzen 5 3580U	7911	625	NA	NA
AMD Ryzen 5 3600	19864	101	108.55	$182.99
AMD Ryzen 5 3600X	20491	90	90.90	$225.43
AMD Ryzen 5 PRO 1500	10133	394	NA	NA
AMD Ryzen 5 PRO 1600	12213	297	NA	NA
AMD Ryzen 5 PRO 2400G	9934	413	NA	NA
AMD Ryzen 5 PRO 2400GE	8405	571	NA	NA
AMD Ryzen 5 PRO 2500U	8165	595	NA	NA
AMD Ryzen 5 PRO 2600	13927	234	NA	NA
AMD Ryzen 5 PRO 3400G	10498	370	NA	NA
AMD Ryzen 5 PRO 3400GE	10263	383	NA	NA
AMD Ryzen 5 PRO 3500U	8496	561	NA	NA
AMD Ryzen 5 PRO 3600	21586	75	NA	NA
AMD Ryzen 7 1700	13939	233	48.07	$289.98
AMD Ryzen 7 1700X	14814	210	52.91	$279.98
AMD Ryzen 7 1800X	15545	189	60.02	$259.00
AMD Ryzen 7 2700	15051	201	79.08	$190.34
AMD Ryzen 7 2700E	13410	258	NA	NA
AMD Ryzen 7 2700U	7413	678	NA	NA
AMD Ryzen 7 2700X	16924	146	76.10	$222.39

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 2800H	8498	560	NA	NA
AMD Ryzen 7 3700U	7967	620	NA	NA
AMD Ryzen 7 3700X	23840	57	78.43	$303.99
AMD Ryzen 7 3750H	8851	529	NA	NA
AMD Ryzen 7 3780U	8134	597	NA	NA
AMD Ryzen 7 3800X	24489	51	72.03	$339.99
AMD Ryzen 7 PRO 1700	14112	228	NA	NA
AMD Ryzen 7 PRO 1700X	15324	194	NA	NA
AMD Ryzen 7 PRO 2700	15070	200	NA	NA
AMD Ryzen 7 PRO 2700U	8865	527	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 2700X	17128	142	NA	NA
AMD Ryzen 7 PRO 3700	25843	37	NA	NA
AMD Ryzen 7 PRO 3700U	8422	569	NA	NA
AMD Ryzen 9 3900	30926	15	NA	NA
AMD Ryzen 9 3900X	31954	12	76.08	$419.99
AMD Ryzen 9 3950X	35631	7	47.51	$749.99
AMD Ryzen 9 PRO 3900	32899	10	NA	NA
AMD Ryzen Embedded R1505G	4614	1049	NA	NA
AMD Ryzen Embedded R1606G	4750	1027	NA	NA
AMD Ryzen Embedded V1202B	4447	1087	NA	NA
AMD Ryzen Embedded V1404I	5180	939	NA	NA
AMD Ryzen Embedded V1605B	7407	681	NA	NA
AMD Ryzen Embedded V1756B	8559	557	NA	NA
AMD Ryzen Embedded V1807B	8101	603	NA	NA
AMD Ryzen Threadripper 1900X	15996	171	56.20	$284.63
AMD Ryzen Threadripper 1920X	20142	98	76.85	$262.08
AMD Ryzen Threadripper 1950X	21944	69	44.79	$489.99*
AMD Ryzen Threadripper 2920X	21817	72	47.43	$459.95
AMD Ryzen Threadripper 2950X	25243	44	37.12	$679.99
AMD Ryzen Threadripper 2970WX	21723	74	23.62	$919.59
AMD Ryzen Threadripper 2990WX	23242	62	15.50	$1,499.29
AMD Ryzen Threadripper 2990X	19227	116	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Threadripper 3960X	46200	4	33.02	$1,399.00
AMD Ryzen Threadripper 3970X	48526	2	24.76	$1,959.95
AMD Ryzen Threadripper 3990X	54603	1	14.00	$3,899.99
AMD Sempron 130	700	2522	28.03	$24.99*
AMD Sempron 140	741	2504	18.73	$39.59*
AMD Sempron 145	806	2476	8.50	$94.92
AMD Sempron 150	759	2494	16.91	$44.95*
AMD Sempron 200U	267	2907	3.08	$87.00*
AMD Sempron 210U	391	2753	NA	NA
AMD Sempron 240	2110	1780	36.39	$58.00
AMD Sempron 2100+	392	2751	NA	NA
AMD Sempron 2200+	282	2886	9.42	$29.99*
AMD Sempron 2300+	318	2827	7.07	$45.00*
AMD Sempron 2400+	314	2835	13.69	$22.99
AMD Sempron 2500+	334	2812	4.78	$69.95
AMD Sempron 2600+	374	2768	17.01	$22.00
AMD Sempron 2650 APU	944	2404	14.55	$64.95
AMD Sempron 2800+	383	2758	9.60	$39.95
AMD Sempron 3000+	408	2724	20.41	$20.00
AMD Sempron 3100+	452	2678	7.53	$60.00*
AMD Sempron 3200+	406	2729	3.33	$122.25*
AMD Sempron 3300+	484	2648	4.39	$110.27*
AMD Sempron 3400+	454	2676	3.13	$145.43
AMD Sempron 3500+	379	2761	18.98	$20.00*
AMD Sempron 3600+	477	2652	39.83	$12.00*
AMD Sempron 3800+	554	2594	3.62	$152.92*
AMD Sempron 3850 APU	1723	1966	23.94	$72.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron Dual Core 2100	936	2409	24.02	$39.00*
AMD Sempron Dual Core 2200	995	2364	NA	NA
AMD Sempron Dual Core 2300	982	2373	23.39	$41.99*
AMD Sempron Dual Core 4700	948	2400	NA	NA
AMD Sempron Dual Core 4900	1081	2317	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	2637	NA	NA
AMD Sempron LE-1100	437	2696	NA	NA
AMD Sempron LE-1150	439	2694	NA	NA
AMD Sempron LE-1200	529	2608	NA	NA
AMD Sempron LE-1250	543	2599	5.44	$99.95*
AMD Sempron LE-1300	598	2571	23.92	$25.00
AMD Sempron LE-1600	535	2604	NA	NA
AMD Sempron LE-1620	635	2552	NA	NA
AMD Sempron LE-1640	759	2496	NA	NA
AMD Sempron M100	566	2590	47.17	$12.00*
AMD Sempron M120	582	2579	NA	NA
AMD Sempron SI-40	447	2685	37.27	$12.00*
AMD Sempron SI-42	455	2675	15.19	$30.01*
AMD Sempron X2 180	1391	2132	20.05	$69.40*
AMD Sempron X2 190	1534	2071	18.39	$83.44*
AMD Sempron X2 198 Dual-Core	1413	2125	NA	NA
AMD Turion 64 Mobile MK-36	465	2664	NA	NA
AMD Turion 64 Mobile MK-38	513	2620	NA	NA
AMD Turion 64 Mobile ML-28	390	2755	NA	NA
AMD Turion 64 Mobile ML-30	402	2735	NA	NA
AMD Turion 64 Mobile ML-32	402	2733	NA	NA
AMD Turion 64 Mobile ML-34	425	2710	NA	NA
AMD Turion 64 Mobile ML-37	446	2686	2.27	$196.50*
AMD Turion 64 Mobile ML-40	522	2615	NA	NA
AMD Turion 64 Mobile ML-42	615	2561	NA	NA
AMD Turion 64 Mobile ML-44	591	2572	NA	NA
AMD Turion 64 Mobile MT-28	419	2713	NA	NA
AMD Turion 64 Mobile MT-30	378	2762	NA	NA
AMD Turion 64 Mobile MT-32	426	2709	NA	NA
AMD Turion 64 Mobile MT-34	429	2706	NA	NA
AMD Turion 64 Mobile MT-37	484	2647	NA	NA
AMD Turion 64 Mobile MT-40	536	2603	NA	NA
AMD Turion 64 X2 Mobile TL-50	744	2502	14.89	$49.99*

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-52	760	2492	NA	NA
AMD Turion 64 X2 Mobile TL-56	892	2436	63.96	$13.95*
AMD Turion 64 X2 Mobile TL-58	949	2399	NA	NA
AMD Turion 64 X2 Mobile TL-60	999	2361	62.67	$15.95*
AMD Turion 64 X2 Mobile TL-62	1078	2319	3.47	$311.00*
AMD Turion 64 X2 Mobile TL-64	1086	2310	27.58	$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2280	3.02	$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	2268	12.92	$90.00*
AMD Turion Dual-Core RM-70	912	2426	36.49	$25.00*
AMD Turion Dual-Core RM-72	860	2445	21.52	$39.99*
AMD Turion Dual-Core RM-74	1016	2350	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion Dual-Core RM-75	1019	2348	37.11	$27.46*
AMD Turion II Dual-Core Mobile M500	1293	2188	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2179	18.90	$69.10*
AMD Turion II Dual-Core Mobile M540	1338	2164	NA	NA
AMD Turion II N530 Dual-Core	1567	2057	52.24	$30.00*
AMD Turion II N550 Dual-Core	1521	2074	NA	NA
AMD Turion II Neo K625 Dual-Core	977	2376	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2252	NA	NA
AMD Turion II Neo N40L Dual-Core	930	2413	NA	NA
AMD Turion II Neo N54L Dual-Core	1353	2155	NA	NA
AMD Turion II P520 Dual-Core	1359	2153	NA	NA
AMD Turion II P540 Dual-Core	1432	2117	28.68	$49.95*
AMD Turion II P560 Dual-Core	1513	2083	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1400	2128	52.32	$26.76*
AMD Turion II Ultra Dual-Core Mobile M620	1435	2114	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1670	1997	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	2072	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2472	NA	NA
AMD Turion X2 Dual Core L510	923	2419	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2446	6.48	$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2324	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Dual-Core Mobile RM-70	991	2370	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1084	2313	4.83	$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1064	2322	43.52	$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1121	2286	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1108	2297	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1023	2342	16.51	$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2314	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1202	2243	63.35	$18.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2226	27.43	$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1301	2181	23.66	$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1217	2235	30.48	$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2363	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2340	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	2105	NA	NA
AMD V105	299	2855	NA	NA
AMD V120	623	2560	NA	NA
AMD V140	642	2549	12.87	$49.95*
AMD V160	673	2535	NA	NA
AMD Z-01	523	2613	NA	NA
AMD Z-60 APU	500	2630	NA	NA
AMD-K6 3D	90	3031	NA	NA
AMD-K6-III	108	3028	NA	NA
AMD-K7	403	2732	NA	NA
Athlon 64 Dual Core 3800+	1234	2227	NA	NA
Athlon 64 Dual Core 4200+	1156	2272	5.64	$204.95*
Athlon 64 Dual Core 4800+	1370	2146	NA	NA
Athlon 64 Dual Core 5000+	1507	2084	NA	NA
Athlon 64 Dual Core 5400+	1614	2035	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Athlon 64 Dual Core 5600+	1548	2066	NA	NA
Athlon Dual Core 4050e	968	2382	NA	NA
Athlon Dual Core 4450e	1204	2242	NA	NA
Athlon Dual Core 4850e	1346	2159	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1507	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1084	2311	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1175	2258	27.98	$42.00*
Celeron Dual-Core T3300 @ 2.00GHz	1200	2246	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1274	2205	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2240	NA	NA
HP Hexa-Core 2.0GHz	2178	1751	4.32	$504.27*
Intel 2.80GHz	525	2611	NA	NA
Intel 1300 @ 1.66GHz	857	2447	NA	NA
Intel 1400 @ 1.83GHz	980	2374	NA	NA
Intel 1500 @ 2.00GHz	1024	2341	NA	NA
Intel Atom 230 @ 1.60GHz	307	2842	NA	NA
Intel Atom 330 @ 1.60GHz	586	2576	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2433	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2391	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1789	20.05	$104.00*
Intel Atom C2550 @ 2.40GHz	2141	1764	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1754	15.95	$136.00*
Intel Atom C2750 @ 2.40GHz	3768	1226	16.24	$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1339	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1394	14.72	$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1640	32.73	$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1610	29.52	$86.00*
Intel Atom C3858 @ 2.00GHz	4852	1006	14.62	$332.00*
Intel Atom C3958 @ 2.00GHz	6586	763	14.67	$449.00*
Intel Atom D410 @ 1.66GHz	301	2851	0.47	$635.99*
Intel Atom D425 @ 1.80GHz	345	2803	0.35	$992.98*
Intel Atom D510 @ 1.66GHz	659	2540	6.79	$97.16*
Intel Atom D525 @ 1.80GHz	705	2518	NA	NA
Intel Atom D2500 @ 1.86GHz	407	2726	NA	NA
Intel Atom D2550 @ 1.86GHz	681	2532	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2514	NA	NA
Intel Atom D2700 @ 2.13GHz	843	2456	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D2701 @ 2.13GHz	720	2511	NA	NA
Intel Atom E660 @ 1.30GHz	271	2902	5.03	$54.00*
Intel Atom E680 @ 1.60GHz	346	2800	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2817	1.58	$209.99
Intel Atom E3825 @ 1.33GHz	579	2581	8.24	$70.32*
Intel Atom E3826 @ 1.46GHz	489	2638	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2453	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2269	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	2087	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1897	NA	NA
Intel Atom E3950 @ 1.60GHz	1886	1891	NA	NA
Intel Atom K510 @ 1.66GHz	658	2542	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N270 @ 1.60GHz	269	2906	NA	NA
Intel Atom N280 @ 1.66GHz	282	2887	NA	NA
Intel Atom N435 @ 1.33GHz	261	2914	NA	NA
Intel Atom N450 @ 1.66GHz	297	2858	NA	NA
Intel Atom N455 @ 1.66GHz	283	2883	NA	NA
Intel Atom N470 @ 1.83GHz	332	2816	NA	NA
Intel Atom N475 @ 1.83GHz	314	2833	NA	NA
Intel Atom N550 @ 1.50GHz	522	2614	6.08	$86.00*
Intel Atom N570 @ 1.66GHz	575	2585	6.69	$86.00*
Intel Atom N2100 @ 1.60GHz	302	2847	NA	NA
Intel Atom N2600 @ 1.60GHz	528	2609	NA	NA
Intel Atom N2800 @ 1.86GHz	625	2559	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2422	14.32	$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1811	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2473	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1572	2055	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1192	2249	8.96	$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1029	2338	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1276	2201	60.80	$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1694	1986	27.09	$62.57*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom x5-Z8550 @ 1.44GHz	1836	1913	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1890	1887	25.68	$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1899	1880	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2982	4.33	$45.00*
Intel Atom Z515 @ 1.20GHz	218	2958	NA	NA
Intel Atom Z520 @ 1.33GHz	219	2956	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2891	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2796	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2759	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2938	NA	NA
Intel Atom Z2760 @ 1.80GHz	572	2586	NA	NA
Intel Atom Z3735D @ 1.33GHz	937	2407	NA	NA
Intel Atom Z3735E @ 1.33GHz	948	2401	8.10	$117.00*
Intel Atom Z3735F @ 1.33GHz	914	2424	5.04	$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2429	NA	NA
Intel Atom Z3736F @ 1.33GHz	913	2425	NA	NA
Intel Atom Z3740 @ 1.33GHz	1069	2321	NA	NA
Intel Atom Z3740D @ 1.33GHz	1011	2351	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2318	35.98	$30.00*
Intel Atom Z3745D @ 1.33GHz	1018	2349	NA	NA
Intel Atom Z3770 @ 1.46GHz	1252	2218	8.38	$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2477	NA	NA
Intel Atom Z3775 @ 1.46GHz	1276	2202	36.48	$35.00*
Intel Atom Z3775D @ 1.49GHz	1274	2206	NA	NA
Intel Atom Z3795 @ 1.60GHz	1798	1929	NA	NA
Intel Celeron 1.70GHz	129	3023	NA	NA
Intel Celeron 1.80GHz	136	3019	NA	NA
Intel Celeron 2.00GHz	182	2994	NA	NA
Intel Celeron 2.10GHz	244	2936	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.13GHz	208	2969	NA	NA
Intel Celeron 2.20GHz	213	2964	NA	NA
Intel Celeron 2.26GHz	223	2953	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.30GHz	227	2950	NA	NA
Intel Celeron 2.40GHz	217	2959	NA	NA
Intel Celeron 2.50GHz	247	2930	NA	NA
Intel Celeron 2.53GHz	245	2934	NA	NA
Intel Celeron 2.60GHz	238	2940	NA	NA
Intel Celeron 2.66GHz	248	2928	NA	NA
Intel Celeron 2.70GHz	245	2935	NA	NA
Intel Celeron 2.80GHz	254	2920	NA	NA
Intel Celeron 2.93GHz	283	2882	NA	NA
Intel Celeron 3.06GHz	284	2880	NA	NA
Intel Celeron 3.20GHz	289	2871	NA	NA
Intel Celeron 3.33GHz	333	2814	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2823	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2825	NA	NA
Intel Celeron 420 @ 1.60GHz	451	2679	11.28	$39.99*
Intel Celeron 430 @ 1.80GHz	487	2639	4.43	$109.98
Intel Celeron 440 @ 2.00GHz	544	2597	18.15	$29.99
Intel Celeron 450 @ 2.20GHz	625	2558	20.87	$29.99*
Intel Celeron 530 @ 1.73GHz	474	2657	20.62	$22.99*
Intel Celeron 540 @ 1.86GHz	524	2612	NA	NA
Intel Celeron 550 @ 2.00GHz	519	2616	7.99	$64.95*
Intel Celeron 560 @ 2.13GHz	531	2606	6.65	$79.95
Intel Celeron 570 @ 2.26GHz	517	2617	NA	NA
Intel Celeron 600MHz	147	3015	NA	NA
Intel Celeron 723 @ 1.20GHz	390	2754	NA	NA
Intel Celeron 743 @ 1.30GHz	421	2712	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2499	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2775	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2562	NA	NA
Intel Celeron 847 @ 1.10GHz	936	2408	2.97	$315.00*
Intel Celeron 847E @ 1.10GHz	1021	2345	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2278	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2261	39.12	$29.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 877 @ 1.40GHz	1291	2189	NA	NA
Intel Celeron 887 @ 1.50GHz	1276	2203	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2534	23.33	$28.99
Intel Celeron 925 @ 2.30GHz	689	2527	NA	NA
Intel Celeron 1000M @ 1.80GHz	1669	2000	NA	NA
Intel Celeron 1000MHz	213	2962	NA	NA
Intel Celeron 1005M @ 1.90GHz	1808	1924	NA	NA
Intel Celeron 1007U @ 1.50GHz	1390	2135	7.52	$184.99*
Intel Celeron 1017U @ 1.60GHz	1499	2089	NA	NA
Intel Celeron 1019Y @ 1.00GHz	954	2396	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1732	NA	NA
Intel Celeron 1020M @ 2.10GHz	2023	1821	NA	NA
Intel Celeron 1037U @ 1.80GHz	1733	1963	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1047UE @ 1.40GHz	1188	2251	NA	NA
Intel Celeron 1066MHz	259	2916	NA	NA
Intel Celeron 1100MHz	174	3001	NA	NA
Intel Celeron 1133MHz	282	2884	NA	NA
Intel Celeron 1200MHz	244	2937	NA	NA
Intel Celeron 1300MHz	288	2874	NA	NA
Intel Celeron 1333MHz	290	2868	NA	NA
Intel Celeron 1400MHz	302	2848	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1675	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	2038	18.67	$86.00*
Intel Celeron 2950M @ 2.00GHz	1971	1842	NA	NA
Intel Celeron 2955U @ 1.40GHz	1411	2126	NA	NA
Intel Celeron 2957U @ 1.40GHz	1434	2116	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1125	2285	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1691	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	2047	NA	NA
Intel Celeron 2981U @ 1.60GHz	1383	2137	NA	NA
Intel Celeron 3205U @ 1.50GHz	1487	2094	5.18	$287.04*
Intel Celeron 3215U @ 1.70GHz	1652	2016	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3755U @ 1.70GHz	1702	1981	NA	NA
Intel Celeron 3765U @ 1.90GHz	1948	1857	NA	NA
Intel Celeron 3855U @ 1.60GHz	1658	2013	NA	NA
Intel Celeron 3865U @ 1.80GHz	1904	1877	NA	NA
Intel Celeron 3867U @ 1.80GHz	1862	1901	17.41	$107.00*
Intel Celeron 3955U @ 2.00GHz	1970	1844	NA	NA
Intel Celeron 3965U @ 2.20GHz	2347	1681	21.94	$107.00*
Intel Celeron 3965Y @ 1.50GHz	1607	2037	15.03	$107.00*
Intel Celeron 4205U @ 1.80GHz	1981	1837	18.52	$107.00*
Intel Celeron 4305UE @ 2.00GHz	2584	1592	NA	NA
Intel Celeron @ 1.30GHz	965	2385	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2988	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2470	NA	NA
Intel Celeron B800 @ 1.50GHz	1275	2204	NA	NA
Intel Celeron B810 @ 1.60GHz	1399	2129	NA	NA
Intel Celeron B815 @ 1.60GHz	1365	2148	NA	NA
Intel Celeron B820 @ 1.70GHz	1434	2115	36.52	$39.29*
Intel Celeron B830 @ 1.80GHz	1514	2082	NA	NA
Intel Celeron B840 @ 1.90GHz	1715	1971	NA	NA
Intel Celeron D 347 @ 3.06GHz	271	2903	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2849	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2830	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2809	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2730	4.50	$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2650	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2577	NA	NA
Intel Celeron E1200 @ 1.60GHz	861	2444	12.30	$69.99
Intel Celeron E1400 @ 2.00GHz	1053	2328	15.05	$69.99
Intel Celeron E1500 @ 2.20GHz	1168	2265	59.47	$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2215	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Celeron E3200 @ 2.40GHz	1379	2140	26.54	$51.99*
Intel Celeron E3300 @ 2.50GHz	1391	2134	24.40	$57.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron E3400 @ 2.60GHz	1440	2112	2.36	$610.00*
Intel Celeron E3500 @ 2.70GHz	1454	2104	36.37	$39.99*
Intel Celeron G440 @ 1.60GHz	694	2524	13.90	$49.99*
Intel Celeron G460 @ 1.80GHz	1037	2335	15.96	$65.00
Intel Celeron G465 @ 1.90GHz	1091	2307	10.91	$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2184	NA	NA
Intel Celeron G530 @ 2.40GHz	2125	1775	53.16	$39.99*
Intel Celeron G530T @ 2.00GHz	1773	1940	NA	NA
Intel Celeron G540 @ 2.50GHz	2199	1747	48.88	$45.00*
Intel Celeron G540T @ 2.10GHz	2067	1803	NA	NA
Intel Celeron G550 @ 2.60GHz	2291	1701	28.65	$80.00
Intel Celeron G550T @ 2.20GHz	2032	1813	NA	NA
Intel Celeron G555 @ 2.70GHz	2425	1652	22.25	$109.00*
Intel Celeron G1101 @ 2.27GHz	1667	2004	84.34	$19.77*
Intel Celeron G1610 @ 2.60GHz	2488	1631	52.96	$47.00
Intel Celeron G1610T @ 2.30GHz	2258	1718	56.42	$40.04*
Intel Celeron G1620 @ 2.70GHz	2579	1593	39.70	$64.99
Intel Celeron G1620T @ 2.40GHz	2362	1676	56.26	$42.00*
Intel Celeron G1630 @ 2.80GHz	2507	1623	35.83	$69.99
Intel Celeron G1820 @ 2.70GHz	2749	1542	63.96	$42.99
Intel Celeron G1820T @ 2.40GHz	2495	1630	59.42	$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1771	NA	NA
Intel Celeron G1830 @ 2.80GHz	2568	1599	27.05	$94.95*
Intel Celeron G1840 @ 2.80GHz	2860	1505	36.21	$79.00
Intel Celeron G1840T @ 2.50GHz	2550	1605	NA	NA
Intel Celeron G1850 @ 2.90GHz	2903	1490	36.29	$79.99*
Intel Celeron G3900 @ 2.80GHz	3112	1415	69.17	$44.99
Intel Celeron G3900E @ 2.40GHz	2679	1560	25.05	$107.00*
Intel Celeron G3900T @ 2.60GHz	2925	1480	26.01	$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1588	61.71	$42.00*
Intel Celeron G3920 @ 2.90GHz	3129	1407	34.39	$90.99
Intel Celeron G3930 @ 2.90GHz	3042	1438	33.97	$89.59*
Intel Celeron G3930T @ 2.70GHz	2766	1535	69.25	$39.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3930TE @ 2.70GHz	2946	1469	70.17	$42.00*
Intel Celeron G3950 @ 3.00GHz	3095	1420	28.39	$109.04*
Intel Celeron G4900 @ 3.10GHz	3290	1354	41.13	$79.99*
Intel Celeron G4900T @ 2.90GHz	3109	1416	74.03	$42.00*
Intel Celeron G4920 @ 3.20GHz	3271	1359	50.93	$64.23
Intel Celeron G4930 @ 3.20GHz	3499	1298	59.61	$58.70
Intel Celeron J1750 @ 2.41GHz	1037	2336	NA	NA
Intel Celeron J1800 @ 2.41GHz	1020	2346	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	2032	NA	NA
Intel Celeron J1900 @ 1.99GHz	1854	1904	NA	NA
Intel Celeron J3060 @ 1.60GHz	979	2375	NA	NA
Intel Celeron J3160 @ 1.60GHz	1793	1931	NA	NA
Intel Celeron J3355 @ 2.00GHz	1147	2277	NA	NA
Intel Celeron J3455 @ 1.50GHz	2107	1781	6.02	$349.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron J4005 @ 2.00GHz	1552	2064	8.39	$184.94
Intel Celeron J4025 @ 2.00GHz	1750	1954	NA	NA
Intel Celeron J4105 @ 1.50GHz	2644	1571	24.71	$107.00*
Intel Celeron J4125 @ 2.00GHz	2912	1481	NA	NA
Intel Celeron M 1.00GHz	213	2963	16.96	$12.59
Intel Celeron M 1.30GHz	316	2829	NA	NA
Intel Celeron M 1.50GHz	344	2805	NA	NA
Intel Celeron M 1.60GHz	362	2786	NA	NA
Intel Celeron M 1.70GHz	393	2749	NA	NA
Intel Celeron M 360 1.40GHz	328	2819	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2831	NA	NA
Intel Celeron M 420 @ 1.60GHz	334	2813	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2777	NA	NA
Intel Celeron M 440 @ 1.86GHz	392	2750	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2922	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2681	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2704	NA	NA
Intel Celeron M 530 @ 1.73GHz	469	2661	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 540 @ 1.86GHz	542	2600	NA	NA
Intel Celeron M 600MHz	151	3013	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2674	NA	NA
Intel Celeron M 900MHz	205	2970	NA	NA
Intel Celeron M 1200MHz	275	2899	NA	NA
Intel Celeron M 1300MHz	303	2845	NA	NA
Intel Celeron M 1500MHz	333	2815	NA	NA
Intel Celeron M ULV 800MHz	184	2992	NA	NA
Intel Celeron N2805 @ 1.46GHz	460	2671	NA	NA
Intel Celeron N2806 @ 1.60GHz	799	2478	NA	NA
Intel Celeron N2807 @ 1.58GHz	853	2452	NA	NA
Intel Celeron N2808 @ 1.58GHz	897	2434	NA	NA
Intel Celeron N2810 @ 2.00GHz	788	2483	5.64	$139.99*
Intel Celeron N2815 @ 1.86GHz	855	2449	NA	NA
Intel Celeron N2820 @ 2.13GHz	935	2410	4.16	$225.00
Intel Celeron N2830 @ 2.16GHz	965	2384	NA	NA
Intel Celeron N2840 @ 2.16GHz	1002	2359	NA	NA
Intel Celeron N2910 @ 1.60GHz	1195	2248	NA	NA
Intel Celeron N2920 @ 1.86GHz	1515	2081	NA	NA
Intel Celeron N2930 @ 1.83GHz	1656	2014	NA	NA
Intel Celeron N2940 @ 1.83GHz	1715	1970	NA	NA
Intel Celeron N3000 @ 1.04GHz	899	2431	NA	NA
Intel Celeron N3010 @ 1.04GHz	967	2383	NA	NA
Intel Celeron N3050 @ 1.60GHz	879	2437	5.20	$169.00
Intel Celeron N3060 @ 1.60GHz	982	2372	NA	NA
Intel Celeron N3150 @ 1.60GHz	1665	2005	NA	NA
Intel Celeron N3160 @ 1.60GHz	1670	1999	5.97	$279.99
Intel Celeron N3350 @ 1.10GHz	1113	2293	4.28	$259.95
Intel Celeron N3450 @ 1.10GHz	1849	1907	9.99	$185.08*
Intel Celeron N4000 @ 1.10GHz	1430	2118	13.37	$107.00*
Intel Celeron N4000C @ 1.10GHz	1226	2230	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N4100 @ 1.10GHz	2245	1724	20.99	$107.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N4120 @ 1.10GHz	2175	1752	NA	NA
Intel Celeron P4500 @ 1.87GHz	1116	2289	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2368	NA	NA
Intel Celeron P4600 @ 2.00GHz	1328	2169	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2487	NA	NA
Intel Celeron T1600 @ 1.66GHz	934	2412	46.77	$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2325	35.29	$29.99*
Intel Celeron U1900 @ 1.99GHz	1704	1979	NA	NA
Intel Celeron U3400 @ 1.07GHz	721	2509	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2529	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2475	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1052	2329	6.58	$159.95
Intel Core2 Duo E4400 @ 2.00GHz	1160	2270	23.22	$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1271	2208	17.85	$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1385	2136	8.77	$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	2097	54.89	$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1107	2300	85.29	$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2253	23.72	$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1288	2193	43.02	$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1360	2152	27.21	$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	2107	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1497	2090	100.17	$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1555	2063	103.77	$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1690	1987	56.38	$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1709	1976	166.00	$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1940	1858	38.82	$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1625	2030	33.18	$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1726	1964	43.29	$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1770	1942	61.06	$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1873	1894	124.99	$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1957	1852	16.32	$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1490	2092	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1789	1933	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8200 @ 2.66GHz	1883	1892	37.67	$49.99*
Intel Core2 Duo E8235 @ 2.80GHz	1955	1854	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1679	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1986	1835	99.38	$19.99*
Intel Core2 Duo E8335 @ 2.66GHz	1855	1903	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1773	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2147	1763	47.21	$45.50*
Intel Core2 Duo E8435 @ 3.06GHz	2068	1802	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2277	1707	56.95	$39.99*
Intel Core2 Duo E8600 @ 3.33GHz	2398	1664	56.51	$42.45*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1740	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2491	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2530	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2466	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2455	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo L7500 @ 1.60GHz	961	2390	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	969	2381	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2288	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1081	2316	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1346	2158	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	2191	64.49	$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1316	2172	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1415	2124	35.39	$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2403	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1516	2079	6.60	$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1455	2103	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2344	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1452	2106	4.89	$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1537	2069	31.26	$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1623	2031	42.74	$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1742	1958	30.58	$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	2059	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P9500 @ 2.53GHz	1747	1955	1.75	$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1754	1952	17.72	$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1867	1898	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2025	1817	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2574	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1263	2212	4.99	$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1674	1996	5.90	$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	927	2415	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	831	2461	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	841	2458	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2471	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	935	2411	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	915	2423	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	912	2428	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2420	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1040	2334	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1027	2339	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2369	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1094	2305	109.53	$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1114	2290	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1204	2241	75.73	$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1154	2274	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2238	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2231	81.79	$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1284	2197	85.69	$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1256	2214	32.64	$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1361	2150	72.02	$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1360	2151	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1019	2347	46.38	$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1164	2267	11.66	$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1117	2287	5.54	$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1196	2247	38.60	$30.99*
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 T7400 @ 2.16GHz	1250	2221	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1272	2207	29.61	$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1377	2142	12.52	$109.95
Intel Core2 Duo T7700 @ 2.40GHz	1424	2120	10.18	$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1601	2041	2.63	$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1297	2185	1.30	$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1471	2099	13.50	$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1676	1994	28.91	$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1737	1962	38.66	$44.95*
Intel Core2 Duo T9500 @ 2.60GHz	1793	1932	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1800	1927	6.02	$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1926	1866	21.41	$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2000	1829	4.72	$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2137	1766	5.36	$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	871	2439	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2573	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	670	2537	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2523	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	855	2450	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1132	2284	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1988	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3657	1261	3.25	$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3614	1265	2.42	$1,495.95*
Intel Core2 Extreme Q9200 @ 2.40GHz	3415	1318	NA	NA
Intel Core2 Extreme Q9300 @ 2.53GHz	3462	1310	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1873	1895	7.11	$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1798	1928	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2166	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1686	1990	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1883	4.62	$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2078	1794	2.44	$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4162	1149	4.84	$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	1075	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Extreme X9770 @ 3.20GHz	4608	1052	2.86	$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	1042	2.57	$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2946	1470	73.70	$39.98*
Intel Core2 Quad Q6700 @ 2.66GHz	3277	1357	72.84	$44.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2804	1519	121.99	$22.99*
Intel Core2 Quad Q8300 @ 2.50GHz	2975	1460	59.51	$49.99*
Intel Core2 Quad Q8400 @ 2.66GHz	3161	1396	13.18	$239.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2513	1620	6.46	$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1368	8.40	$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3153	1400	15.81	$199.50*
Intel Core2 Quad Q9400 @ 2.66GHz	3338	1344	69.52	$48.03*
Intel Core2 Quad Q9450 @ 2.66GHz	3755	1234	105.19	$35.70*
Intel Core2 Quad Q9500 @ 2.83GHz	3522	1292	100.66	$34.99*
Intel Core2 Quad Q9505 @ 2.83GHz	3517	1294	18.51	$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3960	1182	89.01	$44.49*
Intel Core2 Quad Q9650 @ 3.00GHz	4152	1151	25.12	$165.32*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1186	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2788	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2838	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2716	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	465	2663	NA	NA
Intel Core 330 @ 1.60GHz	643	2548	NA	NA
Intel Core 860 @ 2.80GHz	4555	1061	57.67	$79.00*
Intel Core Duo L2300 @ 1.50GHz	719	2512	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2520	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2500	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2526	NA	NA
Intel Core Duo T2250 @ 1.73GHz	755	2497	NA	NA
Intel Core Duo T2300 @ 1.66GHz	726	2507	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2490	NA	NA
Intel Core Duo T2400 @ 1.83GHz	796	2479	49.79	$16.00*
Intel Core Duo T2450 @ 2.00GHz	822	2467	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo T2500 @ 2.00GHz	863	2443	7.20	$119.99*
Intel Core Duo T2600 @ 2.16GHz	940	2406	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1022	2343	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2598	NA	NA
Intel Core Duo U2500 @ 1.20GHz	507	2627	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1861	NA	NA
Intel Core i3-330M @ 2.13GHz	1784	1936	11.16	$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2320	NA	NA
Intel Core i3-350M @ 2.27GHz	1891	1886	54.58	$34.65
Intel Core i3-370M @ 2.40GHz	2015	1823	57.91	$34.81
Intel Core i3-380M @ 2.53GHz	2092	1785	38.40	$54.49*
Intel Core i3-380UM @ 1.33GHz	1160	2271	NA	NA
Intel Core i3-390M @ 2.67GHz	2168	1755	55.69	$38.95*
Intel Core i3-530 @ 2.93GHz	2563	1600	69.29	$37.00
Intel Core i3-540 @ 3.07GHz	2683	1559	37.06	$72.42
Intel Core i3-550 @ 3.20GHz	2828	1510	16.10	$175.74
Intel Core i3-560 @ 3.33GHz	2935	1474	16.31	$179.95*
Intel Core i3-1005G1 @ 1.20GHz	6102	810	21.72	$281.00*
Intel Core i3-2100 @ 3.10GHz	3696	1251	75.44	$49.00
Intel Core i3-2100T @ 2.50GHz	3009	1444	50.17	$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1241	64.41	$58.00*
Intel Core i3-2105 @ 3.10GHz	3725	1242	32.40	$114.99*
Intel Core i3-2120 @ 3.30GHz	3932	1192	112.36	$35.00
Intel Core i3-2120T @ 2.60GHz	3163	1393	19.77	$160.00
Intel Core i3-2125 @ 3.30GHz	4012	1171	19.38	$207.00*
Intel Core i3-2130 @ 3.40GHz	4076	1163	114.86	$35.49
Intel Core i3-2140 @ 3.50GHz	4325	1114	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1506	12.62	$225.00*
Intel Core i3-2310M @ 2.10GHz	2435	1650	62.77	$38.81
Intel Core i3-2312M @ 2.10GHz	2374	1670	NA	NA
Intel Core i3-2328M @ 2.20GHz	2545	1607	27.38	$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1430	NA	NA
Intel Core i3-2330M @ 2.20GHz	2530	1613	50.66	$49.95

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2332M @ 2.20GHz	2382	1668	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1969	NA	NA
Intel Core i3-2348M @ 2.30GHz	2627	1577	NA	NA
Intel Core i3-2350M @ 2.30GHz	2630	1576	82.51	$31.88
Intel Core i3-2357M @ 1.30GHz	1556	2062	NA	NA
Intel Core i3-2365M @ 1.40GHz	1682	1992	NA	NA
Intel Core i3-2367M @ 1.40GHz	1704	1980	NA	NA
Intel Core i3-2370M @ 2.40GHz	2778	1529	69.80	$39.81
Intel Core i3-2375M @ 1.50GHz	1780	1938	NA	NA
Intel Core i3-2377M @ 1.50GHz	1823	1922	NA	NA
Intel Core i3-3110M @ 2.40GHz	3085	1425	38.59	$79.95*
Intel Core i3-3120M @ 2.50GHz	3228	1373	111.73	$28.90
Intel Core i3-3130M @ 2.60GHz	3388	1328	NA	NA
Intel Core i3-3210 @ 3.20GHz	4045	1165	20.33	$199.00*
Intel Core i3-3217U @ 1.80GHz	2306	1694	10.03	$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1759	NA	NA
Intel Core i3-3220 @ 3.30GHz	4247	1130	88.49	$48.00
Intel Core i3-3220T @ 2.80GHz	3697	1250	27.39	$135.00
Intel Core i3-3225 @ 3.30GHz	4347	1107	13.38	$324.99
Intel Core i3-3227U @ 1.90GHz	2470	1636	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1983	NA	NA
Intel Core i3-3240 @ 3.40GHz	4315	1117	78.46	$55.00
Intel Core i3-3240T @ 2.90GHz	3669	1258	NA	NA
Intel Core i3-3245 @ 3.40GHz	4473	1082	32.89	$135.99*
Intel Core i3-3250 @ 3.50GHz	4449	1085	63.56	$70.00
Intel Core i3-3250T @ 3.00GHz	3614	1266	NA	NA
Intel Core i3-4000M @ 2.40GHz	3254	1363	16.28	$199.95*
Intel Core i3-4005U @ 1.70GHz	2445	1646	NA	NA
Intel Core i3-4010U @ 1.70GHz	2444	1648	11.69	$209.00
Intel Core i3-4010Y @ 1.30GHz	1892	1885	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2163	1758	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2210	1741	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4025U @ 1.90GHz	2777	1530	NA	NA
Intel Core i3-4030U @ 1.90GHz	2718	1549	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1624	NA	NA
Intel Core i3-4100M @ 2.50GHz	3428	1316	15.69	$218.57*
Intel Core i3-4110M @ 2.60GHz	3854	1207	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1492	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1437	NA	NA
Intel Core i3-4130 @ 3.40GHz	4805	1015	57.21	$84.00
Intel Core i3-4130T @ 2.90GHz	4164	1148	16.75	$248.56*
Intel Core i3-4150 @ 3.50GHz	4905	998	57.68	$85.05
Intel Core i3-4150T @ 3.00GHz	4232	1133	18.41	$229.95
Intel Core i3-4158U @ 2.00GHz	2958	1465	NA	NA
Intel Core i3-4160 @ 3.60GHz	5052	963	56.14	$89.99
Intel Core i3-4160T @ 3.10GHz	4475	1081	29.84	$149.99*
Intel Core i3-4170 @ 3.70GHz	5192	937	32.80	$158.31
Intel Core i3-4170T @ 3.20GHz	4501	1076	21.44	$209.95*
Intel Core i3-4330 @ 3.50GHz	5088	954	12.72	$399.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4330T @ 3.00GHz	4507	1073	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1380	NA	NA
Intel Core i3-4340 @ 3.60GHz	5244	928	30.85	$169.99*
Intel Core i3-4350 @ 3.60GHz	4990	979	29.36	$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	1120	NA	NA
Intel Core i3-4360 @ 3.70GHz	5451	896	21.05	$259.00
Intel Core i3-4360T @ 3.20GHz	4636	1044	NA	NA
Intel Core i3-4370 @ 3.80GHz	5618	865	18.18	$309.00*
Intel Core i3-4370T @ 3.30GHz	4924	992	35.68	$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	988	NA	NA
Intel Core i3-5005U @ 2.00GHz	2904	1489	NA	NA
Intel Core i3-5010U @ 2.10GHz	3060	1434	9.06	$337.76*
Intel Core i3-5015U @ 2.10GHz	2977	1457	NA	NA
Intel Core i3-5020U @ 2.20GHz	3202	1379	6.98	$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	1257	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-6006U @ 2.00GHz	3076	1429	NA	NA
Intel Core i3-6098P @ 3.60GHz	5389	906	40.29	$133.74*
Intel Core i3-6100 @ 3.70GHz	5479	889	42.48	$128.99
Intel Core i3-6100E @ 2.70GHz	3769	1225	NA	NA
Intel Core i3-6100H @ 2.70GHz	4195	1138	NA	NA
Intel Core i3-6100T @ 3.20GHz	4869	1002	36.07	$134.99*
Intel Core i3-6100TE @ 2.70GHz	4328	1113	NA	NA
Intel Core i3-6100U @ 2.30GHz	3603	1270	7.00	$515.00*
Intel Core i3-6102E @ 1.90GHz	3196	1383	14.20	$225.00*
Intel Core i3-6157U @ 2.40GHz	3819	1216	NA	NA
Intel Core i3-6300 @ 3.80GHz	5842	840	18.85	$309.99
Intel Core i3-6300T @ 3.30GHz	5258	926	33.93	$154.99*
Intel Core i3-6320 @ 3.90GHz	6054	818	14.88	$407.00
Intel Core i3-7020U @ 2.30GHz	3535	1287	12.58	$281.00*
Intel Core i3-7100 @ 3.90GHz	5773	847	41.81	$138.07
Intel Core i3-7100H @ 3.00GHz	4271	1126	18.99	$225.00*
Intel Core i3-7100T @ 3.40GHz	5055	961	34.28	$147.47
Intel Core i3-7100U @ 2.40GHz	3759	1232	9.17	$409.99*
Intel Core i3-7101TE @ 3.40GHz	5160	942	44.11	$117.00*
Intel Core i3-7102E @ 2.10GHz	3266	1360	14.52	$225.00*
Intel Core i3-7130U @ 2.70GHz	4061	1164	8.83	$459.99*
Intel Core i3-7167U @ 2.80GHz	4757	1023	NA	NA
Intel Core i3-7300 @ 4.00GHz	6319	788	39.50	$159.99*
Intel Core i3-7300T @ 3.50GHz	5369	910	29.57	$181.59*
Intel Core i3-7320 @ 4.10GHz	6403	781	35.05	$182.72*
Intel Core i3-7350K @ 4.20GHz	6593	762	41.21	$159.99
Intel Core i3-8100 @ 3.60GHz	8004	612	66.71	$119.99
Intel Core i3-8100B @ 3.60GHz	8499	559	63.91	$133.00*
Intel Core i3-8100T @ 3.10GHz	7258	694	56.27	$129.00*
Intel Core i3-8109U @ 3.00GHz	6064	817	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	1016	NA	NA
Intel Core i3-8130U @ 2.20GHz	4993	978	17.77	$281.00*
Intel Core i3-8145U @ 2.10GHz	5455	895	19.41	$281.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8300 @ 3.70GHz	8667	548	58.29	$148.68
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8300T @ 3.20GHz	8032	607	47.11	$170.49*
Intel Core i3-8350K @ 4.00GHz	9243	485	46.51	$198.75
Intel Core i3-9100 @ 3.60GHz	8432	566	58.18	$144.95
Intel Core i3-9100F @ 3.60GHz	8899	521	104.71	$84.99
Intel Core i3-9100T @ 3.10GHz	7690	652	63.03	$122.00*
Intel Core i3-9300 @ 3.70GHz	10018	403	65.91	$152.00*
Intel Core i3-9300T @ 3.20GHz	8777	532	61.38	$143.00*
Intel Core i3-9320 @ 3.70GHz	10144	392	62.62	$162.00*
Intel Core i3-9350KF @ 4.00GHz	10562	363	58.96	$179.14
Intel Core i3-10110U @ 2.10GHz	5511	887	NA	NA
Intel Core i3-21050 @ 3.10GHz	3862	1205	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1748	21.97	$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1632	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3520	1293	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3676	1254	NA	NA
Intel Core i5-430M @ 2.27GHz	2092	1786	14.95	$139.95*
Intel Core i5-430UM @ 1.20GHz	1372	2145	NA	NA
Intel Core i5-450M @ 2.40GHz	2134	1769	66.80	$31.95*
Intel Core i5-460M @ 2.53GHz	2319	1686	30.94	$74.95
Intel Core i5-470UM @ 1.33GHz	1054	2327	NA	NA
Intel Core i5-480M @ 2.67GHz	2400	1662	29.78	$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1725	NA	NA
Intel Core i5-520M @ 2.40GHz	2367	1673	39.46	$59.99*
Intel Core i5-520UM @ 1.07GHz	1342	2161	NA	NA
Intel Core i5-540M @ 2.53GHz	2455	1639	36.12	$68.00*
Intel Core i5-540UM @ 1.20GHz	1375	2143	NA	NA
Intel Core i5-560M @ 2.67GHz	2576	1594	50.72	$50.81
Intel Core i5-560UM @ 1.33GHz	1669	2001	NA	NA
Intel Core i5-580M @ 2.67GHz	2592	1587	23.57	$109.95
Intel Core i5-650 @ 3.20GHz	3091	1421	22.24	$139.00*
Intel Core i5-655K @ 3.20GHz	3353	1336	55.90	$59.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-660 @ 3.33GHz	3243	1367	91.37	$35.50*
Intel Core i5-661 @ 3.33GHz	3194	1384	13.89	$229.99*
Intel Core i5-670 @ 3.47GHz	3310	1350	11.87	$279.00*
Intel Core i5-680 @ 3.60GHz	3497	1300	38.87	$89.99*
Intel Core i5-750 @ 2.67GHz	3718	1246	83.70	$44.43*
Intel Core i5-760 @ 2.80GHz	3930	1193	25.52	$154.03*
Intel Core i5-1035G1 @ 1.00GHz	8624	551	29.04	$297.00*
Intel Core i5-1035G4 @ 1.10GHz	9032	507	29.23	$309.00*
Intel Core i5-1035G7 @ 1.20GHz	9807	427	30.65	$320.00*
Intel Core i5-2300 @ 2.80GHz	5376	909	67.21	$79.99*
Intel Core i5-2310 @ 2.90GHz	5539	880	39.21	$141.29*
Intel Core i5-2320 @ 3.00GHz	5781	845	62.17	$93.00
Intel Core i5-2380P @ 3.10GHz	5738	854	13.33	$430.59*
Intel Core i5-2390T @ 2.70GHz	4213	1136	42.17	$99.90*
Intel Core i5-2400 @ 3.10GHz	5978	822	108.73	$54.98
Intel Core i5-2400S @ 2.50GHz	4994	977	27.44	$182.00*
Intel Core i5-2405S @ 2.50GHz	5082	955	24.44	$208.00*
Intel Core i5-2410M @ 2.30GHz	3175	1389	40.67	$78.07*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2415M @ 2.30GHz	3297	1353	NA	NA
Intel Core i5-2430M @ 2.40GHz	3285	1355	36.91	$89.02*
Intel Core i5-2435M @ 2.40GHz	3208	1377	NA	NA
Intel Core i5-2450M @ 2.50GHz	3403	1321	40.51	$84.02
Intel Core i5-2450P @ 3.20GHz	6149	803	68.34	$89.99*
Intel Core i5-2467M @ 1.60GHz	2319	1685	NA	NA
Intel Core i5-2500 @ 3.30GHz	6358	784	115.62	$55.00
Intel Core i5-2500K @ 3.30GHz	6493	771	14.95	$434.26*
Intel Core i5-2500S @ 2.70GHz	5400	904	82.79	$65.24*
Intel Core i5-2500T @ 2.30GHz	4647	1041	51.64	$89.99*
Intel Core i5-2510E @ 2.50GHz	3483	1303	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1348	NA	NA
Intel Core i5-2520M @ 2.50GHz	3596	1272	69.03	$52.10
Intel Core i5-2537M @ 1.40GHz	2079	1793	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2540M @ 2.60GHz	3784	1224	66.38	$57.02*
Intel Core i5-2550K @ 3.40GHz	6680	754	35.16	$190.00*
Intel Core i5-2557M @ 1.70GHz	2699	1556	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1235	NA	NA
Intel Core i5-3210M @ 2.50GHz	3831	1212	51.74	$74.04*
Intel Core i5-3230M @ 2.60GHz	3946	1189	18.15	$217.42*
Intel Core i5-3317U @ 1.70GHz	3089	1423	13.73	$225.00*
Intel Core i5-3320M @ 2.60GHz	4135	1152	59.23	$69.81*
Intel Core i5-3330 @ 3.00GHz	5953	825	29.78	$199.88*
Intel Core i5-3330S @ 2.70GHz	5684	858	56.85	$100.00*
Intel Core i5-3335S @ 2.70GHz	5795	843	NA	NA
Intel Core i5-3337U @ 1.80GHz	3228	1374	14.35	$225.00*
Intel Core i5-3339Y @ 1.50GHz	2225	1736	NA	NA
Intel Core i5-3340 @ 3.10GHz	6111	806	20.86	$293.01*
Intel Core i5-3340M @ 2.70GHz	4247	1129	53.13	$79.95*
Intel Core i5-3340S @ 2.80GHz	5875	835	39.17	$149.99*
Intel Core i5-3350P @ 3.10GHz	6156	802	41.04	$149.99*
Intel Core i5-3360M @ 2.80GHz	4440	1089	47.85	$92.81*
Intel Core i5-3380M @ 2.90GHz	4446	1088	NA	NA
Intel Core i5-3427U @ 1.80GHz	3557	1280	8.47	$420.05*
Intel Core i5-3437U @ 1.90GHz	3633	1263	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1477	NA	NA
Intel Core i5-3450 @ 3.10GHz	6539	767	30.23	$216.34*
Intel Core i5-3450S @ 2.80GHz	6239	793	42.16	$147.99*
Intel Core i5-3470 @ 3.20GHz	6737	746	100.62	$66.96
Intel Core i5-3470S @ 2.90GHz	6407	780	27.86	$230.00
Intel Core i5-3470T @ 2.90GHz	4500	1077	14.57	$308.95*
Intel Core i5-3475S @ 2.90GHz	6609	760	46.06	$143.50*
Intel Core i5-3550 @ 3.30GHz	6974	720	22.50	$309.99*
Intel Core i5-3550S @ 3.00GHz	6925	727	22.90	$302.45*
Intel Core i5-3570 @ 3.40GHz	7146	705	97.91	$72.99
Intel Core i5-3570K @ 3.40GHz	7191	702	22.14	$324.87
Intel Core i5-3570S @ 3.10GHz	6747	745	110.62	$60.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3570T @ 2.30GHz	5944	827	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3884	1199	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4200H @ 2.80GHz	4465	1084	NA	NA
Intel Core i5-4200M @ 2.50GHz	4038	1167	45.40	$88.95
Intel Core i5-4200U @ 1.60GHz	3282	1356	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2399	1663	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2256	1719	NA	NA
Intel Core i5-4210H @ 2.90GHz	4534	1069	NA	NA
Intel Core i5-4210M @ 2.60GHz	4217	1135	13.61	$309.95*
Intel Core i5-4210U @ 1.70GHz	3403	1320	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2372	1672	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1693	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1491	NA	NA
Intel Core i5-4250U @ 1.30GHz	3370	1333	9.39	$359.00*
Intel Core i5-4258U @ 2.40GHz	4090	1160	NA	NA
Intel Core i5-4260U @ 1.40GHz	3584	1277	NA	NA
Intel Core i5-4278U @ 2.60GHz	4371	1102	NA	NA
Intel Core i5-4288U @ 2.60GHz	4290	1121	NA	NA
Intel Core i5-4300M @ 2.60GHz	4448	1086	NA	NA
Intel Core i5-4300U @ 1.90GHz	3736	1240	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2503	1626	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1461	NA	NA
Intel Core i5-4308U @ 2.80GHz	4194	1140	NA	NA
Intel Core i5-4310M @ 2.70GHz	4666	1037	NA	NA
Intel Core i5-4310U @ 2.00GHz	3798	1221	NA	NA
Intel Core i5-4330M @ 2.80GHz	4539	1067	16.51	$274.99*
Intel Core i5-4340M @ 2.90GHz	4882	1000	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1267	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	1066	17.10	$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1187	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1518	10.55	$266.00*
Intel Core i5-4430 @ 3.00GHz	6350	786	39.69	$159.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4430S @ 2.70GHz	5984	821	37.41	$159.99*
Intel Core i5-4440 @ 3.10GHz	6520	768	13.12	$497.00*
Intel Core i5-4440S @ 2.80GHz	6275	789	13.56	$462.97*
Intel Core i5-4460 @ 3.20GHz	6731	748	74.80	$89.99
Intel Core i5-4460S @ 2.90GHz	6440	775	9.76	$659.99*
Intel Core i5-4460T @ 1.90GHz	4986	980	NA	NA
Intel Core i5-4570 @ 3.20GHz	7161	704	80.48	$88.99
Intel Core i5-4570R @ 2.70GHz	6784	738	NA	NA
Intel Core i5-4570S @ 2.90GHz	6852	732	38.92	$176.06
Intel Core i5-4570T @ 2.90GHz	4827	1010	23.00	$209.95
Intel Core i5-4570TE @ 2.70GHz	3827	1214	19.14	$199.99*
Intel Core i5-4590 @ 3.30GHz	7359	687	64.56	$114.00
Intel Core i5-4590S @ 3.00GHz	7105	708	48.72	$145.83
Intel Core i5-4590T @ 2.00GHz	5635	862	26.84	$209.95*
Intel Core i5-4670 @ 3.40GHz	7483	670	68.66	$109.00
Intel Core i5-4670K @ 3.40GHz	7636	658	23.14	$329.95
Intel Core i5-4670K CPT @ 3.40GHz	7411	679	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	676	26.88	$276.00*
Intel Core i5-4670S @ 3.10GHz	7406	682	34.77	$213.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4670T @ 2.30GHz	6175	800	23.84	$259.02*
Intel Core i5-4690 @ 3.50GHz	7699	651	44.72	$172.18
Intel Core i5-4690K @ 3.50GHz	7798	636	49.05	$159.00
Intel Core i5-4690S @ 3.20GHz	7470	671	20.80	$359.21*
Intel Core i5-4690T @ 2.50GHz	6547	765	NA	NA
Intel Core i5-5200U @ 2.20GHz	3498	1299	12.45	$281.00*
Intel Core i5-5250U @ 1.60GHz	3600	1271	8.15	$441.89*
Intel Core i5-5257U @ 2.70GHz	4392	1099	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	1035	NA	NA
Intel Core i5-5300U @ 2.30GHz	3858	1206	7.10	$543.39*
Intel Core i5-5350U @ 1.80GHz	3542	1283	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	669	NA	NA
Intel Core i5-5675C @ 3.10GHz	8128	598	26.22	$309.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-5675R @ 3.10GHz	7991	616	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4154	1150	NA	NA
Intel Core i5-6200U @ 2.30GHz	4011	1172	NA	NA
Intel Core i5-6260U @ 1.80GHz	4367	1103	13.28	$329.00
Intel Core i5-6267U @ 2.90GHz	4884	999	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	1026	15.63	$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6095	813	NA	NA
Intel Core i5-6300U @ 2.40GHz	4365	1104	NA	NA
Intel Core i5-6360U @ 2.00GHz	4612	1050	NA	NA
Intel Core i5-6400 @ 2.70GHz	6756	742	29.53	$228.83*
Intel Core i5-6400T @ 2.20GHz	5630	863	21.66	$259.95*
Intel Core i5-6402P @ 2.80GHz	7097	709	37.36	$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6424	777	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6806	735	NA	NA
Intel Core i5-6442EQ @ 1.90GHz	5953	824	23.81	$250.00*
Intel Core i5-6500 @ 3.20GHz	7249	695	41.91	$172.99
Intel Core i5-6500T @ 2.50GHz	6330	787	23.45	$269.95*
Intel Core i5-6500TE @ 2.30GHz	6606	761	31.46	$209.99
Intel Core i5-6600 @ 3.30GHz	7777	640	29.67	$262.13*
Intel Core i5-6600K @ 3.50GHz	8052	605	36.61	$219.99
Intel Core i5-6600T @ 2.70GHz	7309	689	24.37	$299.95*
Intel Core i5-7200U @ 2.50GHz	4560	1060	9.94	$459.00
Intel Core i5-7260U @ 2.20GHz	5643	861	10.11	$558.00
Intel Core i5-7267U @ 3.10GHz	5051	964	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	859	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6715	749	NA	NA
Intel Core i5-7300U @ 2.60GHz	5138	946	10.29	$499.19
Intel Core i5-7360U @ 2.30GHz	5863	836	NA	NA
Intel Core i5-7400 @ 3.00GHz	7241	696	35.14	$206.09
Intel Core i5-7400T @ 2.40GHz	6352	785	12.10	$525.00
Intel Core i5-7440HQ @ 2.80GHz	7625	660	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	5901	831	23.60	$250.00*
Intel Core i5-7500 @ 3.40GHz	7939	624	39.90	$199.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7500T @ 2.70GHz	6957	722	30.25	$230.00
Intel Core i5-7600 @ 3.50GHz	8620	553	22.93	$375.89*
Intel Core i5-7600K @ 3.80GHz	9047	503	28.93	$312.75
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7600T @ 2.80GHz	7952	623	28.35	$280.55*
Intel Core i5-7640X @ 4.00GHz	9440	463	33.71	$280.00
Intel Core i5-8200Y @ 1.30GHz	4309	1119	14.81	$291.00*
Intel Core i5-8210Y @ 1.60GHz	4227	1134	NA	NA
Intel Core i5-8250U @ 1.60GHz	7635	659	NA	NA
Intel Core i5-8257U @ 1.40GHz	10767	351	33.65	$320.00*
Intel Core i5-8259U @ 2.30GHz	10976	339	15.82	$693.96
Intel Core i5-8265U @ 1.60GHz	7979	619	26.87	$297.00*
Intel Core i5-8265UC @ 1.60GHz	7783	638	NA	NA
Intel Core i5-8279U @ 2.40GHz	10599	361	33.12	$320.00*
Intel Core i5-8300H @ 2.30GHz	9471	457	37.88	$250.00*
Intel Core i5-8305G @ 2.80GHz	9000	509	NA	NA
Intel Core i5-8350U @ 1.70GHz	8121	601	27.34	$297.00*
Intel Core i5-8365U @ 1.60GHz	8327	582	28.04	$297.00*
Intel Core i5-8365UE @ 1.60GHz	8010	611	26.97	$297.00*
Intel Core i5-8400 @ 2.80GHz	11557	318	57.79	$199.99
Intel Core i5-8400H @ 2.50GHz	10379	376	41.52	$250.00*
Intel Core i5-8400T @ 1.70GHz	9420	466	49.84	$189.00*
Intel Core i5-8500 @ 3.00GHz	11834	309	37.77	$313.29
Intel Core i5-8500B @ 3.00GHz	12756	278	66.44	$192.00*
Intel Core i5-8500T @ 2.10GHz	9976	410	42.57	$234.36*
Intel Core i5-8600 @ 3.10GHz	12483	288	18.09	$690.12*
Intel Core i5-8600K @ 3.60GHz	12681	283	47.14	$269.00
Intel Core i5-8600T @ 2.30GHz	11135	330	30.34	$366.99*
Intel Core i5-9300H @ 2.40GHz	9843	424	39.37	$250.00*
Intel Core i5-9400 @ 2.90GHz	11818	310	54.97	$215.00
Intel Core i5-9400F @ 2.90GHz	12030	303	80.21	$149.99
Intel Core i5-9400H @ 2.50GHz	11191	327	44.77	$250.00*
Intel Core i5-9400T @ 1.80GHz	9646	444	53.00	$182.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-9500 @ 3.00GHz	11853	308	37.63	$315.00
Intel Core i5-9500F @ 3.00GHz	13104	267	64.87	$202.00*
Intel Core i5-9500T @ 2.20GHz	10556	364	54.98	$192.00*
Intel Core i5-9600 @ 3.10GHz	13432	255	59.96	$224.00*
Intel Core i5-9600K @ 3.70GHz	13533	251	55.24	$244.99
Intel Core i5-9600KF @ 3.70GHz	13419	256	63.91	$209.99
Intel Core i5-9600T @ 2.30GHz	11706	314	54.96	$213.00*
Intel Core i5-10210U @ 1.60GHz	8568	556	28.85	$297.00*
Intel Core i5-10210Y @ 1.00GHz	7124	707	NA	NA
Intel Core i5-24050S @ 2.50GHz	4928	990	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3739	1239	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1845	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1609	NA	NA
Intel Core i7-620LM @ 2.00GHz	1963	1848	NA	NA
Intel Core i7-620M @ 2.67GHz	2715	1553	24.68	$110.01*
Intel Core i7-620UM @ 1.07GHz	1338	2163	NA	NA
Intel Core i7-640LM @ 2.13GHz	2247	1722	NA	NA
Intel Core i7-640M @ 2.80GHz	2828	1511	14.15	$199.95*
Intel Core i7-640UM @ 1.20GHz	1631	2028	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1956	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-680UM @ 1.47GHz	1745	1957	NA	NA
Intel Core i7-720QM @ 1.60GHz	3009	1445	8.22	$365.95*
Intel Core i7-740QM @ 1.73GHz	3187	1386	19.93	$159.95*
Intel Core i7-820QM @ 1.73GHz	3215	1376	13.40	$239.95*
Intel Core i7-840QM @ 1.87GHz	3412	1319	11.77	$289.97*
Intel Core i7-860 @ 2.80GHz	5016	973	17.30	$289.95
Intel Core i7-860S @ 2.53GHz	4919	993	24.60	$199.99*
Intel Core i7-870 @ 2.93GHz	5333	915	59.93	$89.00
Intel Core i7-870S @ 2.67GHz	4849	1007	NA	NA
Intel Core i7-875K @ 2.93GHz	5419	899	15.05	$359.99*
Intel Core i7-880 @ 3.07GHz	5511	888	9.45	$583.00*
Intel Core i7-920 @ 2.67GHz	4909	997	119.73	$41.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-920XM @ 2.00GHz	3718	1245	10.45	$355.99
Intel Core i7-930 @ 2.80GHz	5125	948	46.60	$109.99*
Intel Core i7-940 @ 2.93GHz	5320	919	51.16	$103.99*
Intel Core i7-940XM @ 2.13GHz	3920	1196	NA	NA
Intel Core i7-950 @ 3.07GHz	5531	883	93.75	$59.00
Intel Core i7-960 @ 3.20GHz	5791	844	20.68	$280.00*
Intel Core i7-965 @ 3.20GHz	5850	838	41.79	$139.99*
Intel Core i7-970 @ 3.20GHz	8347	580	16.70	$499.95*
Intel Core i7-975 @ 3.33GHz	6096	812	12.19	$499.99*
Intel Core i7-980 @ 3.33GHz	8513	558	42.57	$199.98*
Intel Core i7-980X @ 3.33GHz	8740	539	7.87	$1,109.95
Intel Core i7-985 @ 3.47GHz	6641	757	NA	NA
Intel Core i7-990X @ 3.47GHz	9038	505	25.82	$349.99*
Intel Core i7-995X @ 3.60GHz	9791	430	NA	NA
Intel Core i7-1065G7 @ 1.30GHz	10468	374	NA	NA
Intel Core i7-2600 @ 3.40GHz	8179	593	71.75	$113.99
Intel Core i7-2600K @ 3.40GHz	8425	568	57.40	$146.78
Intel Core i7-2600S @ 2.80GHz	7087	710	67.42	$105.12
Intel Core i7-2610UE @ 1.50GHz	2481	1634	NA	NA
Intel Core i7-2617M @ 1.50GHz	2782	1527	NA	NA
Intel Core i7-2620M @ 2.70GHz	3840	1210	22.62	$169.81*
Intel Core i7-2630QM @ 2.00GHz	5520	885	53.69	$102.81*
Intel Core i7-2630UM @ 1.60GHz	2584	1591	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5426	898	NA	NA
Intel Core i7-2637M @ 1.70GHz	2904	1487	NA	NA
Intel Core i7-2640M @ 2.80GHz	3930	1194	32.76	$119.95
Intel Core i7-2655LE @ 2.20GHz	3229	1371	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5879	834	42.48	$138.40*
Intel Core i7-2675QM @ 2.20GHz	5536	881	NA	NA
Intel Core i7-2677M @ 1.80GHz	2833	1509	NA	NA
Intel Core i7-2700K @ 3.50GHz	8676	545	28.92	$300.00*
Intel Core i7-2710QE @ 2.10GHz	5933	829	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	911	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2720QM @ 2.20GHz	6108	808	32.16	$189.95*
Intel Core i7-2760QM @ 2.40GHz	6553	764	31.21	$209.95
Intel Core i7-2820QM @ 2.30GHz	6637	758	36.67	$181.02*
Intel Core i7-2840QM @ 2.40GHz	6766	739	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i7-2860QM @ 2.50GHz	6935	725	12.82	$541.00*
Intel Core i7-2920XM @ 2.50GHz	6998	716	15.89	$440.44*
Intel Core i7-2960XM @ 2.70GHz	7224	699	17.62	$409.95*
Intel Core i7-3517U @ 1.90GHz	3542	1284	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3114	1414	NA	NA
Intel Core i7-3520M @ 2.90GHz	4552	1063	34.48	$132.02*
Intel Core i7-3537U @ 2.00GHz	3811	1220	NA	NA
Intel Core i7-3540M @ 3.00GHz	4663	1039	10.85	$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1180	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	766	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7454	673	18.64	$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	750	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6826	734	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7388	684	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7409	680	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7584	662	31.73	$239.00*
Intel Core i7-3632QM @ 2.20GHz	6926	726	31.49	$219.95
Intel Core i7-3635QM @ 2.40GHz	6680	753	NA	NA
Intel Core i7-3667U @ 2.00GHz	3986	1175	NA	NA
Intel Core i7-3687U @ 2.10GHz	4132	1153	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1375	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8126	599	22.39	$363.00*
Intel Core i7-3740QM @ 2.70GHz	8283	583	34.52	$239.95*
Intel Core i7-3770 @ 3.40GHz	9276	480	84.33	$110.00
Intel Core i7-3770K @ 3.50GHz	9514	453	45.31	$209.99
Intel Core i7-3770S @ 3.10GHz	8898	522	65.85	$135.13
Intel Core i7-3770T @ 2.50GHz	8207	592	24.87	$329.99*
Intel Core i7-3820 @ 3.60GHz	8984	511	119.81	$74.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3820QM @ 2.70GHz	8397	572	29.47	$285.00*
Intel Core i7-3840QM @ 2.80GHz	8759	535	26.15	$335.00*
Intel Core i7-3920XM @ 2.90GHz	8983	512	8.20	$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11972	307	63.02	$189.99*
Intel Core i7-3940XM @ 3.00GHz	9133	492	14.97	$609.95*
Intel Core i7-3960X @ 3.30GHz	12567	287	15.52	$809.99*
Intel Core i7-3970X @ 3.50GHz	12692	281	31.73	$399.99*
Intel Core i7-4500U @ 1.80GHz	3786	1223	NA	NA
Intel Core i7-4510U @ 2.00GHz	3918	1197	NA	NA
Intel Core i7-4550U @ 1.50GHz	3676	1255	NA	NA
Intel Core i7-4558U @ 2.80GHz	4403	1096	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	1112	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	1020	NA	NA
Intel Core i7-4600M @ 2.90GHz	4917	994	NA	NA
Intel Core i7-4600U @ 2.10GHz	4106	1157	NA	NA
Intel Core i7-4610M @ 3.00GHz	4928	991	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1237	NA	NA
Intel Core i7-4650U @ 1.70GHz	3947	1188	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7203	700	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7737	647	20.20	$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7683	653	40.65	$189.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4702HQ @ 2.20GHz	7423	675	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7128	706	32.63	$218.45*
Intel Core i7-4710HQ @ 2.50GHz	7722	650	20.43	$378.00*
Intel Core i7-4710MQ @ 2.50GHz	7984	617	29.40	$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7527	666	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7193	701	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7991	615	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8093	604	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8171	594	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8793	530	NA	NA
Intel Core i7-4765T @ 2.00GHz	7289	690	18.22	$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	9780	434	53.16	$183.99
Intel Core i7-4770HQ @ 2.20GHz	8945	519	NA	NA
Intel Core i7-4770K @ 3.50GHz	10072	399	31.39	$320.90
Intel Core i7-4770R @ 3.20GHz	9807	428	NA	NA
Intel Core i7-4770S @ 3.10GHz	9360	471	52.59	$177.99*
Intel Core i7-4770T @ 2.50GHz	8592	554	21.48	$399.99*
Intel Core i7-4770TE @ 2.30GHz	6732	747	NA	NA
Intel Core i7-4771 @ 3.50GHz	9841	425	56.24	$175.00
Intel Core i7-4785T @ 2.20GHz	7640	657	NA	NA
Intel Core i7-4790 @ 3.60GHz	9992	408	58.79	$169.99
Intel Core i7-4790K @ 4.00GHz	11164	329	38.50	$290.00
Intel Core i7-4790S @ 3.20GHz	9562	450	17.36	$551.00
Intel Core i7-4790T @ 2.70GHz	9075	498	25.21	$359.99*
Intel Core i7-4800MQ @ 2.70GHz	8432	567	41.34	$204.00*
Intel Core i7-4810MQ @ 2.80GHz	8666	549	45.63	$189.95*
Intel Core i7-4820K @ 3.70GHz	9720	437	44.18	$219.99*
Intel Core i7-4850HQ @ 2.30GHz	9050	502	20.85	$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7900	627	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9266	482	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9348	472	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8964	515	15.28	$586.67*
Intel Core i7-4910MQ @ 2.90GHz	9339	473	20.31	$459.95*
Intel Core i7-4930K @ 3.40GHz	13026	269	16.28	$799.97*
Intel Core i7-4930MX @ 3.00GHz	9429	464	8.60	$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9732	436	13.71	$709.95*
Intel Core i7-4960HQ @ 2.60GHz	9902	416	15.89	$623.00*
Intel Core i7-4960X @ 3.60GHz	13798	240	17.92	$769.99*
Intel Core i7-4980HQ @ 2.80GHz	10312	379	NA	NA
Intel Core i7-5500U @ 2.40GHz	3982	1176	NA	NA
Intel Core i7-5550U @ 2.00GHz	3851	1209	NA	NA
Intel Core i7-5557U @ 3.10GHz	4952	986	7.03	$705.00*
Intel Core i7-5600U @ 2.60GHz	4331	1111	NA	NA
Intel Core i7-5650U @ 2.20GHz	4242	1131	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5675C @ 3.10GHz	8330	581	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	588	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8353	577	NA	NA
Intel Core i7-5775C @ 3.30GHz	10842	347	15.80	$686.32*
Intel Core i7-5775R @ 3.30GHz	10879	345	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5820K @ 3.30GHz	13003	270	55.34	$235.00*
Intel Core i7-5850EQ @ 2.70GHz	9817	426	22.57	$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	459	21.80	$434.00*
Intel Core i7-5930K @ 3.50GHz	13655	243	44.19	$309.00*
Intel Core i7-5950HQ @ 2.90GHz	10856	346	NA	NA
Intel Core i7-5960X @ 3.00GHz	15981	172	18.77	$851.31*
Intel Core i7-6498DU @ 2.50GHz	4471	1083	NA	NA
Intel Core i7-6500U @ 2.50GHz	4419	1093	11.25	$393.00*
Intel Core i7-6560U @ 2.20GHz	4813	1013	NA	NA
Intel Core i7-6567U @ 3.30GHz	5586	871	NA	NA
Intel Core i7-6600U @ 2.60GHz	4801	1017	NA	NA
Intel Core i7-6650U @ 2.20GHz	4979	981	NA	NA
Intel Core i7-6700 @ 3.40GHz	10000	407	35.72	$279.99
Intel Core i7-6700HQ @ 2.60GHz	8122	600	21.49	$378.00*
Intel Core i7-6700K @ 4.00GHz	11103	331	35.55	$312.39*
Intel Core i7-6700T @ 2.80GHz	8996	510	23.93	$375.99
Intel Core i7-6700TE @ 2.40GHz	8674	546	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9712	438	9.69	$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13548	250	43.85	$309.00
Intel Core i7-6820EQ @ 2.80GHz	8683	543	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9103	495	24.08	$378.00*
Intel Core i7-6820HQ @ 2.70GHz	8750	537	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6501	769	NA	NA
Intel Core i7-6850K @ 3.60GHz	14355	223	36.90	$389.00
Intel Core i7-6900K @ 3.20GHz	17577	135	24.58	$715.00
Intel Core i7-6920HQ @ 2.90GHz	9542	452	16.80	$568.00*
Intel Core i7-6950X @ 3.00GHz	19914	100	11.87	$1,678.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7500U @ 2.70GHz	5116	950	NA	NA
Intel Core i7-7560U @ 2.40GHz	5769	848	NA	NA
Intel Core i7-7567U @ 3.50GHz	6461	773	9.44	$684.68
Intel Core i7-7600U @ 2.80GHz	5114	951	NA	NA
Intel Core i7-7660U @ 2.50GHz	5992	820	NA	NA
Intel Core i7-7700 @ 3.60GHz	10687	355	33.40	$319.99
Intel Core i7-7700HQ @ 2.80GHz	8758	536	23.17	$378.00*
Intel Core i7-7700K @ 4.20GHz	11986	305	19.98	$599.95
Intel Core i7-7700T @ 2.90GHz	9333	474	24.24	$385.00*
Intel Core i7-7740X @ 4.30GHz	12193	299	23.96	$509.00
Intel Core i7-7800X @ 3.50GHz	14644	214	28.71	$509.99*
Intel Core i7-7820EQ @ 3.00GHz	9144	491	24.19	$378.00*
Intel Core i7-7820HK @ 2.90GHz	9947	412	26.32	$378.00*
Intel Core i7-7820HQ @ 2.90GHz	9265	483	24.51	$378.00*
Intel Core i7-7820X @ 3.60GHz	18507	122	15.69	$1,179.95*
Intel Core i7-7900X @ 3.30GHz	20474	91	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	10005	406	17.61	$568.00*
Intel Core i7-8086K @ 4.00GHz	16682	151	30.17	$552.96*
Intel Core i7-8500Y @ 1.50GHz	3971	1178	10.11	$393.00*
Intel Core i7-8550U @ 1.80GHz	8226	589	NA	NA
Intel Core i7-8557U @ 1.70GHz	10470	373	24.29	$431.00*
Intel Core i7-8559U @ 2.70GHz	12216	296	17.33	$705.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8565U @ 1.80GHz	8746	538	NA	NA
Intel Core i7-8650U @ 1.90GHz	8673	547	21.15	$409.99*
Intel Core i7-8665U @ 1.90GHz	8582	555	20.99	$409.00*
Intel Core i7-8665UE @ 1.70GHz	8731	540	21.35	$409.00*
Intel Core i7-8700 @ 3.20GHz	15137	199	38.03	$398.00
Intel Core i7-8700B @ 3.20GHz	14963	205	49.39	$303.00*
Intel Core i7-8700K @ 3.70GHz	15936	175	36.87	$432.20
Intel Core i7-8700T @ 2.40GHz	12647	284	33.54	$377.10*
Intel Core i7-8705G @ 3.10GHz	9847	422	6.99	$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10539	366	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8709G @ 3.10GHz	9780	433	NA	NA
Intel Core i7-8750H @ 2.20GHz	12388	289	31.36	$395.00*
Intel Core i7-8809G @ 3.10GHz	10988	337	NA	NA
Intel Core i7-8850H @ 2.60GHz	12926	271	32.73	$395.00*
Intel Core i7-9700 @ 3.00GHz	15937	174	36.98	$430.95
Intel Core i7-9700F @ 3.00GHz	16415	155	49.75	$329.99
Intel Core i7-9700K @ 3.60GHz	17214	140	43.04	$399.99
Intel Core i7-9700KF @ 3.60GHz	16949	145	47.08	$359.99*
Intel Core i7-9700T @ 2.00GHz	13434	254	41.59	$323.00*
Intel Core i7-9700TE @ 1.80GHz	12688	282	39.28	$323.00*
Intel Core i7-9750H @ 2.60GHz	13551	248	34.31	$395.00*
Intel Core i7-9750HF @ 2.60GHz	14598	216	36.96	$395.00*
Intel Core i7-9800X @ 3.80GHz	19777	103	24.42	$809.95*
Intel Core i7-9850H @ 2.60GHz	13412	257	33.96	$395.00*
Intel Core i7-9850HL @ 1.90GHz	11340	322	28.71	$395.00*
Intel Core i7-10510U @ 1.80GHz	9454	462	23.12	$409.00*
Intel Core i7-10710U @ 1.10GHz	12783	276	18.29	$699.00
Intel Core i9-7900X @ 3.30GHz	21869	70	19.50	$1,121.25*
Intel Core i9-7920X @ 2.90GHz	23340	61	25.02	$932.79*
Intel Core i9-7940X @ 3.10GHz	25391	42	27.90	$909.99*
Intel Core i9-7960X @ 2.80GHz	26034	36	19.29	$1,349.99*
Intel Core i9-7980XE @ 2.60GHz	27669	29	17.64	$1,569.00
Intel Core i9-8950HK @ 2.90GHz	14138	227	24.25	$583.00*
Intel Core i9-9820X @ 3.30GHz	21091	83	32.60	$646.99
Intel Core i9-9880H @ 2.30GHz	16263	162	29.25	$556.00*
Intel Core i9-9900 @ 3.10GHz	18549	121	34.10	$544.04
Intel Core i9-9900K @ 3.60GHz	20205	96	36.74	$549.99
Intel Core i9-9900KF @ 3.60GHz	20196	97	37.56	$537.79
Intel Core i9-9900KS @ 4.00GHz	21470	76	33.03	$649.99*
Intel Core i9-9900T @ 2.10GHz	15316	195	34.89	$439.00*
Intel Core i9-9900X @ 3.50GHz	22778	64	20.64	$1,103.77
Intel Core i9-9920X @ 3.50GHz	25231	45	21.57	$1,169.66
Intel Core i9-9940X @ 3.30GHz	26768	34	25.11	$1,065.88

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-9960X @ 3.10GHz	28336	24	17.60	$1,609.83
Intel Core i9-9980HK @ 2.40GHz	17438	137	29.91	$583.00*
Intel Core i9-9980XE @ 3.00GHz	29641	18	9.88	$2,999.00
Intel Core i9-10900X @ 3.70GHz	23678	58	34.40	$688.29
Intel Core i9-10920X @ 3.50GHz	26793	33	27.91	$959.99
Intel Core i9-10940X @ 3.30GHz	29150	19	27.50	$1,059.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-10980XE @ 3.00GHz	30908	16	31.57	$979.00*
Intel Core m3-6Y30 @ 0.90GHz	3025	1441	10.77	$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3512	1295	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3391	1325	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3759	1231	13.38	$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3349	1337	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3228	1372	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3465	1309	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2653	1568	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1667	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2824	1513	10.05	$281.00*
Intel Core M-5Y31 @ 0.90GHz	2782	1528	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2454	1641	NA	NA
Intel Core M-5Y70 @ 1.10GHz	2909	1482	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2987	1454	10.63	$281.00*
Intel Core Solo T1300 @ 1.66GHz	393	2748	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2741	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2660	NA	NA
Intel Core Solo U1300 @ 1.06GHz	270	2905	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2896	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2818	NA	NA
Intel E3000 @ 3.40GHz	2767	1532	NA	NA
Intel Pentium 4 1.40GHz	164	3004	NA	NA
Intel Pentium 4 1.50GHz	131	3021	NA	NA
Intel Pentium 4 1.60GHz	129	3022	NA	NA
Intel Pentium 4 1.70GHz	132	3020	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 1.80GHz	161	3007	NA	NA
Intel Pentium 4 1.90GHz	159	3008	NA	NA
Intel Pentium 4 2.00GHz	189	2985	NA	NA
Intel Pentium 4 2.20GHz	209	2967	NA	NA
Intel Pentium 4 2.26GHz	221	2955	NA	NA
Intel Pentium 4 2.40GHz	227	2949	NA	NA
Intel Pentium 4 2.50GHz	245	2933	NA	NA
Intel Pentium 4 2.53GHz	247	2929	NA	NA
Intel Pentium 4 2.60GHz	288	2875	NA	NA
Intel Pentium 4 2.66GHz	254	2921	NA	NA
Intel Pentium 4 2.80GHz	322	2824	NA	NA
Intel Pentium 4 2.93GHz	293	2866	NA	NA
Intel Pentium 4 3.00GHz	353	2794	NA	NA
Intel Pentium 4 3.06GHz	346	2798	NA	NA
Intel Pentium 4 3.20GHz	373	2769	NA	NA
Intel Pentium 4 3.40GHz	395	2743	NA	NA
Intel Pentium 4 3.46GHz	454	2677	NA	NA
Intel Pentium 4 3.60GHz	485	2644	NA	NA
Intel Pentium 4 3.73GHz	486	2641	NA	NA
Intel Pentium 4 3.80GHz	485	2643	NA	NA
Intel Pentium 4 3.83GHz	195	2979	NA	NA
Intel Pentium 4 4.00GHz	184	2990	NA	NA
Intel Pentium 4 1300MHz	119	3027	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 1400MHz	127	3024	NA	NA
Intel Pentium 4 1500MHz	125	3025	NA	NA
Intel Pentium 4 1600MHz	193	2984	0.30	$647.45*
Intel Pentium 4 1700MHz	154	3011	NA	NA
Intel Pentium 4 1800MHz	162	3006	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	3014	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2978	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2996	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2968	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 Mobile 1.80GHz	175	3000	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2966	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2974	NA	NA
Intel Pentium 5 2.66GHz	705	2517	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2303	8.18	$134.00*
Intel Pentium 967 @ 1.30GHz	1140	2282	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2276	NA	NA
Intel Pentium 987 @ 1.50GHz	1223	2232	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	2131	NA	NA
Intel Pentium 1403 @ 2.60GHz	2742	1543	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1442	NA	NA
Intel Pentium 2020M @ 2.40GHz	2273	1713	16.96	$134.00*
Intel Pentium 2030M @ 2.50GHz	2418	1655	18.05	$134.00*
Intel Pentium 2117U @ 1.80GHz	1655	2015	12.36	$134.00*
Intel Pentium 2127U @ 1.90GHz	1816	1923	13.55	$134.00*
Intel Pentium 2129Y @ 1.10GHz	1062	2323	7.93	$134.00*
Intel Pentium 3550M @ 2.30GHz	2266	1716	NA	NA
Intel Pentium 3556U @ 1.70GHz	1663	2009	NA	NA
Intel Pentium 3558U @ 1.70GHz	1665	2006	NA	NA
Intel Pentium 3560M @ 2.40GHz	2269	1715	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2210	NA	NA
Intel Pentium 3805U @ 1.90GHz	1963	1847	NA	NA
Intel Pentium 3825U @ 1.90GHz	2509	1622	NA	NA
Intel Pentium 4405U @ 2.10GHz	2930	1475	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1806	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2050	1808	12.73	$161.00*
Intel Pentium 4415U @ 2.30GHz	3155	1399	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2218	1738	13.78	$161.00*
Intel Pentium 4417U @ 2.30GHz	3201	1381	19.89	$161.00*
Intel Pentium 5405U @ 2.30GHz	3150	1403	19.57	$161.00*
Intel Pentium A1018 @ 2.10GHz	1605	2039	NA	NA
Intel Pentium A1020 @ 2.41GHz	2096	1784	NA	NA
Intel Pentium B940 @ 2.00GHz	1726	1965	57.65	$29.94*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium B950 @ 2.10GHz	1711	1975	NA	NA
Intel Pentium B960 @ 2.20GHz	1851	1906	37.79	$48.99*
Intel Pentium B970 @ 2.30GHz	1949	1856	38.23	$50.99*
Intel Pentium B980 @ 2.40GHz	2023	1820	28.93	$69.95*
Intel Pentium D1508 @ 2.20GHz	3813	1219	29.56	$129.00*
Intel Pentium D 805 @ 2.66GHz	530	2607	NA	NA
Intel Pentium D 830 @ 3.00GHz	641	2550	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium D 915 @ 2.80GHz	584	2578	NA	NA
Intel Pentium D 940 @ 3.20GHz	710	2515	NA	NA
Intel Pentium D 950 @ 3.40GHz	741	2503	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2474	NA	NA
Intel Pentium E2140 @ 1.60GHz	869	2442	9.67	$89.95*
Intel Pentium E2160 @ 1.80GHz	995	2365	64.17	$15.51*
Intel Pentium E2180 @ 2.00GHz	1088	2308	36.88	$29.50
Intel Pentium E2200 @ 2.20GHz	1200	2244	16.01	$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2259	NA	NA
Intel Pentium E2220 @ 2.40GHz	1329	2168	15.46	$85.99*
Intel Pentium E5200 @ 2.50GHz	1485	2095	24.78	$59.95*
Intel Pentium E5300 @ 2.60GHz	1538	2068	35.53	$43.31*
Intel Pentium E5400 @ 2.70GHz	1596	2044	89.90	$17.76*
Intel Pentium E5500 @ 2.80GHz	1636	2023	62.96	$25.99*
Intel Pentium E5700 @ 3.00GHz	1739	1960	116.01	$14.99*
Intel Pentium E5800 @ 3.20GHz	1889	1889	83.98	$22.50*
Intel Pentium E6300 @ 2.80GHz	1704	1978	165.52	$10.30*
Intel Pentium E6500 @ 2.93GHz	1766	1943	11.18	$157.95*
Intel Pentium E6600 @ 3.06GHz	1859	1902	18.59	$100.00*
Intel Pentium E6700 @ 3.20GHz	1928	1865	64.31	$29.99
Intel Pentium E6800 @ 3.33GHz	1974	1840	22.19	$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2427	29.21	$31.23*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2389	NA	NA
Intel Pentium G620 @ 2.60GHz	2287	1703	91.55	$24.99*
Intel Pentium G620T @ 2.20GHz	2015	1824	25.19	$79.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G630 @ 2.70GHz	2366	1674	23.67	$100.00
Intel Pentium G630T @ 2.30GHz	2086	1788	26.09	$79.99*
Intel Pentium G640 @ 2.80GHz	2519	1616	62.98	$40.00*
Intel Pentium G640T @ 2.40GHz	1979	1838	NA	NA
Intel Pentium G645 @ 2.90GHz	2585	1590	64.64	$40.00
Intel Pentium G645T @ 2.50GHz	2230	1733	NA	NA
Intel Pentium G840 @ 2.80GHz	2560	1603	73.19	$34.99*
Intel Pentium G850 @ 2.90GHz	2653	1567	88.82	$29.88*
Intel Pentium G860 @ 3.00GHz	2736	1547	91.25	$29.99*
Intel Pentium G870 @ 3.10GHz	2787	1525	28.73	$97.00*
Intel Pentium G2010 @ 2.80GHz	2592	1586	51.86	$50.00*
Intel Pentium G2020 @ 2.90GHz	2753	1540	45.93	$59.95*
Intel Pentium G2020T @ 2.50GHz	2416	1656	50.77	$47.60*
Intel Pentium G2030 @ 3.00GHz	2862	1503	59.64	$48.00
Intel Pentium G2030T @ 2.60GHz	2496	1629	39.01	$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1537	NA	NA
Intel Pentium G2120 @ 3.10GHz	3079	1428	19.30	$159.55*
Intel Pentium G2130 @ 3.20GHz	3189	1385	63.80	$49.99*
Intel Pentium G2140 @ 3.30GHz	3377	1330	55.37	$60.99*
Intel Pentium G3220 @ 3.00GHz	3124	1409	32.57	$95.93
Intel Pentium G3220T @ 2.60GHz	2562	1601	40.69	$62.98*
Intel Pentium G3240 @ 3.10GHz	3161	1397	39.52	$79.99
Intel Pentium G3240T @ 2.70GHz	2819	1515	NA	NA
Intel Pentium G3250 @ 3.20GHz	3242	1369	13.93	$232.84*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3250T @ 2.80GHz	2970	1463	33.01	$89.99*
Intel Pentium G3258 @ 3.20GHz	3864	1202	20.53	$188.28*
Intel Pentium G3260 @ 3.30GHz	3357	1335	23.98	$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1476	32.56	$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1665	NA	NA
Intel Pentium G3420 @ 3.20GHz	3391	1326	44.10	$76.89
Intel Pentium G3420T @ 2.70GHz	3008	1446	18.80	$159.99*
Intel Pentium G3430 @ 3.30GHz	3396	1322	37.75	$89.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3440 @ 3.30GHz	3324	1345	20.79	$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1417	NA	NA
Intel Pentium G3450 @ 3.40GHz	3696	1252	36.97	$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1464	NA	NA
Intel Pentium G3460 @ 3.50GHz	3587	1276	12.45	$288.20*
Intel Pentium G3470 @ 3.60GHz	3714	1248	35.62	$104.29*
Intel Pentium G4400 @ 3.30GHz	3529	1289	30.96	$114.00
Intel Pentium G4400T @ 2.90GHz	3171	1391	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1499	45.09	$64.00*
Intel Pentium G4500 @ 3.50GHz	3793	1222	43.63	$86.96
Intel Pentium G4500T @ 3.00GHz	3471	1308	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1143	38.05	$109.99*
Intel Pentium G4560 @ 3.50GHz	4860	1005	48.61	$99.99*
Intel Pentium G4560T @ 2.90GHz	3883	1200	35.31	$109.99*
Intel Pentium G4600 @ 3.60GHz	5066	958	19.49	$259.95
Intel Pentium G4600T @ 3.00GHz	4266	1127	24.06	$177.28*
Intel Pentium G4620 @ 3.70GHz	5216	931	45.90	$113.66*
Intel Pentium G6950 @ 2.80GHz	1852	1905	46.33	$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1768	22.72	$94.00*
Intel Pentium G6960 @ 2.93GHz	2043	1810	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5199	935	74.29	$69.99
Intel Pentium Gold G5400T @ 3.10GHz	4755	1025	74.31	$64.00*
Intel Pentium Gold G5420 @ 3.80GHz	5267	924	61.98	$84.99
Intel Pentium Gold G5420T @ 3.20GHz	5156	943	80.57	$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5195	936	30.58	$169.90*
Intel Pentium Gold G5500T @ 3.20GHz	4346	1108	57.95	$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5571	874	26.50	$210.27
Intel Pentium Gold G5600F @ 3.90GHz	5736	855	NA	NA
Intel Pentium Gold G5620 @ 4.00GHz	5655	860	33.84	$167.13*
Intel Pentium III 933S @ 933MHz	238	2941	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2879	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2895	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2840	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III 1400 @ 1400MHz	297	2860	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2856	NA	NA
Intel Pentium III Mobile 750MHz	103	3029	NA	NA
Intel Pentium III Mobile 800MHz	182	2993	NA	NA
Intel Pentium III Mobile 866MHz	152	3012	NA	NA
Intel Pentium III Mobile 933MHz	218	2957	7.55	$28.99*
Intel Pentium III Mobile 1000MHz	245	2932	NA	NA
Intel Pentium III Mobile 1066MHz	246	2931	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III Mobile 1133MHz	251	2925	NA	NA
Intel Pentium III Mobile 1200MHz	240	2939	NA	NA
Intel Pentium J2850 @ 2.41GHz	1775	1939	NA	NA
Intel Pentium J2900 @ 2.41GHz	1973	1841	NA	NA
Intel Pentium J3710 @ 1.60GHz	1909	1873	NA	NA
Intel Pentium J4205 @ 1.50GHz	2264	1717	NA	NA
Intel Pentium M 1.10GHz	282	2885	NA	NA
Intel Pentium M 1.20GHz	298	2857	NA	NA
Intel Pentium M 1.30GHz	301	2850	NA	NA
Intel Pentium M 1.40GHz	345	2802	NA	NA
Intel Pentium M 1.50GHz	366	2779	NA	NA
Intel Pentium M 1.60GHz	364	2783	NA	NA
Intel Pentium M 1.70GHz	406	2728	NA	NA
Intel Pentium M 1.73GHz	412	2719	NA	NA
Intel Pentium M 1.80GHz	411	2720	NA	NA
Intel Pentium M 1.86GHz	439	2692	NA	NA
Intel Pentium M 2.00GHz	461	2669	NA	NA
Intel Pentium M 2.10GHz	448	2682	NA	NA
Intel Pentium M 2.13GHz	499	2632	NA	NA
Intel Pentium M 2.26GHz	509	2625	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2649	NA	NA
Intel Pentium M 900MHz	217	2960	NA	NA
Intel Pentium M 1000MHz	233	2945	NA	NA
Intel Pentium M 1100MHz	259	2917	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1200MHz	237	2942	NA	NA
Intel Pentium M 1300MHz	303	2844	NA	NA
Intel Pentium M 1400MHz	320	2826	NA	NA
Intel Pentium M 1500MHz	346	2799	NA	NA
Intel Pentium M 1600MHz	335	2811	NA	NA
Intel Pentium M 1700MHz	376	2764	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	2075	NA	NA
Intel Pentium N3520 @ 2.16GHz	1802	1926	NA	NA
Intel Pentium N3530 @ 2.16GHz	1905	1876	NA	NA
Intel Pentium N3540 @ 2.16GHz	1934	1862	7.71	$250.87*
Intel Pentium N3700 @ 1.60GHz	1831	1917	4.12	$444.78*
Intel Pentium N3710 @ 1.60GHz	1864	1899	NA	NA
Intel Pentium N4200 @ 1.10GHz	2028	1815	8.87	$228.69
Intel Pentium P6000 @ 1.87GHz	1245	2223	NA	NA
Intel Pentium P6100 @ 2.00GHz	1325	2170	46.62	$28.44*
Intel Pentium P6200 @ 2.13GHz	1350	2156	30.04	$44.95*
Intel Pentium P6300 @ 2.27GHz	1372	2144	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2906	1484	13.49	$215.41
Intel Pentium Silver J5040 @ 2.00GHz	3319	1347	NA	NA
Intel Pentium Silver N5000 @ 1.10GHz	2445	1647	15.19	$161.00*
Intel Pentium Silver N5030 @ 1.10GHz	2276	1708	NA	NA
Intel Pentium SU2700 @ 1.30GHz	410	2721	NA	NA
Intel Pentium SU4100 @ 1.30GHz	854	2451	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2457	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2539	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2080 @ 1.73GHz	706	2516	4.42	$159.95*
Intel Pentium T2130 @ 1.86GHz	705	2519	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2506	NA	NA
Intel Pentium T2330 @ 1.60GHz	830	2463	NA	NA
Intel Pentium T2370 @ 1.73GHz	847	2454	24.22	$35.00*
Intel Pentium T2390 @ 1.86GHz	952	2397	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2377	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T3200 @ 2.00GHz	1034	2337	86.23	$12.00*
Intel Pentium T3400 @ 2.16GHz	1113	2291	12.38	$89.95*
Intel Pentium T4200 @ 2.00GHz	1152	2275	96.05	$12.00*
Intel Pentium T4300 @ 2.10GHz	1231	2228	NA	NA
Intel Pentium T4400 @ 2.20GHz	1282	2198	NA	NA
Intel Pentium T4500 @ 2.30GHz	1333	2165	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2469	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2398	NA	NA
Intel T1200 @ 1.50GHz	435	2700	NA	NA
Intel T1400 @ 1.73GHz	929	2414	NA	NA
Intel T1500 @ 1.86GHz	976	2378	NA	NA
Intel T2050 @ 2.00GHz	959	2393	NA	NA
Intel Xeon 2.00GHz	233	2944	NA	NA
Intel XEON 2.20GHz	252	2923	NA	NA
Intel Xeon 2.40GHz	276	2898	30.35	$9.10*
Intel Xeon 2.66GHz	435	2699	NA	NA
Intel Xeon 2.80GHz	400	2739	NA	NA
Intel Xeon 3.00GHz	391	2752	NA	NA
Intel Xeon 3.06GHz	491	2636	NA	NA
Intel Xeon 3.20GHz	461	2670	NA	NA
Intel Xeon 3.40GHz	476	2653	NA	NA
Intel Xeon 3.60GHz	509	2624	0.60	$851.00*
Intel Xeon 3.73GHz	1041	2333	NA	NA
Intel Xeon 3.80GHz	604	2567	0.71	$851.00*
Intel Xeon 1500MHz	193	2983	NA	NA
Intel Xeon 3040 @ 1.86GHz	1278	2200	51.05	$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2182	8.23	$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	2076	66.07	$22.99*
Intel Xeon 3065 @ 2.33GHz	1580	2051	75.64	$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1937	10.08	$176.96
Intel Xeon 3075 @ 2.66GHz	1840	1912	5.26	$349.95*
Intel Xeon 3085 @ 3.00GHz	1772	1941	NA	NA
Intel Xeon 5110 @ 1.60GHz	1084	2312	30.99	$35.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 5120 @ 1.86GHz	1289	2192	0.80	$1,619.99
Intel Xeon 5130 @ 2.00GHz	1366	2147	27.90	$48.99*
Intel Xeon 5133 @ 2.20GHz	1598	2042	NA	NA
Intel Xeon 5140 @ 2.33GHz	1636	2022	65.49	$24.99*
Intel Xeon 5148 @ 2.33GHz	1590	2049	121.17	$13.13*
Intel Xeon 5150 @ 2.66GHz	1740	1959	66.98	$25.99*
Intel Xeon 5160 @ 3.00GHz	1960	1851	39.21	$49.99*
Intel Xeon @ 2.00GHz	11327	323	NA	NA
Intel Xeon @ 2.20GHz	1902	1879	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Xeon Bronze 3104 @ 1.70GHz	5701	857	24.79	$229.99
Intel Xeon Bronze 3106 @ 1.70GHz	6885	729	20.87	$329.99
Intel Xeon Bronze 3204 @ 1.90GHz	6248	791	22.97	$272.02*
Intel Xeon D-1518 @ 2.20GHz	5322	918	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	852	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	718	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	591	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9643	445	27.71	$348.00*
Intel Xeon D-1537 @ 1.70GHz	8445	563	14.79	$571.00*
Intel Xeon D-1539 @ 1.60GHz	8443	565	17.37	$486.00*
Intel Xeon D-1540 @ 2.00GHz	10740	352	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11016	336	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	356	19.24	$555.00*
Intel Xeon D-1557 @ 1.50GHz	10950	341	15.78	$694.00*
Intel Xeon D-1559 @ 1.50GHz	8687	542	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	217	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	230	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8150	596	38.26	$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	274	23.13	$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	239	24.41	$566.00*
Intel Xeon D-2146NT @ 2.30GHz	12057	302	18.81	$641.00*
Intel Xeon D-2166NT @ 2.00GHz	15922	176	15.84	$1,005.00*
Intel Xeon D-2183IT @ 2.20GHz	19381	114	10.99	$1,764.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-2187NT @ 2.00GHz	19741	105	9.93	$1,989.00*
Intel Xeon E3-1205 v6 @ 3.00GHz	7360	686	38.14	$193.00*
Intel Xeon E3-1220 @ 3.10GHz	6259	790	142.27	$44.00
Intel Xeon E3-1220 V2 @ 3.10GHz	6760	741	127.59	$52.99
Intel Xeon E3-1220 v3 @ 3.10GHz	7166	703	53.48	$133.99
Intel Xeon E3-1220 v5 @ 3.00GHz	7768	642	29.16	$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7750	644	33.20	$233.43
Intel Xeon E3-1220L @ 2.20GHz	3606	1269	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	1092	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2070	1799	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	6110	807	105.37	$57.99
Intel Xeon E3-1225 V2 @ 3.20GHz	6992	717	109.27	$63.99
Intel Xeon E3-1225 v3 @ 3.20GHz	7238	697	53.62	$134.99
Intel Xeon E3-1225 v5 @ 3.30GHz	7842	633	18.79	$417.32
Intel Xeon E3-1225 v6 @ 3.30GHz	7958	622	26.91	$295.79
Intel Xeon E3-1226 v3 @ 3.30GHz	7603	661	12.78	$595.00*
Intel Xeon E3-1230 @ 3.20GHz	7852	631	85.36	$91.99
Intel Xeon E3-1230 V2 @ 3.30GHz	8868	526	113.70	$78.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9331	475	43.40	$215.00
Intel Xeon E3-1230 v5 @ 3.40GHz	9783	432	28.65	$341.53*
Intel Xeon E3-1230 v6 @ 3.50GHz	9843	423	36.87	$266.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	698	25.12	$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9625	448	18.87	$509.95
Intel Xeon E3-1235 @ 3.20GHz	7759	643	31.80	$244.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	772	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7982	618	95.04	$83.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1240 V2 @ 3.40GHz	9159	490	86.42	$105.99
Intel Xeon E3-1240 v3 @ 3.40GHz	9685	440	25.20	$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10331	378	30.24	$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10487	371	30.38	$345.25
Intel Xeon E3-1240L v3 @ 2.00GHz	7486	668	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7746	646	27.87	$278.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1241 v3 @ 3.50GHz	10033	401	27.12	$369.99
Intel Xeon E3-1245 @ 3.30GHz	8031	608	87.31	$91.99
Intel Xeon E3-1245 V2 @ 3.40GHz	9129	493	74.23	$122.99
Intel Xeon E3-1245 v3 @ 3.40GHz	9600	449	37.65	$255.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10168	391	29.45	$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10567	362	34.89	$302.90
Intel Xeon E3-1246 v3 @ 3.50GHz	9873	421	24.14	$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6180	798	107.84	$57.31
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	388	13.88	$736.16*
Intel Xeon E3-1265L @ 2.40GHz	5961	823	6.49	$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7400	683	50.00	$148.00*
Intel Xeon E3-1265L v3 @ 2.50GHz	9195	489	12.95	$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	501	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	632	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	541	19.05	$456.54*
Intel Xeon E3-1270 @ 3.40GHz	8249	587	26.19	$315.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9480	456	49.90	$189.99
Intel Xeon E3-1270 v3 @ 3.50GHz	9922	414	62.02	$159.99
Intel Xeon E3-1270 v5 @ 3.60GHz	10305	380	23.64	$435.90
Intel Xeon E3-1270 v6 @ 3.80GHz	11184	328	31.96	$349.99
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	354	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10119	396	11.40	$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8111	602	26.68	$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9424	465	23.88	$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	10054	400	25.07	$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10357	377	27.29	$379.52*
Intel Xeon E3-1275 v6 @ 3.80GHz	11057	333	21.68	$509.95
Intel Xeon E3-1275L v3 @ 2.70GHz	8896	523	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10248	386	9.55	$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8414	570	25.33	$332.20
Intel Xeon E3-1280 V2 @ 3.60GHz	9458	460	26.27	$360.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9794	429	21.81	$449.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	10620	360	15.39	$690.01*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1280 v6 @ 3.90GHz	11041	334	24.73	$446.49
Intel Xeon E3-1281 v3 @ 3.70GHz	10031	402	11.43	$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10503	369	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	368	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	12016	304	11.91	$1,008.95
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	409	12.35	$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10970	340	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	417	11.80	$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	455	12.27	$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8768	533	9.91	$885.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1290 V2 @ 3.70GHz	9654	443	10.91	$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	783	NA	NA
Intel Xeon E3-1505L v6 @ 2.20GHz	7887	628	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8967	513	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9656	442	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10016	404	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9315	477	14.95	$623.00*
Intel Xeon E3-1535M v6 @ 3.10GHz	10547	365	16.93	$623.00*
Intel Xeon E3-1545M v5 @ 2.90GHz	10283	382	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10628	359	8.81	$1,207.00*
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	350	19.42	$556.00*
Intel Xeon E3-1585L v5 @ 3.00GHz	10248	385	23.03	$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7265	693	161.50	$44.99*
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	674	NA	NA
Intel Xeon E5-1428L v2 @ 2.20GHz	8679	544	17.57	$494.00*
Intel Xeon E5-1603 @ 2.80GHz	5578	873	185.93	$30.00
Intel Xeon E5-1603 v3 @ 2.80GHz	6238	794	135.65	$45.99
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	774	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5882	833	202.85	$29.00*
Intel Xeon E5-1607 v2 @ 3.00GHz	6238	795	178.50	$34.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	7042	712	117.39	$59.99
Intel Xeon E5-1607 v4 @ 3.10GHz	7270	691	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	9070	499	171.15	$53.00
Intel Xeon E5-1620 v2 @ 3.70GHz	9504	454	166.75	$57.00*
Intel Xeon E5-1620 v3 @ 3.50GHz	9755	435	76.29	$127.88*
Intel Xeon E5-1620 v4 @ 3.50GHz	9897	418	20.62	$479.95
Intel Xeon E5-1630 v3 @ 3.70GHz	10226	387	52.71	$193.99
Intel Xeon E5-1630 v4 @ 3.70GHz	10302	381	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11742	313	23.72	$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12748	279	97.32	$131.00*
Intel Xeon E5-1650 v3 @ 3.50GHz	13632	246	104.87	$129.99
Intel Xeon E5-1650 v4 @ 3.60GHz	14196	226	27.95	$508.00*
Intel Xeon E5-1660 @ 3.30GHz	12200	298	9.95	$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13919	235	49.54	$280.99
Intel Xeon E5-1660 v3 @ 3.00GHz	14741	212	36.05	$408.95*
Intel Xeon E5-1660 v4 @ 3.20GHz	16208	165	13.18	$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16206	166	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16411	157	27.40	$598.99*
Intel Xeon E5-1680 v4 @ 3.40GHz	17063	143	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	126	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1291	73.80	$47.75*
Intel Xeon E5-2403 v2 @ 1.80GHz	3590	1275	161.73	$22.20*
Intel Xeon E5-2407 @ 2.20GHz	4188	1141	139.62	$30.00
Intel Xeon E5-2407 v2 @ 2.40GHz	4810	1014	13.37	$359.95*
Intel Xeon E5-2418L @ 2.00GHz	5202	934	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7072	711	364.38	$19.41*
Intel Xeon E5-2420 v2 @ 2.20GHz	8791	531	225.42	$39.00
Intel Xeon E5-2430 @ 2.20GHz	7669	655	25.15	$304.99*
Intel Xeon E5-2430 v2 @ 2.50GHz	9061	500	110.52	$81.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2430L @ 2.00GHz	7834	634	242.71	$32.28*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	759	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9221	487	230.59	$39.99
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	479	62.78	$147.99
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	518	6.29	$1,424.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2450 @ 2.10GHz	10478	372	149.72	$69.99
Intel Xeon E5-2450L @ 1.80GHz	8261	585	206.53	$40.00*
Intel Xeon E5-2470 @ 2.30GHz	10982	338	112.08	$97.99
Intel Xeon E5-2470 v2 @ 2.40GHz	11983	306	38.66	$309.99
Intel Xeon E5-2603 @ 1.80GHz	3574	1278	74.69	$47.85*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1228	62.78	$59.99*
Intel Xeon E5-2603 v3 @ 1.60GHz	5145	944	87.21	$59.00
Intel Xeon E5-2603 v4 @ 1.70GHz	5524	884	24.64	$224.20*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	630	17.82	$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4624	1047	165.22	$27.99*
Intel Xeon E5-2609 v2 @ 2.50GHz	5179	940	32.99	$157.00
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	830	55.66	$106.03*
Intel Xeon E5-2609 v4 @ 1.70GHz	6925	728	19.25	$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	300	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14238	225	18.28	$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7903	626	298.26	$26.50
Intel Xeon E5-2620 v2 @ 2.10GHz	8623	552	119.74	$72.02
Intel Xeon E5-2620 v3 @ 2.40GHz	10008	405	250.28	$39.99
Intel Xeon E5-2620 v4 @ 2.10GHz	11312	324	28.31	$399.65
Intel Xeon E5-2623 v3 @ 3.00GHz	9000	508	74.39	$121.00*
Intel Xeon E5-2623 v4 @ 2.60GHz	8643	550	15.74	$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	468	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	294	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	268	9.61	$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	335	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8909	520	223.07	$39.94*
Intel Xeon E5-2630 v2 @ 2.60GHz	10380	375	303.16	$34.24
Intel Xeon E5-2630 v3 @ 2.40GHz	12806	275	128.06	$100.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13865	238	24.80	$559.00
Intel Xeon E5-2630L @ 2.00GHz	8004	613	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9098	496	245.05	$37.13*
Intel Xeon E5-2630L v3 @ 1.80GHz	9666	441	20.14	$479.90*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	273	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2637 @ 3.00GHz	4508	1072	5.09	$885.00*
Intel Xeon E5-2637 v2 @ 3.50GHz	9270	481	97.60	$94.99
Intel Xeon E5-2637 v3 @ 3.50GHz	10135	393	59.62	$169.99*
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	367	4.76	$2,208.95
Intel Xeon E5-2640 @ 2.50GHz	9412	467	112.05	$84.00
Intel Xeon E5-2640 v2 @ 2.00GHz	10213	389	238.81	$42.77*
Intel Xeon E5-2640 v3 @ 2.60GHz	13894	237	173.73	$79.98
Intel Xeon E5-2640 v4 @ 2.40GHz	15420	193	15.53	$992.99
Intel Xeon E5-2643 @ 3.30GHz	8452	562	165.74	$51.00
Intel Xeon E5-2643 v2 @ 3.50GHz	13217	263	110.15	$119.99
Intel Xeon E5-2643 v3 @ 3.40GHz	13945	232	53.64	$259.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2643 v4 @ 3.40GHz	13475	253	7.48	$1,801.96*
Intel Xeon E5-2648L @ 1.80GHz	6698	751	NA	NA
Intel Xeon E5-2648L v2 @ 1.90GHz	11381	321	7.70	$1,479.00*
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	320	7.30	$1,560.86*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	244	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	213	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10251	384	186.43	$54.99
Intel Xeon E5-2650 v2 @ 2.60GHz	13233	262	151.09	$87.59
Intel Xeon E5-2650 v3 @ 2.30GHz	14880	209	148.82	$99.99
Intel Xeon E5-2650 v4 @ 2.20GHz	15587	186	15.45	$1,009.00*
Intel Xeon E5-2650L @ 1.80GHz	8258	586	110.12	$75.00*
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	420	135.26	$73.05*
Intel Xeon E5-2650L v3 @ 1.80GHz	13341	259	57.45	$232.22*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	229	26.10	$539.99*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	325	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9632	447	6.59	$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13667	242	75.93	$179.99*
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	161	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	17275	139	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11265	326	98.82	$114.00
Intel Xeon E5-2660 v2 @ 2.20GHz	13171	265	94.76	$139.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2660 v3 @ 2.60GHz	16851	148	57.63	$292.42
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	147	11.82	$1,428.29
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	231	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11757	312	141.67	$82.99
Intel Xeon E5-2667 @ 2.90GHz	10677	357	169.53	$62.98
Intel Xeon E5-2667 v2 @ 3.30GHz	16041	167	84.44	$189.99
Intel Xeon E5-2667 v3 @ 3.20GHz	16001	170	48.49	$329.99
Intel Xeon E5-2667 v4 @ 3.20GHz	16631	153	6.76	$2,459.95*
Intel Xeon E5-2670 @ 2.60GHz	12381	290	93.58	$132.31
Intel Xeon E5-2670 v2 @ 2.50GHz	15032	202	96.99	$154.99
Intel Xeon E5-2670 v3 @ 2.30GHz	16808	149	108.45	$154.99
Intel Xeon E5-2673 v2 @ 3.30GHz	15642	183	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16412	156	23.45	$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21300	80	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15137	198	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17687	132	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17040	144	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25514	40	9.44	$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12879	272	168.18	$76.58
Intel Xeon E5-2680 v2 @ 2.80GHz	15894	178	90.83	$175.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18471	124	97.22	$189.99
Intel Xeon E5-2680 v4 @ 2.40GHz	19709	107	13.06	$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	92	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17326	138	12.47	$1,389.99
Intel Xeon E5-2683 v4 @ 2.10GHz	18863	119	37.06	$509.00
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	203	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	115	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	102	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2687W @ 3.10GHz	14325	224	66.95	$213.99
Intel Xeon E5-2687W v2 @ 3.40GHz	16255	163	48.52	$335.00*
Intel Xeon E5-2687W v3 @ 3.10GHz	17775	131	29.19	$608.99*
Intel Xeon E5-2687W v4 @ 3.00GHz	19929	99	9.16	$2,174.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2689 @ 2.60GHz	13306	260	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	104	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13732	241	162.49	$84.51
Intel Xeon E5-2690 v2 @ 3.00GHz	16367	159	85.79	$190.80
Intel Xeon E5-2690 v3 @ 2.60GHz	18881	118	83.92	$225.00
Intel Xeon E5-2690 v4 @ 2.60GHz	21162	82	9.75	$2,169.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	169	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	16041	168	61.94	$258.99
Intel Xeon E5-2695 v3 @ 2.30GHz	19710	106	40.31	$489.00*
Intel Xeon E5-2695 v4 @ 2.10GHz	20560	89	3.54	$5,808.00*
Intel Xeon E5-2696 v2 @ 2.50GHz	16245	164	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22105	67	8.85	$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	81	7.05	$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17175	141	62.01	$276.99
Intel Xeon E5-2697 v3 @ 2.60GHz	21375	79	35.04	$609.99
Intel Xeon E5-2697 v4 @ 2.30GHz	21435	77	7.66	$2,798.95
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	65	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	84	28.47	$739.00
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	71	6.02	$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22340	66	18.48	$1,208.99
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	60	12.43	$1,885.00
Intel Xeon E5-2699A v4 @ 2.40GHz	22948	63	4.65	$4,938.00*
Intel Xeon E5-4603 @ 2.00GHz	5014	975	52.21	$96.04*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	486	NA	NA
Intel Xeon E5-4610 @ 2.40GHz	9552	451	7.81	$1,223.00*
Intel Xeon E5-4610 v3 @ 1.70GHz	8853	528	7.26	$1,219.00*
Intel Xeon E5-4617 @ 2.90GHz	9313	478	103.59	$89.90*
Intel Xeon E5-4620 @ 2.20GHz	9248	484	68.91	$134.21*
Intel Xeon E5-4627 v2 @ 3.30GHz	12638	285	24.83	$508.95*
Intel Xeon E5-4627 v3 @ 2.60GHz	14615	215	6.09	$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15536	191	6.98	$2,225.00*
Intel Xeon E5-4640 @ 2.40GHz	10807	349	3.96	$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	280	NA	NA

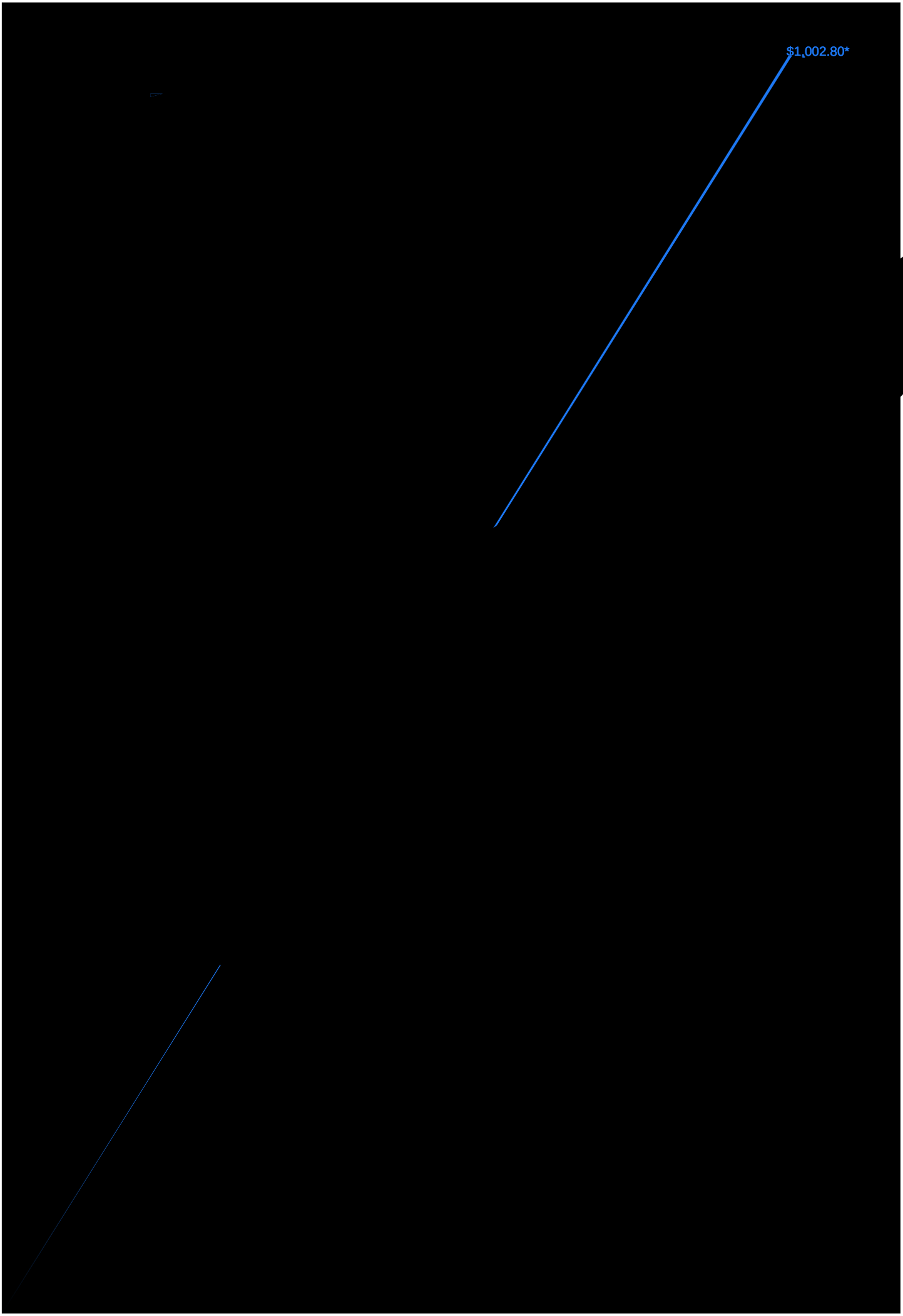
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	332	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	11685	317	166.96	$69.99*
Intel Xeon E5-4650L @ 2.60GHz	12145	301	164.17	$73.98*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	295	2.66	$4,616.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15531	192	11.10	$1,399.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	180	3.30	$4,800.00*
Intel Xeon E5-4667 v3 @ 2.00GHz	16388	158	2.86	$5,729.00*
Intel Xeon E5-4669 v3 @ 2.10GHz	19615	111	3.63	$5,400.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	247	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1410	1.75	$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2155	1762	93.76	$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1651	247.99	$9.79*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3120 @ 3.16GHz	2241	1728	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	2127	98.21	$14.27*
Intel Xeon E5240 @ 3.00GHz	2424	1654	27.31	$88.78*
Intel Xeon E5310 @ 1.60GHz	2214	1739	45.19	$49.00*
Intel Xeon E5320 @ 1.86GHz	2288	1702	59.05	$38.75*
Intel Xeon E5335 @ 2.00GHz	2513	1619	141.45	$17.77*
Intel Xeon E5345 @ 2.33GHz	2886	1497	72.17	$39.99*
Intel Xeon E5405 @ 2.00GHz	2835	1508	70.97	$39.95*
Intel Xeon E5410 @ 2.33GHz	3261	1361	15.61	$208.95*
Intel Xeon E5420 @ 2.50GHz	3475	1306	55.21	$62.95*
Intel Xeon E5430 @ 2.66GHz	3745	1238	24.17	$154.95*
Intel Xeon E5440 @ 2.83GHz	3954	1184	39.95	$99.00*
Intel Xeon E5450 @ 3.00GHz	4178	1144	13.98	$298.94*
Intel Xeon E5462 @ 2.80GHz	3872	1201	141.86	$27.30*
Intel Xeon E5472 @ 3.00GHz	4084	1161	135.96	$30.04*
Intel Xeon E5502 @ 1.87GHz	1378	2141	14.51	$95.00*
Intel Xeon E5503 @ 2.00GHz	1446	2109	5.04	$287.01*
Intel Xeon E5504 @ 2.00GHz	2666	1565	38.12	$69.95*
Intel Xeon E5506 @ 2.13GHz	2975	1459	47.22	$63.01*
Intel Xeon E5507 @ 2.27GHz	3125	1408	6.84	$456.91*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5520 @ 2.27GHz	4347	1106	89.61	$48.51*
Intel Xeon E5530 @ 2.40GHz	4493	1079	58.03	$77.44*
Intel Xeon E5540 @ 2.53GHz	4756	1024	80.62	$59.00*
Intel Xeon E5603 @ 1.60GHz	2361	1677	18.30	$129.04*
Intel Xeon E5606 @ 2.13GHz	3058	1436	42.96	$71.20
Intel Xeon E5607 @ 2.27GHz	3371	1332	48.71	$69.21*
Intel Xeon E5620 @ 2.40GHz	4774	1021	80.93	$58.99*
Intel Xeon E5630 @ 2.53GHz	5055	962	10.19	$495.92*
Intel Xeon E5640 @ 2.67GHz	5250	927	20.89	$251.36*
Intel Xeon E5645 @ 2.40GHz	6421	778	78.97	$81.31*
Intel Xeon E5649 @ 2.53GHz	6836	733	65.69	$104.07*
Intel Xeon E7320 @ 2.13GHz	2413	1657	NA	NA
Intel Xeon E-2104G @ 3.20GHz	7735	648	40.08	$193.00*
Intel Xeon E-2124 @ 3.30GHz	9363	470	44.59	$209.99
Intel Xeon E-2124G @ 3.40GHz	9891	419	40.71	$242.99
Intel Xeon E-2126G @ 3.30GHz	13650	245	45.50	$299.99*
Intel Xeon E-2134 @ 3.50GHz	10882	344	41.22	$263.99
Intel Xeon E-2136 @ 3.30GHz	15640	184	52.14	$299.99
Intel Xeon E-2144G @ 3.60GHz	11532	319	34.09	$338.28*
Intel Xeon E-2146G @ 3.50GHz	15622	185	46.92	$332.99
Intel Xeon E-2174G @ 3.80GHz	12302	293	32.99	$372.89
Intel Xeon E-2176G @ 3.70GHz	15582	188	38.67	$402.94
Intel Xeon E-2176M @ 2.70GHz	13551	249	30.11	$450.00*
Intel Xeon E-2186G @ 3.80GHz	15884	179	30.26	$524.99*
Intel Xeon E-2186M @ 2.90GHz	14420	218	23.15	$623.00*
Intel Xeon E-2224 @ 3.40GHz	10093	397	50.98	$198.00*
Intel Xeon E-2224G @ 3.50GHz	9913	415	45.47	$218.00*
Intel Xeon E-2226G @ 3.40GHz	13244	261	50.94	$260.00*
Intel Xeon E-2236 @ 3.40GHz	15713	182	54.37	$289.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2244G @ 3.80GHz	12782	277	46.99	$272.00*
Intel Xeon E-2246G @ 3.60GHz	15537	190	49.96	$311.00*
Intel Xeon E-2254ML @ 1.70GHz	9458	461	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2274G @ 4.00GHz	12595	286	37.71	$334.00*
Intel Xeon E-2276G @ 3.80GHz	14946	207	41.29	$362.00*
Intel Xeon E-2276M @ 2.80GHz	14397	220	31.99	$450.00*
Intel Xeon E-2278G @ 3.40GHz	17670	133	35.77	$494.00*
Intel Xeon E-2278GEL @ 2.00GHz	13914	236	28.17	$494.00*
Intel Xeon E-2286G @ 4.00GHz	16808	150	37.35	$450.00*
Intel Xeon E-2286M @ 2.40GHz	18161	128	29.15	$623.00*
Intel Xeon E-2288G @ 3.70GHz	19625	110	36.41	$539.00*
Intel Xeon Gold 5117 @ 2.00GHz	16672	152	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16435	154	15.51	$1,060.00
Intel Xeon Gold 5120 @ 2.20GHz	17625	134	11.29	$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	129	10.51	$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10923	342	8.60	$1,269.99
Intel Xeon Gold 5218 @ 2.30GHz	20622	88	15.87	$1,299.21
Intel Xeon Gold 6126 @ 2.60GHz	20264	94	11.04	$1,834.95
Intel Xeon Gold 6128 @ 3.40GHz	14961	206	8.70	$1,719.99
Intel Xeon Gold 6130 @ 2.10GHz	19643	109	10.45	$1,880.45
Intel Xeon Gold 6132 @ 2.60GHz	23907	56	11.07	$2,160.00
Intel Xeon Gold 6134 @ 3.20GHz	18206	127	8.02	$2,269.95
Intel Xeon Gold 6136 @ 3.00GHz	21034	85	7.92	$2,654.82*
Intel Xeon Gold 6137 @ 3.90GHz	20413	93	NA	NA
Intel Xeon Gold 6138 @ 2.00GHz	25421	41	9.49	$2,679.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	55	8.37	$2,863.75
Intel Xeon Gold 6143 @ 2.80GHz	26128	35	NA	NA
Intel Xeon Gold 6144 @ 3.50GHz	19667	108	5.94	$3,308.95*
Intel Xeon Gold 6146 @ 3.20GHz	24261	53	5.26	$4,608.95*
Intel Xeon Gold 6148 @ 2.40GHz	25817	38	8.02	$3,217.99
Intel Xeon Gold 6152 @ 2.10GHz	23498	59	6.18	$3,799.99
Intel Xeon Gold 6154 @ 3.00GHz	27722	28	7.57	$3,659.82*
Intel Xeon Gold 6210U @ 2.50GHz	28560	23	13.87	$2,059.86*
Intel Xeon Gold 6212U @ 2.40GHz	28917	21	14.46	$2,000.00*
Intel Xeon Gold 6230 @ 2.10GHz	24559	50	12.41	$1,979.00
Intel Xeon Gold 6242 @ 2.80GHz	25313	43	9.29	$2,723.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 6246 @ 3.30GHz	25734	39	7.13	$3,609.00*
Intel Xeon Gold 6254 @ 3.10GHz	30018	17	8.32	$3,610.00
Intel Xeon L3110 @ 3.00GHz	2273	1712	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1229	42.18	$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2162	4.83	$277.01*
Intel Xeon L3426 @ 1.87GHz	3943	1191	8.82	$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1921	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1714	72.33	$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1710	20.22	$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1767	30.52	$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1539	146.68	$18.79*
Intel Xeon L5408 @ 2.13GHz	3017	1443	NA	NA
Intel Xeon L5410 @ 2.33GHz	3358	1334	33.56	$100.08*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5420 @ 2.50GHz	3490	1301	126.94	$27.50*
Intel Xeon L5430 @ 2.66GHz	3721	1244	23.56	$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1247	16.59	$224.00*
Intel Xeon L5520 @ 2.27GHz	4324	1115	48.08	$89.95*
Intel Xeon L5530 @ 2.40GHz	4389	1100	227.93	$19.26*
Intel Xeon L5630 @ 2.13GHz	4338	1110	206.69	$20.99*
Intel Xeon L5638 @ 2.00GHz	5590	869	79.97	$69.90*
Intel Xeon L5639 @ 2.13GHz	6869	731	NA	NA
Intel Xeon L5640 @ 2.27GHz	6243	792	74.90	$83.36*
Intel Xeon L7455 @ 2.13GHz	3836	1211	NA	NA
Intel Xeon MV 3.20GHz	683	2531	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26835	32	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	724	NA	NA
Intel Xeon Platinum 8160 @ 2.10GHz	24241	54	5.40	$4,489.00*
Intel Xeon Platinum 8168 @ 2.70GHz	29131	20	4.95	$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	22	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	26	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	24434	52	2.80	$8,725.00*
Intel Xeon Platinum 8259CL @ 2.50GHz	27896	27	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Platinum 8268 @ 2.90GHz	31689	13	5.28	$6,005.98*
Intel Xeon Silver 4108 @ 1.80GHz	10714	353	24.35	$439.99
Intel Xeon Silver 4109T @ 2.00GHz	10908	343	21.77	$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11700	315	25.94	$451.00
Intel Xeon Silver 4112 @ 2.60GHz	8217	590	16.34	$502.99
Intel Xeon Silver 4114 @ 2.20GHz	14360	221	22.44	$640.00
Intel Xeon Silver 4116 @ 2.10GHz	15585	187	14.94	$1,043.47
Intel Xeon Silver 4123 @ 3.00GHz	15185	197	NA	NA
Intel Xeon Silver 4208 @ 2.10GHz	13116	266	14.43	$908.95
Intel Xeon Silver 4210 @ 2.20GHz	15898	177	28.66	$554.70
Intel Xeon Silver 4214 @ 2.20GHz	17532	136	19.68	$890.95
Intel Xeon Silver 4215 @ 2.50GHz	15200	196	15.89	$956.57*
Intel Xeon Silver 4216 @ 2.10GHz	19538	113	17.62	$1,108.95*
Intel Xeon W3503 @ 2.40GHz	1758	1947	176.01	$9.99*
Intel Xeon W3505 @ 2.53GHz	1842	1910	74.10	$24.86*
Intel Xeon W3520 @ 2.67GHz	4939	987	102.91	$48.00*
Intel Xeon W3530 @ 2.80GHz	5214	932	17.74	$293.95*
Intel Xeon W3540 @ 2.93GHz	5404	901	271.33	$19.92*
Intel Xeon W3550 @ 3.07GHz	5559	876	185.39	$29.99*
Intel Xeon W3565 @ 3.20GHz	5765	849	82.43	$69.95*
Intel Xeon W3570 @ 3.20GHz	6037	819	12.58	$479.95*
Intel Xeon W3580 @ 3.33GHz	6179	799	28.81	$214.50*
Intel Xeon W3670 @ 3.20GHz	8016	610	16.03	$499.99*
Intel Xeon W3680 @ 3.33GHz	8889	524	82.32	$107.99
Intel Xeon W3690 @ 3.47GHz	8966	514	45.98	$195.01
Intel Xeon W5580 @ 3.20GHz	5836	841	84.59	$68.99*
Intel Xeon W5590 @ 3.33GHz	6095	814	74.34	$81.99*
Intel Xeon W-2102 @ 2.90GHz	6977	719	24.31	$286.99*
Intel Xeon W-2104 @ 3.20GHz	7418	677	29.09	$255.00*
Intel Xeon W-2123 @ 3.60GHz	10657	358	30.84	$345.59
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-2125 @ 4.00GHz	12309	292	15.20	$809.95
Intel Xeon W-2133 @ 3.60GHz	14405	219	23.35	$617.00*


$1,002.80*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5272 @ 3.40GHz	2425	1653	17.33	$140.00*
Intel Xeon X5355 @ 2.66GHz	3150	1402	10.17	$309.95*
Intel Xeon X5365 @ 3.00GHz	3549	1282	45.51	$77.99*
Intel Xeon X5450 @ 3.00GHz	4104	1158	68.46	$59.96*
Intf	4318	1116		
	4585	1058		
	4001	1173		
	4537	1068		
	4846	1008		
	5272	923		
	5389	905		
	5600	868		
	5797	842		
	7270	692		
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	7531	665		
	6200	797		
	7794	637		
	6496	770		
	7960	621		
	6755	743		
	8958	517	NA	NA
	8353	578		
	6960	721		
	8766	534		
	4272	1125	NA	NA
	2977	1456	NA	NA
	314	2834		
	358	2789	NA	NA
	398	2740	NA	NA
	440	2690	NA	NA
	450	2680	NA	NA
	448	2683	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon 64 3400+	511	2623	NA	NA
Mobile AMD Athlon 64 3700+	435	2701	NA	NA
Mobile AMD Athlon 64 4000+	576	2582	NA	NA
Mobile AMD Athlon 1400+	266	2909	NA	NA
Mobile AMD Athlon 2500+	370	2773	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2910	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2763	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2863	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2634	NA	NA
Mobile AMD Athlon XP	572	2587	45.45	$12.59*
Mobile AMD Athlon XP-M	512	2621	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2991	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2913	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2915	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2822	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2859	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2806	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2852	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2782	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2801	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2797	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2772	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2781	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2780	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2691	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2640	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2626	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2872	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2862	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2810	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2770	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) 2800+	475	2655	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) 3200+	505	2628	NA	NA
Mobile AMD Sempron 2100+	252	2924	NA	NA
Mobile AMD Sempron 2600+	394	2746	NA	NA
Mobile AMD Sempron 2800+	364	2784	NA	NA
Mobile AMD Sempron 3000+	388	2757	NA	NA
Mobile AMD Sempron 3100+	416	2714	NA	NA
Mobile AMD Sempron 3200+	354	2792	NA	NA
Mobile AMD Sempron 3300+	446	2687	NA	NA
Mobile AMD Sempron 3400+	441	2689	NA	NA
Mobile AMD Sempron 3500+	408	2725	NA	NA
Mobile AMD Sempron 3600+	429	2705	NA	NA
Mobile AMD Sempron 3800+	485	2645	NA	NA
Mobile Intel Celeron 1.20GHz	170	3003	NA	NA
Mobile Intel Celeron 1.50GHz	188	2986	NA	NA
Mobile Intel Celeron 1.60GHz	188	2987	NA	NA
Mobile Intel Celeron 1.70GHz	181	2995	NA	NA
Mobile Intel Celeron 1.80GHz	186	2989	NA	NA
Mobile Intel Celeron 2.00GHz	204	2971	NA	NA
Mobile Intel Celeron 2.20GHz	226	2951	NA	NA
Mobile Intel Celeron 2.40GHz	236	2943	NA	NA
Mobile Intel Celeron 2.50GHz	281	2890	NA	NA
Mobile Intel Celeron 1200MHz	294	2864	NA	NA
Mobile Intel Celeron 1333MHz	280	2892	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2897	6.38	$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2912	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2894	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2832	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2808	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2790	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2693	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2651	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2980	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	3002	1.06	$164.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 - M 1.80GHz	175	2999	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2946	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2975	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2977	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2961	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2919	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2836	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2965	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2976	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2927	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2869	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2952	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2870	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1627	NA	NA
Quad-Core AMD Opteron 1385	3482	1305	64.49	$54.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Quad-Core AMD Opteron 1389	3446	1313	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1479	NA	NA
VIA C3 Ezra	100	3030	NA	NA
VIA C7 1500MHz	284	2881	NA	NA
VIA C7-D 1500MHz	287	2877	NA	NA
VIA C7-D 1800MHz	203	2972	NA	NA
VIA C7-D 2000MHz	368	2776	NA	NA
VIA C7-M 1000MHz	164	3005	NA	NA
VIA C7-M 1200MHz	140	3018	NA	NA
VIA C7-M 1600MHz	178	2997	NA	NA
VIA C7-M 6300MHz	222	2954	NA	NA
VIA Eden 800MHz	155	3009	NA	NA
VIA Eden 1000MHz	123	3026	NA	NA
VIA Eden 1200MHz	142	3017	NA	NA
VIA Eden C1050@1.06GHz	352	2795	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	499	2631	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1262	2213	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Esther 1000MHz	146	3016	NA	NA
VIA Esther 1300MHz	250	2926	NA	NA
VIA Esther 1500MHz	195	2981	NA	NA
VIA Esther 2000MHz	394	2745	NA	NA
VIA Nano L1900@1400MHz	457	2673	NA	NA
VIA Nano L2007@1600MHz	369	2774	NA	NA
VIA Nano L2100@1800MHz	428	2707	NA	NA
VIA Nano L2207@1600MHz	296	2861	NA	NA
VIA Nano L3025@1600MHz	517	2618	NA	NA
VIA Nano L3050@1800MHz	581	2580	NA	NA
VIA Nano L3600@2000MHz	645	2547	NA	NA
VIA Nano U2250 (1.6GHz Capable)	415	2715	NA	NA
VIA Nano U2250@1300+MHz	274	2900	NA	NA
VIA Nano U2500@1200MHz	306	2843	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2629	NA	NA
VIA Nano U3300@1200MHz	409	2723	NA	NA
VIA Nano U3500@1000MHz	272	2901	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2565	NA	NA
VIA Nehemiah	155	3010	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1881	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	2149	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2260	NA	NA
VIA Samuel 2	79	3032	NA	NA
ZHAOXIN KaiXian KX-U6780A@2.7GHz	5760	851	NA	NA
ZHAOXIN KaiXian ZX-C+ C4700@2.0GHz	2069	1800	NA	NA

** - Last price seen from our affiliates.*

Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	352	3.61	$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	166	10.62	$1,662.32*
[Dual CPU] AMD Athlon 64 FX-72	3163	458	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	464	2.95	$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	510	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD EPYC 7251	12955	225	16.15	$802.02
[Dual CPU] AMD EPYC 7261	12430	232	12.14	$1,023.84
[Dual CPU] AMD EPYC 7281	15152	194	15.61	$970.76
[Dual CPU] AMD EPYC 7302	32495	37	15.18	$2,139.98
[Dual CPU] AMD EPYC 7371	19370	146	6.25	$3,100.00*
[Dual CPU] AMD EPYC 7401	23518	90	6.54	$3,595.58
[Dual CPU] AMD EPYC 7451	28957	54	12.99	$2,229.28
[Dual CPU] AMD EPYC 7501	28991	53	4.01	$7,233.40*
[Dual CPU] AMD EPYC 7542	46721	3	6.20	$7,536.22
[Dual CPU] AMD EPYC 7551	31452	41	4.05	$7,759.84
[Dual CPU] AMD EPYC 7601	33545	33	4.74	$7,073.24
[Dual CPU] AMD EPYC 7742	55574	1	6.02	$9,236.26
[Dual CPU] AMD Opteron 246	1130	499	28.26	$39.98*
[Dual CPU] AMD Opteron 248	1053	500	5.27	$199.90
[Dual CPU] AMD Opteron 250	1438	495	65.36	$22.00*
[Dual CPU] AMD Opteron 252	1418	496	11.19	$126.72*
[Dual CPU] AMD Opteron 254	816	505	NA	NA
[Dual CPU] AMD Opteron 256	1853	492	48.76	$38.00*
[Dual CPU] AMD Opteron 265	2010	490	13.77	$146.00
[Dual CPU] AMD Opteron 270	2226	486	4.28	$519.90
[Dual CPU] AMD Opteron 275	2133	489	26.70	$79.90
[Dual CPU] AMD Opteron 280	2452	480	18.86	$130.00*
[Dual CPU] AMD Opteron 285	2769	471	17.32	$159.90
[Dual CPU] AMD Opteron 290	2716	473	10.06	$270.00*
[Dual CPU] AMD Opteron 850	1410	497	0.47	$3,028.00*
[Dual CPU] AMD Opteron 885	2851	466	NA	NA
[Dual CPU] AMD Opteron 2212	2203	487	55.08	$40.00*
[Dual CPU] AMD Opteron 2214	2344	482	40.41	$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	479	NA	NA
[Dual CPU] AMD Opteron 2216	2526	476	47.13	$53.60*
[Dual CPU] AMD Opteron 2216 HE	2593	475	NA	NA
[Dual CPU] AMD Opteron 2218	2732	472	17.09	$159.90
[Dual CPU] AMD Opteron 2218 HE	2397	481	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 2220	2839	467	17.75	$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	465	57.64	$50.00*
[Dual CPU] AMD Opteron 2222	2998	462	0.90	$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	456	45.30	$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	446	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	453	7.36	$471.66*
[Dual CPU] AMD Opteron 2350	4078	447	25.50	$159.90*
[Dual CPU] AMD Opteron 2354	4554	435	6.86	$664.06*
[Dual CPU] AMD Opteron 2356	4441	438	42.70	$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	416	73.82	$72.00
[Dual CPU] AMD Opteron 2373 EE	4164	443	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	431	36.92	$130.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2376	5238	418	15.70	$333.62*
[Dual CPU] AMD Opteron 2378	5318	415	14.85	$358.00*
[Dual CPU] AMD Opteron 2380	5261	417	58.46	$90.00
[Dual CPU] AMD Opteron 2384	5449	410	3.24	$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	390	NA	NA
[Dual CPU] AMD Opteron 2389	5677	403	48.11	$118.00*
[Dual CPU] AMD Opteron 2419	5191	420	216.47	$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	391	NA	NA
[Dual CPU] AMD Opteron 2427	5964	399	45.88	$130.00
[Dual CPU] AMD Opteron 2431	6438	382	92.00	$69.98
[Dual CPU] AMD Opteron 2435	7053	368	54.25	$130.00
[Dual CPU] AMD Opteron 2439 SE	8071	336	44.84	$179.98*
[Dual CPU] AMD Opteron 4122	4076	448	16.31	$249.98*
[Dual CPU] AMD Opteron 4130	5651	405	24.58	$229.90*
[Dual CPU] AMD Opteron 4170 HE	6344	385	53.76	$118.00*
[Dual CPU] AMD Opteron 4180	6367	384	7.77	$819.90*
[Dual CPU] AMD Opteron 4184	7813	342	7.51	$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	335	80.90	$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	338	NA	NA
[Dual CPU] AMD Opteron 4234	8953	312	19.46	$459.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 4274 HE	6797	375	84.98	$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	294	NA	NA
[Dual CPU] AMD Opteron 4280	4525	436	45.25	$100.00*
[Dual CPU] AMD Opteron 4284	9151	304	76.27	$119.98*
[Dual CPU] AMD Opteron 4334	9462	301	21.86	$432.84*
[Dual CPU] AMD Opteron 4340	10419	274	21.71	$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	280	8.15	$1,257.44*
[Dual CPU] AMD Opteron 4386	11410	253	40.75	$279.98*
[Dual CPU] AMD Opteron 6128	6811	374	179.33	$37.98
[Dual CPU] AMD Opteron 6128 HE	5582	408	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	319	NA	NA
[Dual CPU] AMD Opteron 6134	7586	354	86.22	$87.98*
[Dual CPU] AMD Opteron 6136	7255	362	32.98	$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	423	NA	NA
[Dual CPU] AMD Opteron 6168	7741	348	6.67	$1,159.90
[Dual CPU] AMD Opteron 6172	7621	353	19.24	$396.00*
[Dual CPU] AMD Opteron 6174	7783	344	59.87	$130.00
[Dual CPU] AMD Opteron 6176 SE	8448	326	26.57	$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	459	16.40	$189.90
[Dual CPU] AMD Opteron 6204	7134	364	50.96	$139.98*
[Dual CPU] AMD Opteron 6212	8927	315	148.83	$59.98*
[Dual CPU] AMD Opteron 6220	10558	270	88.00	$119.98*
[Dual CPU] AMD Opteron 6234	10079	287	168.26	$59.90*
[Dual CPU] AMD Opteron 6238	10349	276	14.38	$719.78*
[Dual CPU] AMD Opteron 6272	9818	291	70.14	$139.98
[Dual CPU] AMD Opteron 6274	10536	271	117.09	$89.98
[Dual CPU] AMD Opteron 6275	10900	267	NA	NA
[Dual CPU] AMD Opteron 6276	10101	286	29.88	$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	246	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	327	13.47	$619.96
[Dual CPU] AMD Opteron 6320	10716	269	20.88	$513.18
[Dual CPU] AMD Opteron 6328	12013	245	16.73	$718.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6344	11144	259	14.32	$778.00*
[Dual CPU] AMD Opteron 6348	11412	252	18.64	$612.20
[Dual CPU] AMD Opteron 6366 HE	12147	239	202.52	$59.98*
[Dual CPU] AMD Opteron 6376	10964	265	84.34	$130.00
[Dual CPU] AMD Opteron 6378	9145	305	24.07	$380.00
[Dual CPU] AMD Opteron 6380	14200	204	120.34	$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	237	42.05	$289.98
[Dual CPU] AMD Opteron 8218	2831	468	61.54	$46.00*
[Dual CPU] AMD Opteron 8220	2510	478	15.70	$159.90
[Dual CPU] AMD Opteron 8222 SE	2793	470	0.45	$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	457	64.46	$50.00
[Dual CPU] AMD Opteron 8380	5643	406	13.70	$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	419	NA	NA
[Dual CPU] AMD Opteron 8389	6517	380	41.25	$158.00*
[Dual CPU] AMD Opteron 8431	5813	401	207.76	$27.98*
[Dual CPU] AMD Opteron 8435	6739	376	46.80	$144.00*
[Dual CPU] AMD Opteron 8439 SE	7691	350	64.09	$120.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	498	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	484	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	452	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	341	2.19	$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	519	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	517	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	539	514	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	540	513	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	520	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	521	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	518	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	516	25.99	$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	511	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	679	507	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	770	506	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	509	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 3.20GHz	852	504	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	885	503	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	927	502	0.54	$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1854	491	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	501	0.58	$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	488	30.53	$70.00*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2315	483	0.71	$3,239.98
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2623	474	26.77	$97.98*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	460	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2974	463	59.50	$49.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	461	114.20	$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3406	454	65.53	$51.98*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3816	450	38.17	$99.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8938	314	19.43	$459.98
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11007	263	16.68	$659.98
[Dual CPU] Intel Xeon Bronze 3204 @ 1.90GHz	10503	272	19.31	$544.04*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	392	64.96	$95.50*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	388	141.98	$44.40*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	360	121.72	$60.00
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	308	12.53	$719.90*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11299	255	291.06	$38.82*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	247	152.69	$78.00
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	330	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13220	223	21.67	$609.98*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13986	206	85.29	$163.98*
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	10818	268	167.57	$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	13554	216	NA	NA
[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	12419	233	155.28	$79.98
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	226	43.43	$295.98
[Dual CPU] Intel Xeon E5-2448L @ 1.80GHz	11334	254	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	14051	205	100.38	$139.98
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16397	180	44.56	$367.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11807	248	147.59	$80.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	13442	217	68.59	$195.98
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	154	29.96	$619.98
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6324	387	66.08	$95.70*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6613	378	55.12	$119.98*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8289	331	70.25	$118.00
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8956	311	19.97	$448.40*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8152	334	145.62	$55.98*
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	9041	307	28.79	$314.00
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	288	47.29	$212.06*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	11010	262	15.30	$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12190	238	230.00	$53.00
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13186	224	91.54	$144.04
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15278	191	191.02	$79.98
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16439	177	20.57	$799.30
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14411	202	59.55	$242.00*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12506	230	11.39	$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	200	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13423	219	168.04	$79.88*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15935	184	232.70	$68.48
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18432	159	92.16	$200.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18772	153	16.79	$1,118.00
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11172	258	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	211	184.57	$74.26*
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	193	15.82	$959.80*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7706	349	4.35	$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15900	185	83.69	$189.98
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16421	178	48.30	$339.98*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16603	176	3.76	$4,417.90
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14649	198	87.20	$168.00
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 v2 @ 2.00GHz	14553	201	170.13	$85.54*
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19504	143	121.93	$159.96

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20146	134	10.14	$1,985.98
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13662	212	133.94	$102.00
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20756	128	86.49	$239.98
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	20724	129	39.86	$519.98
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21533	116	5.97	$3,603.92*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12399	234	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	208	4.67	$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	161	5.79	$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	14995	195	136.34	$109.98
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18814	152	107.40	$175.18
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20121	135	100.62	$199.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20809	126	10.31	$2,018.00*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	13621	214	90.81	$150.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	13788	209	94.37	$146.10*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	122	19.37	$1,079.98*
[Dual CPU] Intel Xeon E5-2652 v3 @ 2.30GHz	19588	141	8.36	$2,342.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13859	207	4.74	$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18901	151	52.51	$359.98*
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	145	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	165	4.85	$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16409	179	71.97	$228.00
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17868	164	64.27	$278.00
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22459	107	38.40	$584.84
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23105	97	8.09	$2,856.58
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23144	96	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	16943	171	102.08	$165.98
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	81	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16369	181	129.95	$125.96
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22742	100	59.85	$379.98
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22630	102	34.29	$659.98
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22525	104	4.58	$4,919.90*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18129	160	68.51	$264.62
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20646	130	66.60	$309.98

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22475	105	72.50	$309.98
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	93	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	21717	114	15.51	$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	72	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	20032	137	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	20856	125	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	47	5.54	$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18537	157	121.03	$153.16
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21545	115	61.56	$350.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24214	87	63.72	$379.98
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22761	99	7.54	$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	172	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21237	120	7.64	$2,779.98
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24666	84	24.23	$1,018.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	111	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26907	68	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	57	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20779	127	48.55	$427.98
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23311	95	34.79	$670.00*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24293	86	19.95	$1,217.98*
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26679	69	6.13	$4,349.98*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	18517	158	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	25703	78	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19623	140	116.10	$169.02
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23510	92	61.61	$381.60
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25718	77	57.15	$450.00
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27562	63	6.35	$4,339.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20861	123	40.27	$517.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24620	85	25.17	$978.00*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	26592	70	2.29	$11,616.00*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23518	91	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30745	45	6.15	$4,996.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31774	40	5.28	$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23101	98	41.70	$553.98
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27383	66	22.45	$1,219.98
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30440	46	5.44	$5,597.90
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	29346	51	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	28299	61	19.15	$1,478.00
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	44	4.78	$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	38	4.44	$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	88	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26542	71	10.98	$2,417.98
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	29	9.02	$3,770.00
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	22222	110	NA	NA
[Dual CPU] Intel Xeon E5-4610 v2 @ 2.30GHz	10937	266	4.49	$2,438.00*
[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz	15383	189	85.56	$179.80*
[Dual CPU] Intel Xeon E5-4620 v3 @ 2.00GHz	16684	175	5.00	$3,336.00*
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	144	19.15	$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	186	2.91	$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	148	35.31	$544.08*
[Dual CPU] Intel Xeon E5-4640 v3 @ 1.90GHz	20468	131	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	142	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18565	155	132.63	$139.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	196	1.94	$7,676.00*
[Dual CPU] Intel Xeon E5-4650 v4 @ 2.20GHz	21855	113	2.85	$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	13742	210	92.88	$147.96*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	106	2.34	$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	65	2.54	$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	240	44.98	$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	188	NA	NA
[Dual CPU] Intel Xeon E7-4830 @ 2.13GHz	9539	300	2.83	$3,370.88*
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	108	1.81	$12,400.00*
[Dual CPU] Intel Xeon E7-8860 @ 2.27GHz	9298	302	1.14	$8,122.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	244	1.42	$8,454.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15263	192	2.42	$6,306.90*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10965	264	5.04	$2,176.46*
[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz	10207	284	1.02	$10,017.02*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	485	79.85	$28.54*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	449	22.74	$177.56*
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3554	451	36.27	$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4155	444	53.61	$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	426	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	434	128.28	$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5120	422	64.02	$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5126	421	64.16	$79.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6007	397	14.37	$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6329	386	50.27	$125.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6828	373	22.03	$309.90*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7120	365	35.96	$198.00*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7502	357	12.55	$597.88*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7083	367	129.73	$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7774	345	129.39	$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2511	477	13.22	$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2805	469	4.89	$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4870	430	34.81	$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4992	425	39.61	$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5414	412	5.92	$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7284	361	75.08	$97.02*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7565	355	48.84	$154.88*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7691	351	65.18	$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	445	16.04	$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	409	38.66	$142.40
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5916	400	42.74	$138.42*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	7976	339	67.60	$117.98*
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8331	328	8.40	$991.84*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8616	322	17.14	$502.72*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10228	282	62.90	$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	10268	279	49.33	$208.14*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	411	87.81	$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	414	29.87	$179.98*
[Dual CPU] Intel Xeon E7540 @ 2.00GHz	6738	377	210.96	$31.94*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	112	9.92	$2,218.00
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21437	117	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	119	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22300	109	10.52	
	25109	80		
	17546	167		
	22537	103		
	23367	94		
	17384	169		
	27355	67		
	28658	58		
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
	18921	150		
	28610	59		
	20391	132		
	22725	101		
	26366	73		
	27522	64		
	24851	82		
	29725	49		
	27932	62	NA	NA
	33941	30		
	32761	36		
	28848	55		
	29907	48	NA	NA
	28802	56		
	29655	50		
	36724	22		
	32941	35		

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	34	4.36	$7,599.98
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	20	5.08	$7,319.64*
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	25519	79	5.00	$5,104.72*
[Dual CPU] Intel Xeon Gold 6240 @ 2.60GHz	36644	23	7.11	$5,155.98
[Dual CPU] Intel Xeon Gold 6242 @ 2.80GHz	33730	32	6.19	$5,447.98
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31282	42	5.11	$6,120.00*
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	33741	31	4.67	$7,218.00*
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38755	13	5.87	$6,599.98
[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz	37405	17	4.18	$8,954.10*
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	40219	11	5.57	$7,220.00
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	437	71.16	$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	441	30.62	$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	428	130.15	$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	407	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	394	30.58	$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6437	383	117.04	$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	396	19.22	$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	427	11.00	$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	371	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6970	370	38.74	$179.90*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7553	356	196.08	$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	6973	369	166.10	$41.98*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8693	318	62.18	$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9564	298	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9642	296	57.83	$166.72*
[Dual CPU] Intel Xeon MP 2.50GHz	550	512	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	515	4.56	$118.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	508	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	493	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36135	25	NA	NA
[Dual CPU] Intel Xeon Platinum 8153 @ 2.00GHz	19091	149	3.06	$6,230.00*
[Dual CPU] Intel Xeon Platinum 8160 @ 2.10GHz	38364	14	4.27	$8,978.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	37838	16	2.46	$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	52	2.96	$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39589	12	3.36	$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36410	24	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	26	NA	NA
[Dual CPU] Intel Xeon Platinum 8176M @ 2.10GHz	37191	19	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	18	1.86	$20,030.00*
[Dual CPU] Intel Xeon Platinum 8260 @ 2.40GHz	38202	15	4.14	$9,220.00*
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	9	3.42	$12,011.96*
[Dual CPU] Intel Xeon Platinum 8275CL @ 3.00GHz	43870	6	NA	NA
[Dual CPU] Intel Xeon Platinum 8280 @ 2.70GHz	43943	5	2.20	$20,018.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	183	18.15	$879.98
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16855	174	18.69	$902.00
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13327	221	13.25	$1,005.98
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19362	147	15.13	$1,280.00
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	118	10.27	$2,086.94
[Dual CPU] Intel Xeon Silver 4208 @ 2.10GHz	17904	163	9.85	$1,817.90
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	138	19.96	$1,002.00*
[Dual CPU] Intel Xeon Silver 4210 @ 2.20GHz	20974	121	18.91	$1,109.40
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz	24097	89	13.52	$1,781.90
[Dual CPU] Intel Xeon Silver 4216 @ 2.10GHz	26171	75	11.80	$2,217.90*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10019	289	72.61	$137.98*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10242	281	62.46	$163.98*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	278	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	432	33.26	$143.04*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	433	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	429	17.46	$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5730	402	9.24	$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6194	393	39.71	$155.98*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7444	358	62.07	$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7794	343	39.06	$199.56*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8051	337	21.30	$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7769	346	17.26	$450.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8159	333	40.80	$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8653	320	3.11	$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8731	316	14.32	$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	8993	309	132.29	$67.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9267	303	19.31	$479.90*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9649	295	242.07	$39.86*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11225	257	59.66	$188.16*
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11627	250	166.15	$69.98*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10226	283	219.16	$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12058	241	181.16	$66.56
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10293	277	114.39	$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12397	235	135.10	$91.76
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11142	260	199.96	$55.72*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13428	218	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13337	220	96.24	$138.58
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11750	249	36.19	$324.64
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13599	215	62.96	$216.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	325	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	379	91.61	$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	317	6.15	$1,417.90*
[Dual CPU] Intel Xeon X7542 @ 2.67GHz	8972	310	13.70	$654.72*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	290	18.95	$524.28*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11230	256	27.02	$415.58*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	442	46.34	$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	424	11.46	$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	440	9.75	$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	439	33.66	$130.00
[Dual CPU] Quad-Core AMD Opteron 8378	5382	413	30.51	$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	372	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	404	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	398	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	329	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 6136	9767	292	22.20	$440.00*
[Quad CPU] AMD Opteron 6174	8594	323	33.05	$260.00
[Quad CPU] AMD Opteron 6272	12292	236	43.91	$279.96
[Quad CPU] AMD Opteron 6274	10488	273	58.28	$179.96
[Quad CPU] AMD Opteron 6276	15342	190	22.70	$676.00
[Quad CPU] AMD Opteron 6278	12055	242	24.31	$495.80
[Quad CPU] AMD Opteron 6282 SE	11044	261	4.31	$2,560.00
[Quad CPU] AMD Opteron 6376	13257	222	50.99	$260.00
[Quad CPU] AMD Opteron 6378	20859	124	27.45	$760.00
[Quad CPU] AMD Opteron 6380	12553	229	53.19	$236.00
[Quad CPU] AMD Opteron 8360 SE	6490	381	77.26	$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	395	NA	NA
[Quad CPU] AMD Opteron 8382	8553	324	10.74	$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	359	NA	NA
[Quad CPU] AMD Opteron 8431	8252	332	147.46	$55.96*
[Quad CPU] AMD Opteron 8435	7099	366	24.65	$288.00*
[Quad CPU] AMD Opteron 8439 SE	8943	313	37.26	$240.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	494	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	455	NA	NA
[Quad CPU] Intel Xeon E5-4603 v2 @ 2.20GHz	14395	203	6.53	$2,204.00*
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	173	46.92	$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	14669	197	27.32	$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	213	42.59	$319.96*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	83	12.12	$2,035.80*
[Quad CPU] Intel Xeon E5-4640 @ 2.40GHz	19643	139	1.80	$10,920.00*
[Quad CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	20036	136	18.41	$1,088.16*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	17127	170	61.18	$279.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	74	12.87	$2,035.80*
[Quad CPU] Intel Xeon E5-4650L @ 2.60GHz	18557	156	62.71	$295.92*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	43	2.14	$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	133	3.36	$6,008.00*
[Quad CPU] Intel Xeon E7-4830 @ 2.13GHz	12824	227	1.90	$6,741.76*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	182	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)
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	28	1.39	$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	60	59.70	$478.56*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	39	NA	NA
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	36830	21	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	14596	199	1.91	$7,635.52*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17398	168	1.54	$11,309.44*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15793	187	1.25	$12,613.80*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	228	2.92	$4,352.92*
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	18000	162	0.90	$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	6277	389	18.46	$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	347	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	285	28.32	$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9618	297	10.03	$958.52*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	306	8.28	$1,092.04*
[Quad CPU] Intel Xeon E7540 @ 2.00GHz	7945	340	124.37	$63.88*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	76	5.15	$5,079.96
[Quad CPU] Intel Xeon Gold 6140 @ 2.30GHz	43682	7	3.81	$11,455.00
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	27	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	10	2.68	$15,199.96
[Quad CPU] Intel Xeon Gold 6248 @ 2.50GHz	41863	8	3.17	$13,199.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	293	NA	NA
[Quad CPU] Intel Xeon L7555 @ 1.87GHz	10406	275	8.51	$1,222.48*
[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	299	66.28	$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	243	4.24	$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	321	6.60	$1,309.44*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	251	10.97	$1,048.56*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	12448	231	14.98	$831.16*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	363	27.58	$260.00