

Single CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2835	NA	NA
AMD A10 Micro-6700T APU	1970	1806	NA	NA
AMD A10 PRO-7350B APU	3152	1372	NA	NA
AMD A10 PRO-7800B APU	4997	950	NA	NA
AMD A10 PRO-7850B APU	5380	882	NA	NA
AMD A10-4600M APU	3115	1386	28.34	\$109.95
AMD A10-4655M APU	2605	1552	NA	NA
AMD A10-4657M APU	2906	1454	NA	NA
AMD A10-5700 APU	4214	1108	65.35	\$64.50*
AMD A10-5745M APU	2764	1505	NA	NA
AMD A10-5750M APU	3340	1313	NA	NA
AMD A10-5757M APU	3084	1394	NA	NA
AMD A10-5800B APU	4614	1023	NA	NA
AMD A10-5800K APU	4649	1011	31.00	\$149.99*
AMD A10-6700 APU	4606	1026	39.38	\$116.99*
AMD A10-6700T APU	3705	1220	25.10	\$147.61*
AMD A10-6790K APU	4718	1001	49.68	\$94.99*
AMD A10-6800B APU	4822	982	NA	NA
AMD A10-6800K APU	4859	978	55.37	\$87.76*
AMD A10-7300 APU	2904	1457	NA	NA
AMD A10-7400P	3606	1240	NA	NA
AMD A10-7700K APU	5117	922	40.79	\$125.47*
AMD A10-7800 APU	4974	955	48.11	\$103.39*
AMD A10-7850K APU	5468	868	32.68	\$167.33*
AMD A10-7860K	5045	939	28.83	\$175.00*
AMD A10-7870K	5476	866	24.13	\$226.99*
AMD A10-7890K	5707	832	28.54	\$199.99*
AMD A10-8700P	3440	1285	NA	NA
AMD A10-8750	5064	933	NA	NA
AMD A10-8850	5604	845	NA	NA
AMD A10-9600P	3766	1199	NA	NA
AMD A10-9620P	3679	1225	NA	NA
AMD A10-9630P	4474	1054	NA	NA
AMD A10-9700	5379	883	63.96	\$84.11

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AMD A10-9700E	4747	998	33.92	\$139.98
AMD A12-9700P	3712	1217	NA	NA
AMD A12-9720P	3988	1147	NA	NA
AMD A12-9730P	4417	1068	NA	NA
AMD A12-9800	5584	847	37.67	\$148.24*
AMD A12-9800E	5087	926	38.72	\$131.38
AMD A4 Micro-6400T APU	1544	2025	NA	NA
AMD A4 PRO-3340B	2402	1627	NA	NA
AMD A4 PRO-7300B APU	2353	1650	NA	NA
AMD A4 PRO-7350B	2227	1702	NA	NA
AMD A4-1200 APU	632	2515	NA	NA
AMD A4-1250 APU	622	2522	NA	NA
AMD A4-3300 APU	1502	2050	115.70	\$12.99
AMD A4-3300M APU	1186	2215	39.56	\$29.99*
AMD A4-3305M APU	1227	2192	39.85	\$30.81
AMD A4-3310MX APU	1286	2155	NA	NA
AMD A4-3320M APU	1253	2178	34.93	\$35.90
AMD A4-3330MX APU	1218	2196	NA	NA
AMD A4-3400 APU	1593	2008	18.12	\$87.95
AMD A4-3420 APU	1664	1970	NA	NA
AMD A4-4000 APU	1831	1883	14.27	\$128.27*
AMD A4-4020 APU	1909	1840	23.00	\$83.00
AMD A4-4300M APU	1614	1996	40.52	\$39.86
AMD A4-4355M APU	1177	2218	NA	NA
AMD A4-5000 APU	1918	1834	NA	NA
AMD A4-5050 APU	2124	1741	NA	NA
AMD A4-5100 APU	2060	1769	NA	NA
AMD A4-5150M APU	1864	1864	NA	NA
AMD A4-5300 APU	2019	1786	18.31	\$110.32*
AMD A4-5300B APU	2149	1729	56.56	\$38.00*
AMD A4-6210 APU	2170	1719	NA	NA
AMD A4-6250J APU	2537	1580	NA	NA
AMD A4-6300 APU	2225	1703	48.87	\$45.55*
AMD A4-6300B APU	2159	1727	21.59	\$100.00*
AMD A4-6320 APU	2329	1652	33.29	\$69.99*
AMD A4-7210 APU	2529	1581	NA	NA
AMD A4-7300 APU	2312	1661	20.65	\$112.00

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AMD A4-9120	1947	1820	NA	NA
AMD A4-9120C	1539	2028	NA	NA
AMD A4-9125	2011	1789	NA	NA
AMD A6 Micro-6500T APU	1834	1880	NA	NA
AMD A6 PRO-7050B APU	1616	1995	NA	NA
AMD A6 PRO-7400B	2621	1546	NA	NA
AMD A6-1450 APU	1539	2029	NA	NA
AMD A6-3400M APU	1888	1853	63.01	\$29.99*
AMD A6-3410MX APU	2058	1772	515.98	\$3.99*
AMD A6-3420M APU	2004	1792	NA	NA
AMD A6-3430MX APU	2200	1713	NA	NA
AMD A6-3500 APU	2029	1781	50.76	\$39.99*
AMD A6-3600 APU	2707	1524	117.76	\$22.99*
AMD A6-3620 APU	2793	1494	46.56	\$59.99*
AMD A6-3650 APU	3140	1376	98.17	\$31.99*
AMD A6-3670 APU	3164	1364	5.19	\$610.00*
AMD A6-4400M APU	1644	1980	205.78	\$7.99*
AMD A6-4455M APU	1286	2156	NA	NA
AMD A6-5200 APU	2436	1617	NA	NA
AMD A6-5345M APU	1476	2061	NA	NA
AMD A6-5350M APU	1906	1842	44.20	\$43.12
AMD A6-5357M APU	1953	1817	NA	NA
AMD A6-5400B APU	2257	1688	21.49	\$105.04*
AMD A6-5400K APU	2160	1724	34.84	\$62.02
AMD A6-6310 APU	2467	1607	NA	NA
AMD A6-6400B APU	2281	1675	NA	NA
AMD A6-6400K APU	2313	1659	28.46	\$81.27*
AMD A6-6420B APU	2612	1549	NA	NA
AMD A6-6420K APU	2388	1636	15.92	\$149.99*
AMD A6-7000	1667	1966	NA	NA
AMD A6-7310 APU	2673	1532	NA	NA
AMD A6-7400K APU	2783	1498	38.24	\$72.79
AMD A6-7470K	2727	1517	20.52	\$132.91
AMD A6-7480	3116	1385	70.86	\$43.99*
AMD A6-8500P	2202	1712	NA	NA
AMD A6-8550	3032	1410	NA	NA
AMD A6-9200	1747	1916	NA	NA

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AMD A6-9210	1764	1906	NA	NA
AMD A6-9220	2160	1725	NA	NA
AMD A6-9220C	1962	1811	NA	NA
AMD A6-9220e	1629	1989	NA	NA
AMD A6-9225	2120	1743	NA	NA
AMD A6-9230	2102	1750	NA	NA
AMD A6-9500	3054	1405	56.83	\$53.75
AMD A6-9500E	2889	1466	39.85	\$72.50*
AMD A8 PRO-7150B APU	2653	1536	NA	NA
AMD A8 PRO-7600B APU	4752	995	NA	NA
AMD A8-3500M APU	1984	1800	28.37	\$69.95
AMD A8-3510MX APU	2414	1623	NA	NA
AMD A8-3520M APU	2169	1720	NA	NA
AMD A8-3530MX APU	2354	1648	NA	NA
AMD A8-3550MX APU	2610	1550	NA	NA
AMD A8-3800 APU	3010	1414	52.82	\$56.99*
AMD A8-3820 APU	3106	1387	24.86	\$124.99*
AMD A8-3850 APU	3458	1281	32.72	\$105.68*
AMD A8-3870K APU	3537	1258	23.63	\$149.67*
AMD A8-4500M APU	2666	1534	NA	NA
AMD A8-4555M APU	2123	1742	NA	NA
AMD A8-5500 APU	3998	1145	70.78	\$56.50*
AMD A8-5500B APU	4045	1137	NA	NA
AMD A8-5545M APU	2584	1559	NA	NA
AMD A8-5550M APU	3003	1419	NA	NA
AMD A8-5557M APU	2956	1435	NA	NA
AMD A8-5600K APU	4341	1081	18.94	\$229.30
AMD A8-6410 APU	2576	1563	NA	NA
AMD A8-6500 APU	4393	1071	46.26	\$94.99*
AMD A8-6500B APU	4616	1022	NA	NA
AMD A8-6500T APU	3276	1328	NA	NA
AMD A8-6600K APU	4593	1030	47.36	\$96.99*
AMD A8-7050	1824	1885	NA	NA
AMD A8-7100 APU	2799	1492	NA	NA
AMD A8-7200P	3338	1314	NA	NA
AMD A8-7410 APU	2750	1510	NA	NA
AMD A8-7600 APU	5063	934	34.46	\$146.94*

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AMD A8-7650K	4933	962	48.46	\$101.80*
AMD A8-7670K	5083	927	31.56	\$161.10*
AMD A8-7680	5350	888	89.19	\$59.99*
AMD A8-8600P	3248	1334	NA	NA
AMD A8-8650	5465	869	NA	NA
AMD A8-9600	4968	956	67.23	\$73.90
AMD A9-9400	2306	1663	NA	NA
AMD A9-9410	2539	1578	NA	NA
AMD A9-9420	2337	1651	NA	NA
AMD A9-9420e	1792	1898	NA	NA
AMD A9-9425	2496	1596	NA	NA
AMD A9-9430	2540	1577	NA	NA
AMD Athlon 1500+	294	2827	NA	NA
AMD Athlon 1640B	670	2498	13.42	\$50.00*
AMD Athlon 2000+	390	2718	NA	NA
AMD Athlon 200GE	4954	958	85.44	\$57.99
AMD Athlon 2100+	412	2680	NA	NA
AMD Athlon 2200+	363	2747	4.55	\$79.99*
AMD Athlon 220GE	5242	903	75.34	\$69.58
AMD Athlon 2400+	462	2630	NA	NA
AMD Athlon 240GE	5485	863	74.34	\$73.79
AMD Athlon 2500+	374	2727	2.04	\$183.99*
AMD Athlon 2600+	444	2651	4.23	\$104.95*
AMD Athlon 2650e	407	2687	21.47	\$19.00*
AMD Athlon 2800+	447	2646	3.20	\$139.95*
AMD Athlon 2850e	506	2589	NA	NA
AMD Athlon 3000G	5389	878	NA	NA
AMD Athlon 300U	4634	1016	NA	NA
AMD Athlon 3100+	485	2608	NA	NA
AMD Athlon 3200+	458	2634	7.63	\$60.00*
AMD Athlon 4	279	2855	4.00	\$69.99
AMD Athlon 5000 Dual-Core	1292	2150	10.78	\$119.95
AMD Athlon 5150 APU	2107	1748	13.18	\$159.95
AMD Athlon 5200 Dual-Core	1266	2173	42.23	\$29.99*
AMD Athlon 5350 APU	2610	1551	22.05	\$118.38
AMD Athlon 5370 APU	2915	1450	45.77	\$63.70*
AMD Athlon 64 2000+	116	2989	NA	NA

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AMD Athlon 64 2200+	575	2547	NA	NA
AMD Athlon 64 2600+	374	2729	NA	NA
AMD Athlon 64 2800+	438	2657	4.38	\$99.99*
AMD Athlon 64 3000+	464	2627	7.73	\$60.00
AMD Athlon 64 3200+	492	2597	3.29	\$149.95*
AMD Athlon 64 3300+	576	2546	NA	NA
AMD Athlon 64 3400+	545	2557	NA	NA
AMD Athlon 64 3500+	541	2563	4.97	\$108.95
AMD Athlon 64 3600+	601	2531	NA	NA
AMD Athlon 64 3700+	598	2532	8.67	\$69.00*
AMD Athlon 64 3800+	589	2536	3.28	\$179.95*
AMD Athlon 64 4000+	608	2526	3.32	\$183.27*
AMD Athlon 64 FX-25	794	2442	NA	NA
AMD Athlon 64 FX-34	380	2722	NA	NA
AMD Athlon 64 FX-51	437	2659	NA	NA
AMD Athlon 64 FX-53	646	2507	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2472	4.01	\$179.95*
AMD Athlon 64 FX-57	730	2468	NA	NA
AMD Athlon 64 FX-59	715	2475	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	2160	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	2014	NA	NA
AMD Athlon 64 FX-72	1794	1896	NA	NA
AMD Athlon 64 FX-74	1495	2054	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2355	NA	NA
AMD Athlon 64 X2 4200+	1285	2157	4.16	\$308.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2328	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2349	16.03	\$60.00
AMD Athlon 64 X2 Dual Core 3800+	999	2322	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1045	2293	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1097	2263	5.36	\$204.95

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AMD Athlon 64 X2 Dual Core 4400+	1145	2242	19.09	\$60.00
AMD Athlon 64 X2 Dual Core 4600+	1219	2195	3.39	\$359.95
AMD Athlon 64 X2 Dual Core 4800+	1253	2179	2.73	\$459.95*
AMD Athlon 64 X2 Dual Core 5000+	1313	2137	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	2101	23.03	\$60.00
AMD Athlon 64 X2 Dual Core 5400+	1450	2072	27.37	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1485	2058	8.25	\$179.95
AMD Athlon 64 X2 Dual Core 5800+	1516	2040	60.68	\$24.99*
AMD Athlon 64 X2 Dual Core 6000+	1603	2002	34.90	\$45.95
AMD Athlon 64 X2 Dual Core 6400+	1784	1899	6.87	\$259.95
AMD Athlon 64 X2 Dual Core BE-230	1095	2266	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2277	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2294	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2419	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2421	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2343	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2399	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	820	2428	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	870	2401	11.97	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	924	2378	NA	NA

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AMD Athlon 64 X2 QL-60	925	2377	NA	NA
AMD Athlon 64 X2 QL-62	1005	2317	NA	NA
AMD Athlon 64 X2 QL-64	989	2332	NA	NA
AMD Athlon 64 X2 QL-65	1050	2292	NA	NA
AMD Athlon 64 X2 QL-66	947	2364	NA	NA
AMD Athlon 64 X2 QL-67	1006	2316	NA	NA
AMD Athlon 64 X2 TK-55	955	2356	NA	NA
AMD Athlon 64 X2 TK-57	988	2333	NA	NA
AMD Athlon 7450 Dual-Core	1449	2073	NA	NA
AMD Athlon 7550 Dual-Core	1472	2062	24.54	\$60.00*
AMD Athlon 7750 Dual-Core	1570	2015	10.27	\$152.99*
AMD Athlon 7850 Dual-Core	1710	1936	8.16	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2838	NA	NA
AMD Athlon Dual Core 4050e	1086	2272	NA	NA
AMD Athlon Dual Core 4450B	1168	2228	37.68	\$31.00*
AMD Athlon Dual Core 4450e	1108	2259	NA	NA
AMD Athlon Dual Core 4850B	1391	2095	NA	NA
AMD Athlon Dual Core 4850e	1314	2136	33.71	\$39.00*
AMD Athlon Dual Core 5000B	1305	2142	13.74	\$95.00*
AMD Athlon Dual Core 5050e	1345	2122	22.43	\$60.00*
AMD Athlon Dual Core 5200B	1316	2135	NA	NA
AMD Athlon Dual Core 5400B	1420	2084	NA	NA
AMD Athlon Dual Core 5600B	1304	2143	NA	NA
AMD Athlon II 160u	563	2553	18.78	\$29.99*
AMD Athlon II 170u	626	2519	20.92	\$29.95*
AMD Athlon II Dual-Core M300	1112	2255	NA	NA
AMD Athlon II Dual-Core M320	1141	2244	38.05	\$30.00*
AMD Athlon II Dual-Core M340	1056	2289	NA	NA
AMD Athlon II N330 Dual- Core	1154	2236	NA	NA
AMD Athlon II N350 Dual- Core	1249	2185	NA	NA
AMD Athlon II N370 Dual- Core	1559	2020	NA	NA

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AMD Athlon II Neo K125	477	2616	NA	NA
AMD Athlon II Neo K145	525	2572	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2447	29.84	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2410	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2441	NA	NA
AMD Athlon II P320 Dual- Core	1216	2197	40.62	\$29.95*
AMD Athlon II P340 Dual- Core	1251	2183	27.83	\$44.95*
AMD Athlon II P360 Dual- Core	1318	2134	54.93	\$24.00*
AMD Athlon II X2 210e	1486	2057	NA	NA
AMD Athlon II X2 215	1566	2018	130.68	\$11.99*
AMD Athlon II X2 220	1635	1986	50.79	\$32.19
AMD Athlon II X2 225	1526	2033	NA	NA
AMD Athlon II X2 235e	1657	1975	9.11	\$181.88*
AMD Athlon II X2 240	1643	1981	47.02	\$34.95
AMD Athlon II X2 240e	1700	1946	48.64	\$34.95*
AMD Athlon II X2 245	1662	1972	47.56	\$34.95*
AMD Athlon II X2 245e	1709	1939	21.37	\$80.00*
AMD Athlon II X2 250	1740	1919	44.69	\$38.95
AMD Athlon II X2 250e	1939	1823	25.28	\$76.73*
AMD Athlon II X2 250u	1004	2318	28.74	\$34.95*
AMD Athlon II X2 255	1842	1875	28.24	\$65.22*
AMD Athlon II X2 260	1877	1856	93.92	\$19.99*
AMD Athlon II X2 260u	1107	2261	13.28	\$83.44*
AMD Athlon II X2 265	1892	1848	22.84	\$82.88*
AMD Athlon II X2 270	1975	1803	82.33	\$23.99*
AMD Athlon II X2 270u	1285	2158	18.99	\$67.67*
AMD Athlon II X2 280	2127	1739	21.28	\$99.99*
AMD Athlon II X2 4300e	1483	2059	NA	NA
AMD Athlon II X2 4400e	1632	1988	NA	NA
AMD Athlon II X2 4450e	1504	2047	NA	NA
AMD Athlon II X2 B22	1715	1931	41.16	\$41.69*
AMD Athlon II X2 B24	1781	1902	44.59	\$39.95

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AMD Athlon II X2 B26	1906	1841	42.42	\$44.95
AMD Athlon II X2 B28	2085	1757	42.52	\$49.05*
AMD Athlon II X3 400e	2009	1790	18.70	\$107.43*
AMD Athlon II X3 405e	2000	1795	25.00	\$79.99*
AMD Athlon II X3 415e	2247	1692	29.97	\$75.00*
AMD Athlon II X3 420e	2285	1672	19.68	\$116.15*
AMD Athlon II X3 425	2314	1658	85.74	\$26.99*
AMD Athlon II X3 425e	2239	1698	NA	NA
AMD Athlon II X3 435	2471	1605	82.41	\$29.99*
AMD Athlon II X3 440	2567	1568	95.13	\$26.99*
AMD Athlon II X3 445	2572	1566	28.27	\$91.00*
AMD Athlon II X3 450	2621	1548	68.97	\$38.01
AMD Athlon II X3 455	2765	1504	70.92	\$38.99*
AMD Athlon II X3 460	2864	1472	73.46	\$38.99*
AMD Athlon II X4 553	3814	1188	NA	NA
AMD Athlon II X4 555	3830	1184	NA	NA
AMD Athlon II X4 559	4125	1125	NA	NA
AMD Athlon II X4 600e	2465	1608	18.93	\$130.23*
AMD Athlon II X4 605e	2716	1520	26.69	\$101.80*
AMD Athlon II X4 610e	2793	1493	39.92	\$69.99*
AMD Athlon II X4 615e	2899	1462	49.15	\$59.00*
AMD Athlon II X4 620	2928	1447	48.86	\$59.95
AMD Athlon II X4 620e	2906	1455	NA	NA
AMD Athlon II X4 630	3130	1378	49.73	\$62.95
AMD Athlon II X4 631 Quad-Core	3145	1375	39.32	\$80.00*
AMD Athlon II X4 635	3231	1341	46.20	\$69.95
AMD Athlon II X4 638 Quad-Core	3198	1352	120.73	\$26.49*
AMD Athlon II X4 640	3315	1318	41.46	\$79.95
AMD Athlon II X4 6400e	2594	1555	NA	NA
AMD Athlon II X4 641 Quad-Core	3343	1311	36.54	\$91.50*
AMD Athlon II X4 645	3465	1280	43.35	\$79.95
AMD Athlon II X4 650	3482	1275	20.90	\$166.60*
AMD Athlon II X4 651 Quad-Core	3575	1250	20.08	\$178.04*
AMD Athlon II X4 655	2998	1421	NA	NA

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AMD Athlon L110	303	2808	NA	NA
AMD Athlon LE-1600	557	2555	26.57	\$21.00*
AMD Athlon LE-1620	578	2544	32.12	\$18.00*
AMD Athlon LE-1640	626	2518	NA	NA
AMD Athlon LE-1660	679	2495	NA	NA
AMD Athlon MP	230	2909	18.46	\$12.49
AMD Athlon MP 1700+	339	2769	NA	NA
AMD Athlon MP 2400+	436	2660	NA	NA
AMD Athlon MP 2800+	497	2595	NA	NA
AMD Athlon Neo MV-40	410	2683	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2321	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2446	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2423	NA	NA
AMD Athlon PRO 200GE	5163	914	NA	NA
AMD Athlon PRO 300GE	5557	854	NA	NA
AMD Athlon QI-46	473	2620	NA	NA
AMD Athlon TF-20	413	2679	NA	NA
AMD Athlon TF-36	395	2706	NA	NA
AMD Athlon X2 215	1543	2026	NA	NA
AMD Athlon X2 235e	1806	1891	NA	NA
AMD Athlon X2 240	1611	1998	NA	NA
AMD Athlon X2 240e	1670	1963	NA	NA
AMD Athlon X2 250	1696	1949	NA	NA
AMD Athlon X2 255	1627	1991	NA	NA
AMD Athlon X2 280	2303	1666	68.77	\$33.49*
AMD Athlon X2 340 Dual Core	1932	1828	38.66	\$49.99*
AMD Athlon X2 370K Dual Core	2251	1691	NA	NA
AMD Athlon X2 440	1424	2083	NA	NA
AMD Athlon X2 Dual Core 3250e	778	2445	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2324	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 Dual Core BE-2300	920	2382	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2257	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2198	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	2181	NA	NA
AMD Athlon X2 Dual Core L310	645	2508	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2314	NA	NA
AMD Athlon X3 425	2191	1716	NA	NA
AMD Athlon X3 435	2574	1565	26.96	\$95.49*
AMD Athlon X3 440	2078	1759	23.62	\$87.99*
AMD Athlon X3 445	2314	1657	NA	NA
AMD Athlon X3 455	2401	1628	NA	NA
AMD Athlon X4 605e	2505	1593	NA	NA
AMD Athlon X4 620	2861	1473	47.74	\$59.95
AMD Athlon X4 635	2891	1465	23.71	\$121.99*
AMD Athlon X4 640	3172	1361	NA	NA
AMD Athlon X4 740 Quad Core	4031	1141	14.55	\$277.00*
AMD Athlon X4 750 Quad Core	4551	1036	NA	NA
AMD Athlon X4 750K Quad Core	4273	1095	55.50	\$76.99*
AMD Athlon X4 760K Quad Core	4596	1028	109.49	\$41.98*
AMD Athlon X4 830	4701	1003	NA	NA
AMD Athlon X4 840	5070	930	64.40	\$78.74*
AMD Athlon X4 845	5408	874	101.80	\$53.13*
AMD Athlon X4 860K	5410	873	40.09	\$134.95*
AMD Athlon X4 870K	5320	896	66.52	\$79.99*
AMD Athlon X4 880K	5574	850	55.75	\$99.99*
AMD Athlon X4 950	5231	904	52.34	\$99.95
AMD Athlon XP 1500	282	2850	NA	NA
AMD Athlon XP 1500+	257	2880	NA	NA
AMD Athlon XP 1600+	267	2870	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 1700	344	2766	NA	NA
AMD Athlon XP 1700+	271	2865	4.43	\$61.25*
AMD Athlon XP 1800+	300	2815	5.10	\$58.95*
AMD Athlon XP 1900+	312	2799	NA	NA
AMD Athlon XP 2000+	300	2816	12.01	\$24.99*
AMD Athlon XP 2100+	323	2783	NA	NA
AMD Athlon XP 2200+	328	2782	3.87	\$84.95*
AMD Athlon XP 2300+	464	2626	NA	NA
AMD Athlon XP 2400+	360	2749	4.01	\$89.99*
AMD Athlon XP 2500+	355	2753	NA	NA
AMD Athlon XP 2600+	372	2733	16.18	\$23.03*
AMD Athlon XP 2700+	393	2709	4.64	\$84.79*
AMD Athlon XP 2800+	400	2700	NA	NA
AMD Athlon XP 2900+	424	2673	NA	NA
AMD Athlon XP 3000+	402	2696	5.06	\$79.70*
AMD Athlon XP 3100+	433	2664	NA	NA
AMD Athlon XP 3200+	432	2665	NA	NA
AMD Athlon XP 3400+	570	2550	NA	NA
AMD Athlon XP Pro3+	367	2740	NA	NA
AMD Athlon XP-M	541	2564	15.48	\$34.95*
AMD Athlon XP1600+	281	2851	NA	NA
AMD Athlon XP1900+	353	2756	NA	NA
AMD Athlon XP2100+	287	2840	NA	NA
AMD Athlon XP2200+	401	2698	NA	NA
AMD Athlon XP2400+	374	2728	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	2260	NA	NA
AMD C-30	310	2801	NA	NA
AMD C-50	462	2629	NA	NA
AMD C-60	466	2623	NA	NA
AMD C-60 APU	544	2559	NA	NA
AMD C-70 APU	558	2554	NA	NA
AMD E-240	319	2789	NA	NA
AMD E-300 APU	609	2525	NA	NA
AMD E-350	745	2463	NA	NA
AMD E-350 APU	759	2455	NA	NA
AMD E-350D APU	726	2470	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E-450 APU	765	2450	NA	NA
AMD E1 Micro-6200T APU	960	2353	NA	NA
AMD E1-1200 APU	654	2505	NA	NA
AMD E1-1500 APU	689	2490	NA	NA
AMD E1-2100 APU	642	2513	NA	NA
AMD E1-2200 APU	767	2449	NA	NA
AMD E1-2500 APU	896	2396	NA	NA
AMD E1-6010 APU	869	2402	NA	NA
AMD E1-6015 APU	900	2392	NA	NA
AMD E1-7010 APU	1018	2309	NA	NA
AMD E2-1800 APU	814	2429	NA	NA
AMD E2-2000 APU	825	2425	NA	NA
AMD E2-3000 APU	1140	2245	NA	NA
AMD E2-3000M APU	1092	2268	54.62	\$20.00*
AMD E2-3200 APU	1380	2102	172.79	\$7.99*
AMD E2-3800 APU	1645	1979	NA	NA
AMD E2-6110 APU	1916	1837	NA	NA
AMD E2-7110 APU	2291	1668	NA	NA
AMD E2-9000	1646	1978	NA	NA
AMD E2-9000e	1324	2132	NA	NA
AMD E2-9010	1629	1990	NA	NA
AMD E2-9030	1515	2042	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1764	1907	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1754	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2519	1585	NA	NA
AMD Embedded R-Series RX-216GD	2409	1626	NA	NA
AMD Embedded R-Series RX-418GD Radeon R6	5068	931	NA	NA
AMD Embedded R-Series RX-421BD	4635	1015	NA	NA
AMD EPYC 3201	9634	425	NA	NA
AMD EPYC 3251	11690	294	37.11	\$315.00*
AMD EPYC 7251	11811	289	22.43	\$526.58
AMD EPYC 7301	14978	186	17.78	\$842.49

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD EPYC 7302P	31213	9	NA	NA
AMD EPYC 7351	18081	115	24.83	\$728.07
AMD EPYC 7351P	14887	188	15.71	\$947.33
AMD EPYC 7371	22071	55	14.24	\$1,550.00*
AMD EPYC 7401P	20221	80	23.19	\$872.01
AMD EPYC 7402P	28291	16	20.85	\$1,357.00
AMD EPYC 7451	15767	169	16.82	\$937.42
AMD EPYC 7501	18942	103	9.19	\$2,060.86
AMD EPYC 7502P	23465	46	10.20	\$2,300.00*
AMD EPYC 7551	18483	107	13.02	\$1,419.90
AMD EPYC 7551P	18443	108	8.95	\$2,060.00
AMD EPYC 7571	20858	73	NA	NA
AMD EPYC 7702P	46067	3	10.41	\$4,425.00*
AMD EPYC 7742	47365	1	6.82	\$6,950.00*
AMD FirePro A320 APU	4540	1041	NA	NA
AMD FX-4100 Quad-Core	4077	1133	26.57	\$153.45*
AMD FX-4130 Quad-Core	4162	1118	54.78	\$75.99*
AMD FX-4150 Quad-Core	4594	1029	NA	NA
AMD FX-4170 Quad-Core	4869	973	48.70	\$99.99*
AMD FX-4200 Quad-Core	4270	1097	18.71	\$228.21*
AMD FX-4300 Quad-Core	4696	1005	29.92	\$156.97
AMD FX-4320	5011	949	NA	NA
AMD FX-4330	5328	893	NA	NA
AMD FX-4350 Quad-Core	5341	889	12.42	\$430.00
AMD FX-6100 Six-Core	5405	875	20.95	\$258.00*
AMD FX-6120 Six-Core	5754	828	NA	NA
AMD FX-6130 Six-Core	6215	772	NA	NA
AMD FX-6200 Six-Core	6108	785	17.97	\$339.95
AMD FX-6300 Six-Core	6408	756	50.08	\$127.98
AMD FX-6330 Six-Core	6954	700	NA	NA
AMD FX-6350 Six-Core	7022	692	48.44	\$144.99
AMD FX-670K Quad-Core	4550	1038	NA	NA
AMD FX-7500 APU	3203	1348	NA	NA
AMD FX-7600P	4050	1136	NA	NA
AMD FX-7600P APU	4627	1018	NA	NA
AMD FX-770K Quad-Core	4811	985	NA	NA
AMD FX-8100 Eight-Core	5884	808	41.44	\$142.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8120 Eight-Core	6641	735	29.82	\$222.73*
AMD FX-8140 Eight-Core	6133	781	NA	NA
AMD FX-8150 Eight-Core	7656	634	5.30	\$1,443.99
AMD FX-8300 Eight-Core	7771	624	64.77	\$119.99*
AMD FX-8310 Eight-Core	7738	627	NA	NA
AMD FX-8320 Eight-Core	8038	588	58.24	\$138.01
AMD FX-8320E Eight-Core	7580	643	31.68	\$239.24
AMD FX-8350 Eight-Core	8957	495	45.24	\$198.00
AMD FX-8370 Eight-Core	9048	485	45.24	\$199.99*
AMD FX-8370E Eight-Core	7869	609	24.58	\$320.09
AMD FX-870K Quad Core	5021	945	NA	NA
AMD FX-8800P	4196	1110	NA	NA
AMD FX-9370 Eight-Core	9461	441	17.05	\$555.00
AMD FX-9590 Eight-Core	10193	369	22.16	\$459.95
AMD FX-9800P	3961	1154	NA	NA
AMD FX-9830P	4783	990	NA	NA
AMD FX-B4150 Quad-Core	4611	1024	NA	NA
AMD G-T40E	467	2622	NA	NA
AMD G-T40N	516	2581	NA	NA
AMD G-T40R	203	2935	NA	NA
AMD G-T44R	229	2910	NA	NA
AMD G-T48E	667	2500	NA	NA
AMD G-T52R	308	2803	NA	NA
AMD G-T56E	751	2458	NA	NA
AMD G-T56N	796	2440	NA	NA
AMD Geode NX	264	2873	NA	NA
AMD Geode NX 1750	291	2829	NA	NA
AMD GX-210JA SOC	401	2699	NA	NA
AMD GX-212JC SOC	744	2464	NA	NA
AMD GX-217GA SOC	1107	2262	NA	NA
AMD GX-218GL SOC	1207	2202	NA	NA
AMD GX-222GC SOC	1255	2177	NA	NA
AMD GX-412HC	1497	2053	NA	NA
AMD GX-415GA SOC	1969	1808	NA	NA
AMD GX-420CA SOC	2412	1625	NA	NA
AMD GX-424CC SOC	2491	1599	NA	NA
AMD K7	403	2693	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1210	923	2379	14.21	\$65.00
AMD Opteron 1210 HE	971	2342	NA	NA
AMD Opteron 1212	1009	2315	3.48	\$290.00*
AMD Opteron 1212 HE	1308	2140	NA	NA
AMD Opteron 1214	1191	2211	4.11	\$290.00*
AMD Opteron 1214 HE	1299	2145	NA	NA
AMD Opteron 1216	1311	2139	23.91	\$54.85*
AMD Opteron 1216 HE	1172	2224	NA	NA
AMD Opteron 1218	1468	2065	NA	NA
AMD Opteron 1218 HE	1444	2074	NA	NA
AMD Opteron 1220	1661	1973	NA	NA
AMD Opteron 1222	1757	1911	NA	NA
AMD Opteron 1352	2316	1656	17.04	\$135.99*
AMD Opteron 1354	2630	1544	19.49	\$135.00*
AMD Opteron 1356	2765	1503	30.73	\$89.99*
AMD Opteron 1381	3065	1402	NA	NA
AMD Opteron 140	396	2704	0.62	\$640.00
AMD Opteron 142	428	2669	NA	NA
AMD Opteron 144	486	2604	7.48	\$65.00*
AMD Opteron 146	532	2567	8.87	\$59.99*
AMD Opteron 148	603	2530	NA	NA
AMD Opteron 150	604	2528	NA	NA
AMD Opteron 152	658	2502	NA	NA
AMD Opteron 154	703	2483	NA	NA
AMD Opteron 165	899	2394	1.63	\$550.00
AMD Opteron 170	1097	2264	NA	NA
AMD Opteron 175	1167	2229	NA	NA
AMD Opteron 180	1236	2188	9.51	\$129.95*
AMD Opteron 185	1342	2123	NA	NA
AMD Opteron 2212	1270	2171	63.53	\$20.00*
AMD Opteron 2214	1358	2117	46.85	\$29.00*
AMD Opteron 2214 HE	1415	2086	NA	NA
AMD Opteron 2216	1518	2039	58.84	\$25.80
AMD Opteron 2218	1594	2007	19.94	\$79.95
AMD Opteron 2220	1701	1944	21.29	\$79.95
AMD Opteron 2220 SE	1398	2091	55.92	\$25.00*
AMD Opteron 2222	1843	1874	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	1833	NA	NA
AMD Opteron 2350	2820	1484	35.28	\$79.95*
AMD Opteron 2354	2450	1613	7.38	\$332.03*
AMD Opteron 2356	2814	1486	54.12	\$52.00*
AMD Opteron 2373 EE	2789	1497	NA	NA
AMD Opteron 2374 HE	2951	1436	45.40	\$65.00
AMD Opteron 2376	2283	1673	13.69	\$166.81*
AMD Opteron 2378	3179	1357	17.76	\$179.00*
AMD Opteron 2380	2640	1542	58.69	\$45.00
AMD Opteron 2384	3538	1256	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1257	NA	NA
AMD Opteron 2393 SE	2246	1694	NA	NA
AMD Opteron 2427	3069	1400	47.22	\$65.00
AMD Opteron 2431	4516	1044	112.91	\$40.00*
AMD Opteron 2435	4708	1002	72.44	\$65.00
AMD Opteron 246	632	2516	31.62	\$19.99*
AMD Opteron 248	476	2617	4.77	\$99.95
AMD Opteron 250	649	2506	59.01	\$11.00*
AMD Opteron 252	760	2454	12.00	\$63.36*
AMD Opteron 254	693	2487	NA	NA
AMD Opteron 256	963	2347	50.72	\$19.00*
AMD Opteron 265	963	2348	13.20	\$73.00
AMD Opteron 270	1170	2225	1.93	\$607.47*
AMD Opteron 275	1291	2152	15.74	\$82.05*
AMD Opteron 280	1176	2219	18.10	\$65.00
AMD Opteron 285	1470	2064	18.39	\$79.95
AMD Opteron 290	1464	2066	10.85	\$135.00*
AMD Opteron 3250 HE	2942	1440	29.73	\$99.00*
AMD Opteron 3260 HE	3259	1331	NA	NA
AMD Opteron 3280	5497	862	20.12	\$273.18*
AMD Opteron 3320 EE	2675	1531	NA	NA
AMD Opteron 3350 HE	4186	1113	NA	NA
AMD Opteron 3365	6088	793	NA	NA
AMD Opteron 3380	6384	758	7.89	\$809.00*
AMD Opteron 4122	2942	1441	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1363	NA	NA
AMD Opteron 4170 HE	3664	1231	62.11	\$59.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4184	4418	1067	8.50	\$519.95*
AMD Opteron 4280	6430	753	128.60	\$50.00*
AMD Opteron 4284	6660	732	111.03	\$59.99*
AMD Opteron 4332 HE	5614	844	NA	NA
AMD Opteron 4334	6099	789	28.18	\$216.42*
AMD Opteron 4365 EE	5025	943	NA	NA
AMD Opteron 4386	6761	718	48.30	\$139.99*
AMD Opteron 6128	4505	1047	237.24	\$18.99
AMD Opteron 6134	2938	1442	66.81	\$43.99*
AMD Opteron 6136	4631	1017	42.10	\$110.00*
AMD Opteron 6164 HE	5351	887	NA	NA
AMD Opteron 6172	5261	899	26.57	\$198.00*
AMD Opteron 6174	6171	776	94.94	\$65.00
AMD Opteron 6176 SE	5465	870	34.37	\$159.00*
AMD Opteron 6212	5776	820	192.62	\$29.99*
AMD Opteron 6220	6785	715	113.11	\$59.99*
AMD Opteron 6234	5938	803	198.27	\$29.95*
AMD Opteron 6238	7673	633	21.32	\$359.89*
AMD Opteron 6272	6748	721	96.42	\$69.99
AMD Opteron 6274	4865	975	108.15	\$44.99
AMD Opteron 6276	8889	506	52.60	\$169.00
AMD Opteron 6282 SE	9116	475	14.24	\$640.00
AMD Opteron 6287 SE	9789	409	NA	NA
AMD Opteron 6328	7813	617	21.76	\$359.00
AMD Opteron 6344	9372	450	24.09	\$389.00*
AMD Opteron 6366 HE	7503	646	250.19	\$29.99*
AMD Opteron 6376	9212	468	141.72	\$65.00
AMD Opteron 6378	9094	476	47.87	\$190.00
AMD Opteron 6380	10081	378	170.88	\$59.00
AMD Opteron 6386 SE	10912	324	75.26	\$144.99
AMD Opteron 8354	2255	1690	93.98	\$24.00
AMD Opteron 8439 SE	3813	1189	63.56	\$60.00*
AMD Opteron X2170 APU	3059	1403	NA	NA
AMD Opteron X3216 APU	2292	1667	NA	NA
AMD Opteron X3418 APU	4659	1009	NA	NA
AMD Opteron X3421 APU	4886	970	NA	NA
AMD Phenom 2 X4 12000	3005	1418	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 7950 Quad-Core	2991	1423	NA	NA
AMD Phenom 8250 Triple-Core	1668	1965	NA	NA
AMD Phenom 8250e Triple-Core	1635	1985	34.81	\$46.99*
AMD Phenom 8400 Triple-Core	1632	1987	NA	NA
AMD Phenom 8450 Triple-Core	1888	1852	63.07	\$29.95*
AMD Phenom 8450e Triple-Core	2026	1783	NA	NA
AMD Phenom 8600 Triple-Core	1673	1960	31.57	\$52.99*
AMD Phenom 8600B Triple-Core	1924	1832	36.33	\$52.99*
AMD Phenom 8650 Triple-Core	1986	1798	39.73	\$49.99*
AMD Phenom 8750 Triple-Core	2058	1773	NA	NA
AMD Phenom 8750B Triple-Core	2034	1778	NA	NA
AMD Phenom 8850 Triple-Core	1968	1809	NA	NA
AMD Phenom 8850B Triple-Core	2080	1758	NA	NA
AMD Phenom 9100e Quad-Core	1833	1881	45.89	\$39.95*
AMD Phenom 9150e Quad-Core	2114	1745	52.92	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1653	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2599	1553	24.76	\$105.00*
AMD Phenom 9500 Quad-Core	2203	1711	76.01	\$28.99*
AMD Phenom 9550 Quad-Core	2544	1576	87.77	\$28.99*
AMD Phenom 9600 Quad-Core	2303	1665	46.12	\$49.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9600B Quad-Core	2575	1564	17.50	\$147.19*
AMD Phenom 9650 Quad-Core	2635	1543	58.64	\$44.95
AMD Phenom 9750 Quad-Core	2811	1489	95.33	\$29.49*
AMD Phenom 9750B Quad-Core	2709	1523	NA	NA
AMD Phenom 9850 Quad-Core	2887	1467	24.07	\$119.99*
AMD Phenom 9850B Quad-Core	3160	1368	NA	NA
AMD Phenom 9950 Quad-Core	3009	1415	22.29	\$134.99*
AMD Phenom FX-5000 Quad-Core	2517	1586	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1438	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1236	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1273	NA	NA
AMD Phenom II N620 Dual-Core	1686	1953	422.70	\$3.99*
AMD Phenom II N640 Dual-Core	1721	1927	26.51	\$64.95*
AMD Phenom II N660 Dual-Core	1844	1872	18.64	\$99.00*
AMD Phenom II N830 3+1	2652	1538	NA	NA
AMD Phenom II N830 Triple-Core	1890	1851	NA	NA
AMD Phenom II N850 Triple-Core	1934	1825	77.36	\$25.00*
AMD Phenom II N870 Triple-Core	2000	1794	NA	NA
AMD Phenom II N930 Quad-Core	2274	1677	17.50	\$129.95*
AMD Phenom II N950 Quad-Core	2483	1603	22.06	\$112.60*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II N970 Quad-Core	2515	1588	16.77	\$149.99*
AMD Phenom II P650 Dual-Core	1579	2011	45.12	\$35.00*
AMD Phenom II P820 Triple-Core	1602	2003	NA	NA
AMD Phenom II P840 Triple-Core	1713	1934	NA	NA
AMD Phenom II P860 Triple-Core	1756	1912	NA	NA
AMD Phenom II P920 Quad-Core	1872	1860	24.96	\$75.00*
AMD Phenom II P940 Quad-Core	1831	1882	NA	NA
AMD Phenom II P960 Quad-Core	2086	1755	74.51	\$28.00*
AMD Phenom II X2 511	2104	1749	NA	NA
AMD Phenom II X2 521	2071	1762	NA	NA
AMD Phenom II X2 545	1918	1835	43.62	\$43.98*
AMD Phenom II X2 550	2023	1784	40.48	\$49.99*
AMD Phenom II X2 555	2042	1775	73.01	\$27.98*
AMD Phenom II X2 560	2062	1768	31.73	\$64.99*
AMD Phenom II X2 565	2225	1704	10.60	\$209.95*
AMD Phenom II X2 570	2068	1765	NA	NA
AMD Phenom II X2 B53	1709	1938	NA	NA
AMD Phenom II X2 B55	1926	1831	40.17	\$47.95*
AMD Phenom II X2 B57	1823	1886	NA	NA
AMD Phenom II X2 B59	2124	1740	48.25	\$44.04*
AMD Phenom II X3 700e	2242	1696	NA	NA
AMD Phenom II X3 705e	2227	1701	14.63	\$152.34*
AMD Phenom II X3 710	2448	1614	28.97	\$84.53*
AMD Phenom II X3 715	2649	1540	31.17	\$84.99*
AMD Phenom II X3 720	2667	1533	38.11	\$69.99*
AMD Phenom II X3 740	2985	1424	33.55	\$88.99*
AMD Phenom II X3 B73	2735	1515	36.47	\$75.00*
AMD Phenom II X3 B75	2897	1463	72.45	\$39.99*
AMD Phenom II X3 B77	3067	1401	137.64	\$22.29*
AMD Phenom II X4 805	2998	1420	17.23	\$173.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 810	3120	1382	26.90	\$115.99*
AMD Phenom II X4 820	3393	1296	45.28	\$74.95*
AMD Phenom II X4 830	3434	1286	42.95	\$79.95*
AMD Phenom II X4 840	3508	1269	39.00	\$89.95*
AMD Phenom II X4 840T	3596	1242	51.39	\$69.99*
AMD Phenom II X4 850	3547	1252	54.59	\$64.99*
AMD Phenom II X4 8700e	2377	1639	NA	NA
AMD Phenom II X4 900e	2882	1470	NA	NA
AMD Phenom II X4 905e	3080	1396	57.06	\$53.99*
AMD Phenom II X4 910	3247	1335	32.48	\$100.00*
AMD Phenom II X4 910e	3254	1333	20.73	\$156.99*
AMD Phenom II X4 920	3389	1297	42.38	\$79.99*
AMD Phenom II X4 925	3411	1290	77.56	\$43.99*
AMD Phenom II X4 940	3588	1247	60.47	\$59.34*
AMD Phenom II X4 945	3652	1233	53.62	\$68.11
AMD Phenom II X4 955	3916	1170	30.09	\$130.16*
AMD Phenom II X4 960T	3772	1196	8.04	\$469.00
AMD Phenom II X4 965	4177	1116	49.72	\$84.01*
AMD Phenom II X4 970	4313	1091	29.12	\$148.11*
AMD Phenom II X4 973	3759	1203	NA	NA
AMD Phenom II X4 975	4450	1060	31.86	\$139.69*
AMD Phenom II X4 977	3750	1207	NA	NA
AMD Phenom II X4 980	4488	1052	19.52	\$229.99*
AMD Phenom II X4 B05e	2792	1495	NA	NA
AMD Phenom II X4 B15e	2736	1514	NA	NA
AMD Phenom II X4 B25	3297	1323	NA	NA
AMD Phenom II X4 B35	3387	1299	NA	NA
AMD Phenom II X4 B40	3352	1306	NA	NA
AMD Phenom II X4 B45	3470	1278	NA	NA
AMD Phenom II X4 B50	3696	1221	NA	NA
AMD Phenom II X4 B55	3853	1177	NA	NA
AMD Phenom II X4 B60	4032	1140	NA	NA
AMD Phenom II X4 B65	4172	1117	NA	NA
AMD Phenom II X4 B70	4261	1099	NA	NA
AMD Phenom II X4 B93	3345	1308	NA	NA
AMD Phenom II X4 B95	3676	1226	50.40	\$72.95*
AMD Phenom II X4 B97	3868	1173	67.87	\$56.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B99	4126	1124	NA	NA
AMD Phenom II X6 1035T	4664	1008	24.68	\$189.00*
AMD Phenom II X6 1045T	4795	989	44.39	\$108.01*
AMD Phenom II X6 1055T	4965	957	45.53	\$109.05*
AMD Phenom II X6 1065T	5028	942	NA	NA
AMD Phenom II X6 1075T	5325	894	47.13	\$112.99*
AMD Phenom II X6 1090T	5559	853	36.09	\$154.04*
AMD Phenom II X6 1100T	5706	833	32.15	\$177.49*
AMD Phenom II X6 1405T	5042	940	NA	NA
AMD Phenom II X620 Dual-Core	2189	1717	NA	NA
AMD Phenom II X640 Dual-Core	2021	1785	NA	NA
AMD Phenom II X920 Quad-Core	2650	1539	NA	NA
AMD Phenom II X940 Quad-Core	2695	1525	NA	NA
AMD Phenom Ultra X4 24500	3945	1160	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1947	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1710	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1914	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2217	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	2076	NA	NA
AMD Phenom X3 8550	1931	1829	11.36	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1909	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1796	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1699	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2897	1464	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1522	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	1527	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2199	NA	NA
AMD PRO A10-8700B	3530	1259	NA	NA
AMD PRO A10-8730B	3953	1156	NA	NA
AMD PRO A10-8750B	5473	867	NA	NA
AMD PRO A10-8770	5707	831	NA	NA
AMD PRO A10-8770E	5035	941	NA	NA
AMD PRO A10-8850B	5852	812	NA	NA
AMD PRO A10-9700	5599	846	33.13	\$169.00*
AMD PRO A10-9700B	4380	1073	NA	NA
AMD PRO A10-9700E	5066	932	36.45	\$139.00*
AMD PRO A12-8800B	4111	1127	NA	NA
AMD PRO A12-8830B	4259	1100	NA	NA
AMD PRO A12-8870	6067	794	NA	NA
AMD PRO A12-8870E	5186	912	NA	NA
AMD PRO A12-9800	6132	782	36.29	\$169.00*
AMD PRO A12-9800B	4095	1131	NA	NA
AMD PRO A12-9800E	4769	993	28.22	\$169.00*
AMD PRO A4-3350B APU	2274	1678	NA	NA
AMD PRO A4-4350B	1502	2051	NA	NA
AMD PRO A4-8350B	2776	1500	NA	NA
AMD PRO A6-7350B	2759	1507	NA	NA
AMD PRO A6-8500B	2516	1587	NA	NA
AMD PRO A6-8530B	2388	1635	NA	NA
AMD PRO A6-8550B	2970	1431	NA	NA
AMD PRO A6-8570	3088	1393	NA	NA
AMD PRO A6-8570E	2824	1483	NA	NA
AMD PRO A6-9500	2950	1437	39.88	\$74.00*
AMD PRO A6-9500B	2076	1760	NA	NA
AMD PRO A6-9500E	2717	1519	36.73	\$74.00*
AMD PRO A8-8600B	3518	1267	NA	NA
AMD PRO A8-8650B	5223	905	NA	NA
AMD PRO A8-8670E	5015	947	NA	NA
AMD PRO A8-9600	5277	897	44.35	\$119.00*
AMD PRO A8-9600B	3964	1152	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD QC-4000	1663	1971	NA	NA
AMD R-260H APU	1576	2013	NA	NA
AMD R-272F APU	2007	1791	NA	NA
AMD R-460L APU	1954	1815	NA	NA
AMD R-464L APU	3117	1384	NA	NA
AMD RX-427BB	4364	1077	NA	NA
AMD Ryzen 3 1200	6797	714	123.62	\$54.99
AMD Ryzen 3 1300X	7562	644	56.26	\$134.42
AMD Ryzen 3 2200G	7334	665	94.06	\$77.98
AMD Ryzen 3 2200GE	6976	697	NA	NA
AMD Ryzen 3 2200U	4586	1031	NA	NA
AMD Ryzen 3 2300U	6118	783	NA	NA
AMD Ryzen 3 2300X	8346	562	NA	NA
AMD Ryzen 3 3200G	7909	604	85.24	\$92.79
AMD Ryzen 3 3200U	4624	1020	NA	NA
AMD Ryzen 3 3300U	6143	780	NA	NA
AMD Ryzen 3 PRO 1200	7075	688	NA	NA
AMD Ryzen 3 PRO 1300	7994	595	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	923	NA	NA
AMD Ryzen 3 PRO 2200G	8040	587	NA	NA
AMD Ryzen 3 PRO 2200GE	7458	651	NA	NA
AMD Ryzen 3 PRO 2300U	7063	690	NA	NA
AMD Ryzen 3 PRO 3200G	8528	540	NA	NA
AMD Ryzen 3 PRO 3200GE	8298	564	NA	NA
AMD Ryzen 3 PRO 3300U	6941	703	NA	NA
AMD Ryzen 5 1400	8368	555	62.68	\$133.51
AMD Ryzen 5 1500X	10112	376	76.75	\$131.75
AMD Ryzen 5 1600	12288	276	94.53	\$129.99
AMD Ryzen 5 1600X	13203	243	89.82	\$146.99
AMD Ryzen 5 2400G	9326	455	72.87	\$127.99
AMD Ryzen 5 2400GE	9044	486	NA	NA
AMD Ryzen 5 2500U	7348	663	NA	NA
AMD Ryzen 5 2500X	9704	420	NA	NA
AMD Ryzen 5 2600	13513	236	112.62	\$119.99
AMD Ryzen 5 2600H	8366	557	NA	NA
AMD Ryzen 5 2600X	14362	202	102.59	\$139.99
AMD Ryzen 5 3400G	9988	388	71.35	\$139.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 3500	14210	208	NA	NA
AMD Ryzen 5 3500U	7842	613	NA	NA
AMD Ryzen 5 3500X	16542	139	NA	NA
AMD Ryzen 5 3550H	8402	553	NA	NA
AMD Ryzen 5 3580U	8030	590	NA	NA
AMD Ryzen 5 3600	19872	84	104.60	\$189.99
AMD Ryzen 5 3600X	20469	75	83.55	\$244.99
AMD Ryzen 5 PRO 1500	10133	373	NA	NA
AMD Ryzen 5 PRO 1600	12213	280	NA	NA
AMD Ryzen 5 PRO 2400G	9984	390	NA	NA
AMD Ryzen 5 PRO 2400GE	8447	547	NA	NA
AMD Ryzen 5 PRO 2500U	8179	573	NA	NA
AMD Ryzen 5 PRO 2600	14221	205	NA	NA
AMD Ryzen 5 PRO 3400G	10833	330	NA	NA
AMD Ryzen 5 PRO 3400GE	10519	350	NA	NA
AMD Ryzen 5 PRO 3500U	8364	558	NA	NA
AMD Ryzen 5 PRO 3600	21586	62	NA	NA
AMD Ryzen 7 1700	13930	216	52.77	\$263.99
AMD Ryzen 7 1700X	14814	190	87.15	\$169.99
AMD Ryzen 7 1800X	15543	172	42.11	\$369.13
AMD Ryzen 7 2700	15069	183	88.65	\$169.99
AMD Ryzen 7 2700E	13410	240	NA	NA
AMD Ryzen 7 2700U	7414	659	NA	NA
AMD Ryzen 7 2700X	16954	130	77.07	\$219.99
AMD Ryzen 7 2800H	8498	544	NA	NA
AMD Ryzen 7 3700U	8041	586	NA	NA
AMD Ryzen 7 3700X	23861	44	79.54	\$299.99
AMD Ryzen 7 3750H	8885	507	NA	NA
AMD Ryzen 7 3780U	7870	608	NA	NA
AMD Ryzen 7 3800X	24577	37	63.02	\$389.99
AMD Ryzen 7 PRO 1700	14112	210	NA	NA
AMD Ryzen 7 PRO 1700X	15324	177	NA	NA
AMD Ryzen 7 PRO 2700	15399	176	NA	NA
AMD Ryzen 7 PRO 2700U	8877	508	NA	NA
AMD Ryzen 7 PRO 2700X	17161	126	NA	NA
AMD Ryzen 7 PRO 3700	26231	24	NA	NA
AMD Ryzen 7 PRO 3700U	8609	535	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 9 3900	30679	10	NA	NA
AMD Ryzen 9 3900X	31916	7	58.03	\$549.99
AMD Ryzen 9 3950X	36036	4	NA	NA
AMD Ryzen 9 PRO 3900	32889	6	NA	NA
AMD Ryzen Embedded R1505G	4578	1032	NA	NA
AMD Ryzen Embedded V1202B	4447	1062	NA	NA
AMD Ryzen Embedded V1605B	7124	684	NA	NA
AMD Ryzen Embedded V1756B	8559	537	NA	NA
AMD Ryzen Embedded V1807B	8528	541	NA	NA
AMD Ryzen Threadripper 1900X	16108	153	100.68	\$159.99
AMD Ryzen Threadripper 1920X	20056	82	95.51	\$209.99
AMD Ryzen Threadripper 1950X	21948	58	44.79	\$489.99*
AMD Ryzen Threadripper 2920X	22054	56	49.01	\$449.99
AMD Ryzen Threadripper 2950X	25283	32	37.18	\$679.99
AMD Ryzen Threadripper 2970WX	21955	57	24.00	\$914.99
AMD Ryzen Threadripper 2990WX	23227	49	13.47	\$1,724.99
AMD Ryzen Threadripper 2990X	19227	101	NA	NA
AMD Ryzen Threadripper 3960X	47050	2	NA	NA
AMD Sempron 130	700	2484	28.03	\$24.99*
AMD Sempron 140	739	2466	18.69	\$39.59*
AMD Sempron 145	807	2437	8.51	\$94.92
AMD Sempron 150	747	2460	16.64	\$44.95*
AMD Sempron 200U	267	2869	3.08	\$87.00*
AMD Sempron 2100+	392	2713	NA	NA
AMD Sempron 210U	391	2715	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2200+	282	2849	9.42	\$29.99*
AMD Sempron 2300+	318	2790	7.07	\$45.00*
AMD Sempron 240	2110	1747	36.39	\$58.00
AMD Sempron 2400+	314	2797	12.10	\$26.00*
AMD Sempron 2500+	335	2772	6.11	\$54.95*
AMD Sempron 2600+	374	2730	10.71	\$34.95
AMD Sempron 2650 APU	951	2359	14.65	\$64.95
AMD Sempron 2800+	383	2720	6.40	\$59.95
AMD Sempron 3000+	408	2686	8.17	\$49.95
AMD Sempron 3100+	452	2640	7.53	\$60.00*
AMD Sempron 3200+	406	2688	3.10	\$131.22*
AMD Sempron 3300+	484	2610	8.07	\$60.00*
AMD Sempron 3400+	454	2638	15.21	\$29.89
AMD Sempron 3500+	379	2723	18.98	\$20.00*
AMD Sempron 3600+	483	2612	40.30	\$12.00*
AMD Sempron 3800+	554	2556	3.62	\$152.92*
AMD Sempron 3850 APU	1715	1932	23.54	\$72.90
AMD Sempron Dual Core 2100	936	2371	24.02	\$39.00*
AMD Sempron Dual Core 2200	995	2327	NA	NA
AMD Sempron Dual Core 2300	982	2335	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2362	NA	NA
AMD Sempron Dual Core 4900	1081	2278	NA	NA
AMD Sempron LE-1100	437	2658	NA	NA
AMD Sempron LE-1150	444	2650	NA	NA
AMD Sempron LE-1200	531	2569	NA	NA
AMD Sempron LE-1250	543	2561	5.44	\$99.95*
AMD Sempron LE-1300	595	2533	28.37	\$21.00
AMD Sempron LE-1600	535	2566	NA	NA
AMD Sempron LE-1620	635	2514	NA	NA
AMD Sempron LE-1640	759	2456	NA	NA
AMD Sempron LE-250	490	2599	NA	NA
AMD Sempron M100	566	2552	47.17	\$12.00*
AMD Sempron M120	582	2541	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron SI-40	447	2647	37.27	\$12.00*
AMD Sempron SI-42	456	2637	15.22	\$30.01*
AMD Sempron X2 180	1391	2094	20.05	\$69.40*
AMD Sempron X2 190	1534	2031	18.39	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	2087	NA	NA
AMD Turion 64 Mobile MK-36	465	2625	NA	NA
AMD Turion 64 Mobile MK-38	513	2582	NA	NA
AMD Turion 64 Mobile ML-28	390	2717	NA	NA
AMD Turion 64 Mobile ML-30	402	2697	NA	NA
AMD Turion 64 Mobile ML-32	402	2695	NA	NA
AMD Turion 64 Mobile ML-34	425	2672	NA	NA
AMD Turion 64 Mobile ML-37	446	2648	2.27	\$196.50*
AMD Turion 64 Mobile ML-40	522	2576	NA	NA
AMD Turion 64 Mobile ML-42	615	2523	NA	NA
AMD Turion 64 Mobile ML-44	591	2534	NA	NA
AMD Turion 64 Mobile MT-28	419	2675	NA	NA
AMD Turion 64 Mobile MT-30	378	2724	NA	NA
AMD Turion 64 Mobile MT-32	426	2671	NA	NA
AMD Turion 64 Mobile MT-34	429	2667	NA	NA
AMD Turion 64 Mobile MT-37	484	2609	NA	NA
AMD Turion 64 Mobile MT-40	536	2565	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2462	14.95	\$49.99*
AMD Turion 64 X2 Mobile TL-52	763	2451	NA	NA
AMD Turion 64 X2 Mobile TL-56	891	2397	63.89	\$13.95*
AMD Turion 64 X2 Mobile TL-58	947	2366	NA	NA
AMD Turion 64 X2 Mobile TL-60	998	2323	62.61	\$15.95*
AMD Turion 64 X2 Mobile TL-62	1092	2269	3.51	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1090	2270	27.69	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1141	2243	3.02	\$378.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 X2 Mobile TL-68	1162	2230	12.92	\$90.00*
AMD Turion Dual-Core RM-70	912	2387	36.49	\$25.00*
AMD Turion Dual-Core RM-72	860	2406	21.52	\$39.99*
AMD Turion Dual-Core RM-74	1016	2312	NA	NA
AMD Turion Dual-Core RM-75	1003	2319	36.53	\$27.46*
AMD Turion II Dual-Core Mobile M500	1293	2149	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2141	18.91	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	2126	NA	NA
AMD Turion II N530 Dual-Core	1567	2017	52.24	\$30.00*
AMD Turion II N550 Dual-Core	1521	2034	NA	NA
AMD Turion II Neo K625 Dual-Core	977	2338	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	2214	NA	NA
AMD Turion II Neo N40L Dual-Core	930	2374	NA	NA
AMD Turion II Neo N54L Dual-Core	1363	2111	NA	NA
AMD Turion II P520 Dual-Core	1360	2113	NA	NA
AMD Turion II P540 Dual-Core	1432	2079	28.67	\$49.95*
AMD Turion II P560 Dual-Core	1515	2041	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	2089	52.55	\$26.76*
AMD Turion II Ultra Dual-Core Mobile M620	1435	2077	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1670	1962	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	2032	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2433	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 L510	923	2380	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2408	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2287	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	994	2331	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1084	2274	4.84	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1062	2286	43.40	\$24.47*
AMD Turion X2 Dual-Core Mobile RM-75	1120	2248	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2239	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1023	2305	16.51	\$62.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2276	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2201	63.72	\$18.99
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2189	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1295	2148	23.56	\$55.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1205	2205	30.18	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2326	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2302	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	2069	NA	NA
AMD V105	299	2817	NA	NA
AMD V120	623	2521	NA	NA
AMD V140	643	2511	12.89	\$49.95*
AMD V160	677	2496	NA	NA
AMD Z-01	523	2575	NA	NA
AMD Z-60 APU	500	2592	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD-K6 3D	90	2993	NA	NA
AMD-K6-III	108	2990	NA	NA
AMD-K7	403	2694	NA	NA
Athlon 64 Dual Core 3800+	1234	2190	NA	NA
Athlon 64 Dual Core 4200+	1156	2234	5.64	\$204.95*
Athlon 64 Dual Core 4800+	1370	2107	NA	NA
Athlon 64 Dual Core 5000+	1507	2046	NA	NA
Athlon 64 Dual Core 5400+	1614	1997	NA	NA
Athlon 64 Dual Core 5600+	1548	2024	NA	NA
Athlon Dual Core 4050e	968	2344	NA	NA
Athlon Dual Core 4450e	1204	2206	NA	NA
Athlon Dual Core 4850e	1346	2121	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1477	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1085	2273	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1174	2220	27.97	\$42.00*
Celeron Dual-Core T3300 @ 2.00GHz	1200	2209	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1274	2168	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2203	NA	NA
HP Hexa-Core 2.0GHz	2178	1718	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2409	NA	NA
Intel 1400 @ 1.83GHz	980	2336	NA	NA
Intel 1500 @ 2.00GHz	1024	2303	NA	NA
Intel 2.80GHz	525	2573	NA	NA
Intel Atom 230 @ 1.60GHz	307	2804	NA	NA
Intel Atom 330 @ 1.60GHz	586	2538	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2395	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2352	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1756	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2141	1731	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1721	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3768	1198	16.24	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1309	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C2758 @ 2.40GHz	3162	1367	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1611	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1579	29.52	\$86.00*
Intel Atom C3858 @ 2.00GHz	4852	980	14.62	\$332.00*
Intel Atom C3958 @ 2.00GHz	6586	739	14.67	\$449.00*
Intel Atom D2500 @ 1.86GHz	403	2692	NA	NA
Intel Atom D2550 @ 1.86GHz	683	2494	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2476	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2418	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2473	NA	NA
Intel Atom D410 @ 1.66GHz	301	2813	0.47	\$635.99*
Intel Atom D425 @ 1.80GHz	345	2765	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	658	2504	6.78	\$97.16*
Intel Atom D525 @ 1.80GHz	705	2480	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2779	1.58	\$209.99
Intel Atom E3825 @ 1.33GHz	579	2543	8.24	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2600	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2414	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	2231	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	2048	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1861	NA	NA
Intel Atom E3950 @ 1.60GHz	1876	1857	NA	NA
Intel Atom E660 @ 1.30GHz	271	2864	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2762	NA	NA
Intel Atom K510 @ 1.66GHz	658	2503	NA	NA
Intel Atom N2100 @ 1.60GHz	302	2809	NA	NA
Intel Atom N2600 @ 1.60GHz	527	2571	NA	NA
Intel Atom N270 @ 1.60GHz	269	2868	NA	NA
Intel Atom N280 @ 1.66GHz	282	2846	NA	NA
Intel Atom N2800 @ 1.86GHz	625	2520	NA	NA
Intel Atom N435 @ 1.33GHz	261	2876	NA	NA
Intel Atom N450 @ 1.66GHz	296	2823	NA	NA
Intel Atom N455 @ 1.66GHz	283	2845	NA	NA
Intel Atom N470 @ 1.83GHz	332	2778	NA	NA
Intel Atom N475 @ 1.83GHz	314	2795	NA	NA
Intel Atom N550 @ 1.50GHz	524	2574	6.10	\$86.00*
Intel Atom N570 @ 1.66GHz	574	2548	6.68	\$86.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom S1260 @ 2.00GHz	916	2383	14.32	\$64.00*
Intel Atom T5700 @ 1.70GHz	2039	1776	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2434	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1578	2012	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1191	2212	8.96	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1029	2300	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1275	2167	60.75	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1696	1948	27.11	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1835	1879	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1890	1850	25.68	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1894	1846	NA	NA
Intel Atom Z2760 @ 1.80GHz	568	2551	NA	NA
Intel Atom Z3735D @ 1.33GHz	937	2370	NA	NA
Intel Atom Z3735E @ 1.33GHz	948	2363	8.10	\$117.00*
Intel Atom Z3735F @ 1.33GHz	914	2384	5.04	\$181.30*
Intel Atom Z3735G @ 1.33GHz	906	2391	NA	NA
Intel Atom Z3736F @ 1.33GHz	912	2386	NA	NA
Intel Atom Z3740 @ 1.33GHz	1068	2283	NA	NA
Intel Atom Z3740D @ 1.33GHz	1011	2313	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2281	35.98	\$30.00*
Intel Atom Z3745D @ 1.33GHz	1018	2310	NA	NA
Intel Atom Z3770 @ 1.46GHz	1252	2180	8.38	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2438	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3775 @ 1.46GHz	1276	2166	36.46	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	2162	NA	NA
Intel Atom Z3795 @ 1.60GHz	1804	1892	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2944	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2919	NA	NA
Intel Atom Z520 @ 1.33GHz	217	2920	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2853	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2759	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2721	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2900	NA	NA
Intel Celeron 1.70GHz	130	2983	NA	NA
Intel Celeron 1.80GHz	136	2980	NA	NA
Intel Celeron 1000M @ 1.80GHz	1673	1959	NA	NA
Intel Celeron 1000MHz	213	2924	NA	NA
Intel Celeron 1005M @ 1.90GHz	1808	1889	NA	NA
Intel Celeron 1007U @ 1.50GHz	1390	2096	7.52	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1508	2045	NA	NA
Intel Celeron 1019Y @ 1.00GHz	954	2357	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1700	NA	NA
Intel Celeron 1037U @ 1.80GHz	1736	1923	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2213	NA	NA
Intel Celeron 1066MHz	259	2878	NA	NA
Intel Celeron 1100MHz	174	2962	NA	NA
Intel Celeron 1133MHz	282	2847	NA	NA
Intel Celeron 1200MHz	244	2899	NA	NA
Intel Celeron 1300MHz	288	2836	NA	NA
Intel Celeron 1333MHz	290	2830	NA	NA
Intel Celeron 1400MHz	302	2810	NA	NA
Intel Celeron 2.00GHz	182	2956	NA	NA
Intel Celeron 2.10GHz	244	2898	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	2930	NA	NA
Intel Celeron 2.20GHz	213	2925	NA	NA
Intel Celeron 2.26GHz	223	2915	NA	NA
Intel Celeron 2.30GHz	227	2912	NA	NA
Intel Celeron 2.40GHz	217	2921	NA	NA
Intel Celeron 2.50GHz	247	2892	NA	NA
Intel Celeron 2.53GHz	245	2896	NA	NA
Intel Celeron 2.60GHz	238	2902	NA	NA
Intel Celeron 2.66GHz	249	2890	NA	NA
Intel Celeron 2.70GHz	245	2897	NA	NA
Intel Celeron 2.80GHz	254	2882	NA	NA
Intel Celeron 2.93GHz	283	2844	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1645	NA	NA
Intel Celeron 2002E @ 1.50GHz	1605	2000	18.67	\$86.00*
Intel Celeron 215 @ 1.33GHz	322	2785	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2787	NA	NA
Intel Celeron 2950M @ 2.00GHz	1984	1799	NA	NA
Intel Celeron 2955U @ 1.40GHz	1413	2088	NA	NA
Intel Celeron 2957U @ 1.40GHz	1433	2078	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2256	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1660	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	2009	NA	NA
Intel Celeron 2981U @ 1.60GHz	1364	2109	NA	NA
Intel Celeron 3.06GHz	284	2842	NA	NA
Intel Celeron 3.20GHz	288	2834	NA	NA
Intel Celeron 3.33GHz	333	2776	NA	NA
Intel Celeron 3205U @ 1.50GHz	1503	2049	5.24	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1652	1977	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	1943	NA	NA
Intel Celeron 3765U @ 1.90GHz	1948	1819	NA	NA
Intel Celeron 3855U @ 1.60GHz	1685	1954	NA	NA
Intel Celeron 3865U @ 1.80GHz	1918	1836	NA	NA
Intel Celeron 3867U @ 1.80GHz	1852	1869	17.31	\$107.00*
Intel Celeron 3955U @ 2.00GHz	1943	1822	NA	NA
Intel Celeron 3965U @ 2.20GHz	2369	1643	22.14	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1607	1999	15.03	\$107.00*
Intel Celeron 420 @ 1.60GHz	451	2641	11.29	\$39.99*
Intel Celeron 4205U @ 1.80GHz	1977	1802	18.48	\$107.00*
Intel Celeron 430 @ 1.80GHz	487	2601	10.33	\$47.18
Intel Celeron 440 @ 2.00GHz	544	2558	24.38	\$22.33
Intel Celeron 450 @ 2.20GHz	626	2517	20.90	\$29.99*
Intel Celeron 530 @ 1.73GHz	474	2619	20.62	\$22.99*
Intel Celeron 540 @ 1.86GHz	521	2577	NA	NA
Intel Celeron 550 @ 2.00GHz	519	2578	7.99	\$64.95*
Intel Celeron 560 @ 2.13GHz	531	2568	6.65	\$79.95
Intel Celeron 570 @ 2.26GHz	517	2579	NA	NA
Intel Celeron 600MHz	147	2976	NA	NA
Intel Celeron 723 @ 1.20GHz	390	2716	NA	NA
Intel Celeron 743 @ 1.30GHz	421	2674	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2459	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2737	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2524	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2372	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1021	2307	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2241	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 867 @ 1.30GHz	1173	2223	39.12	\$29.99*
Intel Celeron 877 @ 1.40GHz	1291	2151	NA	NA
Intel Celeron 887 @ 1.50GHz	1276	2165	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2497	23.34	\$28.99
Intel Celeron 925 @ 2.30GHz	689	2489	NA	NA
Intel Celeron @ 1.30GHz	965	2345	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2950	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2431	NA	NA
Intel Celeron B800 @ 1.50GHz	1277	2164	NA	NA
Intel Celeron B810 @ 1.60GHz	1395	2093	NA	NA
Intel Celeron B815 @ 1.60GHz	1364	2110	NA	NA
Intel Celeron B820 @ 1.70GHz	1431	2081	36.43	\$39.29*
Intel Celeron B830 @ 1.80GHz	1512	2044	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1929	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2866	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2811	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2792	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2771	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2691	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2613	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2539	NA	NA
Intel Celeron E1200 @ 1.60GHz	860	2407	8.60	\$99.99
Intel Celeron E1400 @ 2.00GHz	1053	2290	15.05	\$69.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron E1500 @ 2.20GHz	1168	2226	59.47	\$19.65
Intel Celeron E1600 @ 2.40GHz	1255	2176	NA	NA
Intel Celeron E3200 @ 2.40GHz	1382	2099	26.59	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1389	2097	55.62	\$24.98
Intel Celeron E3400 @ 2.60GHz	1439	2075	2.36	\$610.00*
Intel Celeron E3500 @ 2.70GHz	1454	2068	36.37	\$39.99*
Intel Celeron G1101 @ 2.27GHz	1667	1967	84.34	\$19.77*
Intel Celeron G1610 @ 2.60GHz	2488	1600	52.94	\$47.00
Intel Celeron G1610T @ 2.30GHz	2256	1689	56.35	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2576	1562	39.65	\$64.99
Intel Celeron G1620T @ 2.40GHz	2362	1647	56.26	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2493	1598	35.63	\$69.99
Intel Celeron G1820 @ 2.70GHz	2749	1511	61.11	\$44.99
Intel Celeron G1820T @ 2.40GHz	2495	1597	59.42	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1736	NA	NA
Intel Celeron G1830 @ 2.80GHz	2568	1567	27.05	\$94.95*
Intel Celeron G1840 @ 2.80GHz	2860	1474	28.61	\$99.98
Intel Celeron G1840T @ 2.50GHz	2554	1572	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1453	36.38	\$79.99*
Intel Celeron G3900 @ 2.80GHz	3131	1377	56.94	\$54.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3900E @ 2.40GHz	2679	1530	25.05	\$107.00*
Intel Celeron G3900T @ 2.60GHz	2925	1449	26.01	\$112.46*
Intel Celeron G3900TE @ 2.30GHz	2591	1556	61.71	\$42.00*
Intel Celeron G3920 @ 2.90GHz	3129	1379	27.45	\$113.99*
Intel Celeron G3930 @ 2.90GHz	3042	1409	33.96	\$89.59
Intel Celeron G3930T @ 2.70GHz	2766	1502	74.87	\$36.95
Intel Celeron G3930TE @ 2.70GHz	2970	1432	70.72	\$42.00*
Intel Celeron G3950 @ 3.00GHz	3049	1408	27.97	\$109.04
Intel Celeron G440 @ 1.60GHz	694	2486	13.90	\$49.99*
Intel Celeron G460 @ 1.80GHz	1035	2298	15.93	\$65.00
Intel Celeron G465 @ 1.90GHz	1064	2284	10.64	\$100.00*
Intel Celeron G470 @ 2.00GHz	1298	2146	NA	NA
Intel Celeron G4900 @ 3.10GHz	3293	1324	59.89	\$54.99
Intel Celeron G4900T @ 2.90GHz	3096	1389	73.72	\$42.00*
Intel Celeron G4920 @ 3.20GHz	3220	1346	42.10	\$76.50*
Intel Celeron G4930 @ 3.20GHz	3503	1270	56.56	\$61.95
Intel Celeron G530 @ 2.40GHz	2128	1737	53.22	\$39.99*
Intel Celeron G530T @ 2.00GHz	1717	1930	NA	NA
Intel Celeron G540 @ 2.50GHz	2197	1714	48.84	\$45.00*
Intel Celeron G540T @ 2.10GHz	2114	1744	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G550 @ 2.60GHz	2290	1669	28.63	\$80.00
Intel Celeron G550T @ 2.20GHz	2032	1780	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1621	22.23	\$109.00
Intel Celeron J1750 @ 2.41GHz	1037	2297	NA	NA
Intel Celeron J1800 @ 2.41GHz	1017	2311	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1994	NA	NA
Intel Celeron J1900 @ 1.99GHz	1852	1867	NA	NA
Intel Celeron J3060 @ 1.60GHz	975	2340	NA	NA
Intel Celeron J3160 @ 1.60GHz	1798	1895	NA	NA
Intel Celeron J3355 @ 2.00GHz	1155	2235	NA	NA
Intel Celeron J3455 @ 1.50GHz	2112	1746	6.04	\$349.99
Intel Celeron J4005 @ 2.00GHz	1551	2023	7.00	\$221.66
Intel Celeron J4105 @ 1.50GHz	2645	1541	24.72	\$107.00*
Intel Celeron M 1.00GHz	207	2931	1.60	\$129.95
Intel Celeron M 1.30GHz	316	2791	NA	NA
Intel Celeron M 1.50GHz	343	2767	NA	NA
Intel Celeron M 1.60GHz	362	2748	NA	NA
Intel Celeron M 1.70GHz	393	2711	NA	NA
Intel Celeron M 1200MHz	275	2861	NA	NA
Intel Celeron M 1300MHz	303	2807	NA	NA
Intel Celeron M 1500MHz	333	2777	NA	NA
Intel Celeron M 360 1.40GHz	328	2781	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2793	NA	NA
Intel Celeron M 420 @ 1.60GHz	334	2775	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 430 @ 1.73GHz	368	2739	NA	NA
Intel Celeron M 440 @ 1.86GHz	392	2712	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2884	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2643	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2666	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2628	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2562	NA	NA
Intel Celeron M 600MHz	151	2974	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2636	NA	NA
Intel Celeron M 900MHz	205	2932	NA	NA
Intel Celeron M ULV 800MHz	184	2954	NA	NA
Intel Celeron N2805 @ 1.46GHz	460	2633	NA	NA
Intel Celeron N2806 @ 1.60GHz	802	2439	NA	NA
Intel Celeron N2807 @ 1.58GHz	861	2405	NA	NA
Intel Celeron N2808 @ 1.58GHz	907	2390	NA	NA
Intel Celeron N2810 @ 2.00GHz	788	2444	5.64	\$139.99*
Intel Celeron N2815 @ 1.86GHz	856	2411	NA	NA
Intel Celeron N2820 @ 2.13GHz	937	2369	8.53	\$109.99
Intel Celeron N2830 @ 2.16GHz	965	2346	NA	NA
Intel Celeron N2840 @ 2.16GHz	1002	2320	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	2207	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2920 @ 1.86GHz	1514	2043	NA	NA
Intel Celeron N2930 @ 1.83GHz	1658	1974	NA	NA
Intel Celeron N2940 @ 1.83GHz	1722	1926	NA	NA
Intel Celeron N3000 @ 1.04GHz	899	2393	NA	NA
Intel Celeron N3010 @ 1.04GHz	978	2337	NA	NA
Intel Celeron N3050 @ 1.60GHz	880	2398	5.26	\$167.58
Intel Celeron N3060 @ 1.60GHz	983	2334	NA	NA
Intel Celeron N3150 @ 1.60GHz	1666	1968	NA	NA
Intel Celeron N3160 @ 1.60GHz	1666	1969	5.95	\$279.99
Intel Celeron N3350 @ 1.10GHz	1113	2254	NA	NA
Intel Celeron N3450 @ 1.10GHz	1850	1870	11.63	\$159.14
Intel Celeron N4000 @ 1.10GHz	1431	2080	13.38	\$107.00*
Intel Celeron N4100 @ 1.10GHz	2259	1686	21.12	\$107.00*
Intel Celeron P4500 @ 1.87GHz	1116	2250	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2329	NA	NA
Intel Celeron P4600 @ 2.00GHz	1328	2130	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2448	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2361	47.54	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2288	35.29	\$29.99*
Intel Celeron U1900 @ 1.99GHz	1704	1942	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron U3400 @ 1.07GHz	721	2471	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2491	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2436	NA	NA
Intel Core 330 @ 1.60GHz	643	2510	NA	NA
Intel Core 860 @ 2.80GHz	4555	1035	28.65	\$159.00*
Intel Core Duo L2300 @ 1.50GHz	719	2474	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2482	NA	NA
Intel Core Duo L2500 @ 1.83GHz	747	2461	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2488	NA	NA
Intel Core Duo T2250 @ 1.73GHz	755	2457	NA	NA
Intel Core Duo T2300 @ 1.66GHz	727	2469	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2452	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2443	49.63	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	825	2426	NA	NA
Intel Core Duo T2500 @ 2.00GHz	863	2404	7.19	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	944	2368	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2304	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2560	NA	NA
Intel Core Duo U2500 @ 1.20GHz	507	2588	NA	NA
Intel Core i3-1005G1 @ 1.20GHz	5929	804	21.10	\$281.00*
Intel Core i3-10110U @ 2.10GHz	6026	797	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2100 @ 3.10GHz	3692	1224	76.55	\$48.24
Intel Core i3-2100T @ 2.50GHz	2980	1425	49.68	\$59.99*
Intel Core i3-2102 @ 3.10GHz	3736	1211	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3712	1218	32.29	\$114.99*
Intel Core i3-21050 @ 3.10GHz	3862	1175	NA	NA
Intel Core i3-2120 @ 3.30GHz	3931	1165	98.32	\$39.99
Intel Core i3-2120T @ 2.60GHz	3155	1369	126.28	\$24.99
Intel Core i3-2125 @ 3.30GHz	4015	1142	19.40	\$207.00*
Intel Core i3-2130 @ 3.40GHz	4072	1134	66.77	\$60.99
Intel Core i3-2140 @ 3.50GHz	4325	1086	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1476	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2432	1618	62.67	\$38.81
Intel Core i3-2312M @ 2.10GHz	2374	1641	NA	NA
Intel Core i3-2328M @ 2.20GHz	2545	1574	27.38	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1399	NA	NA
Intel Core i3-2330M @ 2.20GHz	2528	1582	126.51	\$19.99
Intel Core i3-2332M @ 2.20GHz	2382	1638	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1928	NA	NA
Intel Core i3-2348M @ 2.30GHz	2621	1547	NA	NA
Intel Core i3-2350M @ 2.30GHz	2629	1545	82.48	\$31.88
Intel Core i3-2357M @ 1.30GHz	1556	2021	NA	NA
Intel Core i3-2365M @ 1.40GHz	1682	1955	NA	NA
Intel Core i3-2367M @ 1.40GHz	1708	1940	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2370M @ 2.40GHz	2779	1499	69.82	\$39.81*
Intel Core i3-2375M @ 1.50GHz	1773	1903	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1884	NA	NA
Intel Core i3-3110M @ 2.40GHz	3081	1395	38.55	\$79.95*
Intel Core i3-3120M @ 2.50GHz	3225	1344	29.32	\$110.00*
Intel Core i3-3130M @ 2.60GHz	3389	1298	NA	NA
Intel Core i3-3210 @ 3.20GHz	4044	1138	20.33	\$199.00*
Intel Core i3-3217U @ 1.80GHz	2305	1664	10.02	\$229.99*
Intel Core i3-3217UE @ 1.60GHz	2162	1723	NA	NA
Intel Core i3-3220 @ 3.30GHz	4247	1102	77.25	\$54.99
Intel Core i3-3220T @ 2.80GHz	3695	1223	27.37	\$135.00
Intel Core i3-3225 @ 3.30GHz	4346	1079	13.37	\$324.99
Intel Core i3-3227U @ 1.90GHz	2468	1606	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1700	1945	NA	NA
Intel Core i3-3240 @ 3.40GHz	4318	1089	86.37	\$50.00
Intel Core i3-3240T @ 2.90GHz	3666	1230	NA	NA
Intel Core i3-3245 @ 3.40GHz	4467	1056	25.97	\$172.01
Intel Core i3-3250 @ 3.50GHz	4452	1059	63.60	\$70.00
Intel Core i3-3250T @ 3.00GHz	3614	1237	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1824	NA	NA
Intel Core i3-330M @ 2.13GHz	1784	1900	11.16	\$159.95*
Intel Core i3-330UM @ 1.20GHz	1075	2282	NA	NA
Intel Core i3-350M @ 2.27GHz	1891	1849	17.36	\$108.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-370M @ 2.40GHz	2015	1788	50.43	\$39.96*
Intel Core i3-380M @ 2.53GHz	2093	1751	34.92	\$59.95*
Intel Core i3-380UM @ 1.33GHz	1159	2232	NA	NA
Intel Core i3-390M @ 2.67GHz	2165	1722	55.59	\$38.95*
Intel Core i3-4000M @ 2.40GHz	3258	1332	16.29	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2447	1615	NA	NA
Intel Core i3-4010U @ 1.70GHz	2442	1616	16.28	\$149.99
Intel Core i3-4010Y @ 1.30GHz	1900	1844	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2157	1728	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2214	1707	NA	NA
Intel Core i3-4025U @ 1.90GHz	2789	1496	NA	NA
Intel Core i3-4030U @ 1.90GHz	2718	1518	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1592	NA	NA
Intel Core i3-4100M @ 2.50GHz	3432	1287	15.71	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3854	1176	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1460	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1407	NA	NA
Intel Core i3-4130 @ 3.40GHz	4805	986	53.40	\$89.99
Intel Core i3-4130T @ 2.90GHz	4152	1121	46.67	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4901	968	49.51	\$99.00
Intel Core i3-4150T @ 3.00GHz	4227	1104	18.39	\$229.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4158U @ 2.00GHz	2914	1451	NA	NA
Intel Core i3-4160 @ 3.60GHz	5049	937	56.11	\$89.99
Intel Core i3-4160T @ 3.10GHz	4465	1057	29.77	\$149.99*
Intel Core i3-4170 @ 3.70GHz	5189	911	19.45	\$266.79
Intel Core i3-4170T @ 3.20GHz	4489	1051	21.38	\$209.95*
Intel Core i3-4330 @ 3.50GHz	5087	925	12.72	\$399.95
Intel Core i3-4330T @ 3.00GHz	4485	1053	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1349	NA	NA
Intel Core i3-4340 @ 3.60GHz	5245	902	30.86	\$169.99*
Intel Core i3-4350 @ 3.60GHz	4990	952	29.36	\$169.99*
Intel Core i3-4350T @ 3.10GHz	4302	1093	NA	NA
Intel Core i3-4360 @ 3.70GHz	5446	871	21.03	\$259.00*
Intel Core i3-4360T @ 3.20GHz	4636	1014	NA	NA
Intel Core i3-4370 @ 3.80GHz	5617	841	18.18	\$309.00*
Intel Core i3-4370T @ 3.30GHz	4870	972	35.29	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	961	NA	NA
Intel Core i3-5005U @ 2.00GHz	2902	1458	NA	NA
Intel Core i3-5010U @ 2.10GHz	3058	1404	9.06	\$337.76*
Intel Core i3-5015U @ 2.10GHz	2976	1428	NA	NA
Intel Core i3-5020U @ 2.20GHz	3198	1351	6.97	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	1229	NA	NA
Intel Core i3-530 @ 2.93GHz	2565	1569	23.75	\$108.00
Intel Core i3-540 @ 3.07GHz	2685	1528	14.14	\$189.95
Intel Core i3-550 @ 3.20GHz	2829	1481	16.10	\$175.74
Intel Core i3-560 @ 3.33GHz	2935	1443	16.31	\$179.95

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	3075	1398	NA	NA
Intel Core i3-6098P @ 3.60GHz	5387	880	40.28	\$133.74*
Intel Core i3-6100 @ 3.70GHz	5483	864	42.51	\$128.99
Intel Core i3-6100E @ 2.70GHz	3769	1197	NA	NA
Intel Core i3-6100H @ 2.70GHz	4188	1111	NA	NA
Intel Core i3-6100T @ 3.20GHz	4858	979	35.99	\$134.99*
Intel Core i3-6100TE @ 2.70GHz	4315	1090	NA	NA
Intel Core i3-6100U @ 2.30GHz	3604	1241	7.00	\$515.00*
Intel Core i3-6102E @ 1.90GHz	3196	1354	14.20	\$225.00*
Intel Core i3-6157U @ 2.40GHz	3831	1183	NA	NA
Intel Core i3-6300 @ 3.80GHz	5843	815	18.85	\$309.99
Intel Core i3-6300T @ 3.30GHz	5247	901	33.86	\$154.99*
Intel Core i3-6320 @ 3.90GHz	6049	795	14.86	\$407.00
Intel Core i3-7020U @ 2.30GHz	3523	1262	12.54	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5776	821	48.14	\$120.00
Intel Core i3-7100H @ 3.00GHz	4627	1019	20.57	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5049	938	34.50	\$146.35
Intel Core i3-7100U @ 2.40GHz	3760	1202	10.45	\$359.99
Intel Core i3-7101TE @ 3.40GHz	5160	915	44.11	\$117.00*
Intel Core i3-7102E @ 2.10GHz	3266	1329	14.52	\$225.00*
Intel Core i3-7130U @ 2.70GHz	4062	1135	8.83	\$459.99*
Intel Core i3-7167U @ 2.80GHz	4757	994	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7300 @ 4.00GHz	6328	763	39.56	\$159.99
Intel Core i3-7300T @ 3.50GHz	5369	884	29.57	\$181.59*
Intel Core i3-7320 @ 4.10GHz	6417	755	35.12	\$182.72*
Intel Core i3-7350K @ 4.20GHz	6593	738	33.91	\$194.45
Intel Core i3-8100 @ 3.60GHz	8006	593	61.59	\$129.99
Intel Core i3-8100B @ 3.60GHz	8544	538	64.24	\$133.00*
Intel Core i3-8100T @ 3.10GHz	7305	667	56.63	\$129.00*
Intel Core i3-8109U @ 3.00GHz	6088	791	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	987	NA	NA
Intel Core i3-8130U @ 2.20GHz	5015	946	17.85	\$281.00*
Intel Core i3-8145U @ 2.10GHz	5509	859	19.61	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8700	524	44.81	\$194.19
Intel Core i3-8300T @ 3.20GHz	8032	589	47.11	\$170.49*
Intel Core i3-8350K @ 4.00GHz	9238	464	46.48	\$198.75
Intel Core i3-9100 @ 3.60GHz	8947	499	59.65	\$149.99
Intel Core i3-9100F @ 3.60GHz	8915	502	99.07	\$89.99
Intel Core i3-9100T @ 3.10GHz	7650	635	62.71	\$122.00*
Intel Core i3-9300 @ 3.70GHz	10018	383	65.91	\$152.00*
Intel Core i3-9300T @ 3.20GHz	8777	515	61.38	\$143.00*
Intel Core i3-9320 @ 3.70GHz	10144	371	62.62	\$162.00*
Intel Core i3-9350KF @ 4.00GHz	10526	349	56.17	\$187.41
Intel Core i5 750S @ 2.40GHz	2197	1715	21.97	\$99.99*
Intel Core i5 E 520 @ 2.40GHz	2486	1602	NA	NA
Intel Core i5-10210U @ 1.60GHz	8525	542	28.71	\$297.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-1035G1 @ 1.00GHz	8919	501	30.03	\$297.00*
Intel Core i5-1035G4 @ 1.10GHz	8820	512	28.55	\$309.00*
Intel Core i5-1035G7 @ 1.20GHz	9614	429	30.05	\$320.00*
Intel Core i5-2300 @ 2.80GHz	5364	886	67.06	\$79.99*
Intel Core i5-2310 @ 2.90GHz	5537	857	29.72	\$186.33*
Intel Core i5-2320 @ 3.00GHz	5775	823	62.10	\$93.00
Intel Core i5-2380P @ 3.10GHz	5743	829	31.91	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4223	1106	42.27	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5974	799	199.21	\$29.99
Intel Core i5-2400S @ 2.50GHz	4991	951	27.42	\$182.00
Intel Core i5-24050S @ 2.50GHz	4928	963	NA	NA
Intel Core i5-2405S @ 2.50GHz	5082	928	24.44	\$208.00*
Intel Core i5-2410M @ 2.30GHz	3172	1360	44.07	\$72.00*
Intel Core i5-2415M @ 2.30GHz	3303	1322	NA	NA
Intel Core i5-2430M @ 2.40GHz	3286	1325	36.92	\$89.02*
Intel Core i5-2435M @ 2.40GHz	3232	1340	NA	NA
Intel Core i5-2450M @ 2.50GHz	3401	1292	46.40	\$73.30*
Intel Core i5-2450P @ 3.20GHz	6149	779	68.34	\$89.99*
Intel Core i5-2467M @ 1.60GHz	2319	1654	NA	NA
Intel Core i5-2500 @ 3.30GHz	6353	760	115.52	\$55.00
Intel Core i5-2500K @ 3.30GHz	6488	747	14.94	\$434.26*
Intel Core i5-2500S @ 2.70GHz	5386	881	82.57	\$65.24

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2500T @ 2.30GHz	4647	1012	51.64	\$89.99*
Intel Core i5-2510E @ 2.50GHz	3483	1274	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1319	NA	NA
Intel Core i5-2520M @ 2.50GHz	3593	1244	21.19	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2064	1767	NA	NA
Intel Core i5-2540M @ 2.60GHz	3781	1195	65.18	\$58.02
Intel Core i5-2550K @ 3.40GHz	6672	731	35.12	\$190.00*
Intel Core i5-2557M @ 1.70GHz	2694	1526	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1205	NA	NA
Intel Core i5-3210M @ 2.50GHz	3828	1185	56.10	\$68.24*
Intel Core i5-3230M @ 2.60GHz	3945	1162	18.15	\$217.42*
Intel Core i5-3317U @ 1.70GHz	3091	1391	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4133	1123	59.21	\$69.81*
Intel Core i5-3330 @ 3.00GHz	5954	802	29.77	\$200.00*
Intel Core i5-3330S @ 2.70GHz	5678	834	59.78	\$94.99*
Intel Core i5-3335S @ 2.70GHz	5788	819	NA	NA
Intel Core i5-3337U @ 1.80GHz	3228	1343	14.35	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1706	NA	NA
Intel Core i5-3340 @ 3.10GHz	6102	787	20.83	\$293.01*
Intel Core i5-3340M @ 2.70GHz	4252	1101	53.19	\$79.95*
Intel Core i5-3340S @ 2.80GHz	5846	814	38.98	\$149.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3350P @ 3.10GHz	6155	777	41.04	\$149.99*
Intel Core i5-3360M @ 2.80GHz	4437	1064	47.82	\$92.81*
Intel Core i5-3380M @ 2.90GHz	4444	1063	NA	NA
Intel Core i5-3427U @ 1.80GHz	3549	1251	8.45	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3628	1234	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1445	NA	NA
Intel Core i5-3450 @ 3.10GHz	6535	744	29.80	\$219.33*
Intel Core i5-3450S @ 2.80GHz	6233	769	42.99	\$145.01*
Intel Core i5-3470 @ 3.20GHz	6728	725	103.53	\$64.99
Intel Core i5-3470S @ 2.90GHz	6400	757	49.03	\$130.53
Intel Core i5-3470T @ 2.90GHz	4490	1050	14.54	\$308.95
Intel Core i5-3475S @ 2.90GHz	6617	737	46.12	\$143.50*
Intel Core i5-3550 @ 3.30GHz	6966	698	22.47	\$309.99*
Intel Core i5-3550S @ 3.00GHz	6916	707	22.87	\$302.45*
Intel Core i5-3570 @ 3.40GHz	7143	682	89.31	\$79.99
Intel Core i5-3570K @ 3.40GHz	7187	679	51.34	\$139.99
Intel Core i5-3570S @ 3.10GHz	6729	724	23.61	\$285.00*
Intel Core i5-3570T @ 2.30GHz	5914	805	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3929	1166	NA	NA
Intel Core i5-4200H @ 2.80GHz	4462	1058	NA	NA
Intel Core i5-4200M @ 2.50GHz	4038	1139	49.79	\$81.12*
Intel Core i5-4200U @ 1.60GHz	3281	1326	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4200Y @ 1.40GHz	2399	1629	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2262	1684	NA	NA
Intel Core i5-4210H @ 2.90GHz	4532	1042	NA	NA
Intel Core i5-4210M @ 2.60GHz	4209	1109	13.58	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3403	1291	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2375	1640	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1662	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1459	NA	NA
Intel Core i5-4250U @ 1.30GHz	3373	1302	9.40	\$359.00*
Intel Core i5-4258U @ 2.40GHz	4096	1130	NA	NA
Intel Core i5-4260U @ 1.40GHz	3580	1249	NA	NA
Intel Core i5-4278U @ 2.60GHz	4371	1075	NA	NA
Intel Core i5-4288U @ 2.60GHz	4303	1092	NA	NA
Intel Core i5-4300M @ 2.60GHz	4448	1061	NA	NA
Intel Core i5-4300U @ 1.90GHz	3740	1209	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2502	1594	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2971	1430	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	1107	NA	NA
Intel Core i5-430M @ 2.27GHz	2093	1752	14.96	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1341	2124	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4310M @ 2.70GHz	4657	1010	NA	NA
Intel Core i5-4310U @ 2.00GHz	3782	1194	NA	NA
Intel Core i5-4330M @ 2.80GHz	4551	1037	16.55	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4861	977	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1238	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	1039	17.10	\$266.00*
Intel Core i5-4402E @ 1.60GHz	3947	1159	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1491	10.55	\$266.00*
Intel Core i5-4430 @ 3.00GHz	6340	761	24.54	\$258.41
Intel Core i5-4430S @ 2.70GHz	5969	800	37.31	\$159.99*
Intel Core i5-4440 @ 3.10GHz	6519	745	13.12	\$497.00*
Intel Core i5-4440S @ 2.80GHz	6270	766	13.54	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6725	726	32.46	\$207.21
Intel Core i5-4460S @ 2.90GHz	6431	752	9.74	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4980	953	NA	NA
Intel Core i5-450M @ 2.40GHz	2133	1735	66.78	\$31.95*
Intel Core i5-4570 @ 3.20GHz	7156	681	103.72	\$69.00
Intel Core i5-4570R @ 2.70GHz	6776	716	NA	NA
Intel Core i5-4570S @ 2.90GHz	6836	711	16.68	\$409.95
Intel Core i5-4570T @ 2.90GHz	4817	983	32.12	\$149.99*
Intel Core i5-4570TE @ 2.70GHz	3827	1186	19.14	\$199.99*
Intel Core i5-4590 @ 3.30GHz	7345	664	68.84	\$106.69

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i5-4590S @ 3.00GHz</u>	7077	687	<u>32.33</u>	<u>\$218.91</u>
<u>Intel Core i5-4590T @ 2.00GHz</u>	5626	839	<u>26.80</u>	<u>\$209.95*</u>
<u>Intel Core i5-460M @ 2.53GHz</u>	2319	1655	<u>30.95</u>	<u>\$74.95*</u>
<u>Intel Core i5-4670 @ 3.40GHz</u>	7475	649	<u>19.67</u>	<u>\$379.95</u>
<u>Intel Core i5-4670K @ 3.40GHz</u>	7636	638	<u>24.64</u>	<u>\$309.99</u>
<u>Intel Core i5-4670K CPT @ 3.40GHz</u>	7411	660	NA	NA
<u>Intel Core i5-4670R @ 3.00GHz</u>	7419	656	<u>26.88</u>	<u>\$276.00*</u>
<u>Intel Core i5-4670S @ 3.10GHz</u>	7399	661	<u>34.74</u>	<u>\$213.00*</u>
<u>Intel Core i5-4670T @ 2.30GHz</u>	6155	778	<u>23.76</u>	<u>\$259.02*</u>
<u>Intel Core i5-4690 @ 3.50GHz</u>	7691	631	<u>31.55</u>	<u>\$243.77</u>
<u>Intel Core i5-4690K @ 3.50GHz</u>	7798	619	<u>29.99</u>	<u>\$259.99</u>
<u>Intel Core i5-4690S @ 3.20GHz</u>	7444	654	<u>20.72</u>	<u>\$359.21*</u>
<u>Intel Core i5-4690T @ 2.50GHz</u>	6547	742	NA	NA
<u>Intel Core i5-470UM @ 1.33GHz</u>	1079	2280	NA	NA
<u>Intel Core i5-480M @ 2.67GHz</u>	2398	1630	<u>29.76</u>	<u>\$80.60*</u>
<u>Intel Core i5-520 @ 2.40GHz</u>	2244	1695	NA	NA
<u>Intel Core i5-5200U @ 2.20GHz</u>	3497	1272	<u>12.45</u>	<u>\$281.00*</u>
<u>Intel Core i5-520M @ 2.40GHz</u>	2367	1644	<u>79.43</u>	<u>\$29.81</u>
<u>Intel Core i5-520UM @ 1.07GHz</u>	1348	2119	NA	NA
<u>Intel Core i5-5250U @ 1.60GHz</u>	3593	1243	<u>8.13</u>	<u>\$441.89*</u>
<u>Intel Core i5-5257U @ 2.70GHz</u>	4410	1069	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-5287U @ 2.90GHz	4700	1004	NA	NA
Intel Core i5-5300U @ 2.30GHz	3842	1180	7.07	\$543.39*
Intel Core i5-5350U @ 1.80GHz	3520	1266	NA	NA
Intel Core i5-540M @ 2.53GHz	2453	1612	36.08	\$68.00*
Intel Core i5-540UM @ 1.20GHz	1375	2105	NA	NA
Intel Core i5-5575R @ 2.80GHz	7484	648	NA	NA
Intel Core i5-560M @ 2.67GHz	2578	1561	31.45	\$81.97*
Intel Core i5-560UM @ 1.33GHz	1669	1964	NA	NA
Intel Core i5-5675C @ 3.10GHz	8125	578	26.22	\$309.95*
Intel Core i5-5675R @ 3.10GHz	7991	597	NA	NA
Intel Core i5-580M @ 2.67GHz	2582	1560	23.49	\$109.95*
Intel Core i5-6198DU @ 2.30GHz	4149	1122	NA	NA
Intel Core i5-6200U @ 2.30GHz	4010	1143	NA	NA
Intel Core i5-6260U @ 1.80GHz	4359	1078	11.95	\$364.97
Intel Core i5-6267U @ 2.90GHz	4888	969	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	996	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6097	790	NA	NA
Intel Core i5-6300U @ 2.40GHz	4365	1076	NA	NA
Intel Core i5-6360U @ 2.00GHz	4686	1006	NA	NA
Intel Core i5-6400 @ 2.70GHz	6754	720	29.52	\$228.83*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6400T @ 2.20GHz	5617	842	21.61	\$259.95*
Intel Core i5-6402P @ 2.80GHz	7105	685	37.40	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	6297	765	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6805	713	NA	NA
Intel Core i5-650 @ 3.20GHz	3095	1390	86.02	\$35.99
Intel Core i5-6500 @ 3.20GHz	7248	673	45.31	\$159.99
Intel Core i5-6500T @ 2.50GHz	6306	764	43.80	\$143.99
Intel Core i5-6500TE @ 2.30GHz	6580	740	31.34	\$209.99
Intel Core i5-655K @ 3.20GHz	3386	1300	56.45	\$59.99*
Intel Core i5-660 @ 3.33GHz	3246	1336	9.02	\$359.95*
Intel Core i5-6600 @ 3.30GHz	7777	622	29.67	\$262.13*
Intel Core i5-6600K @ 3.50GHz	8060	582	30.64	\$263.11*
Intel Core i5-6600T @ 2.70GHz	7273	669	24.25	\$299.95*
Intel Core i5-661 @ 3.33GHz	3194	1355	13.89	\$229.99*
Intel Core i5-670 @ 3.47GHz	3309	1320	11.86	\$279.00*
Intel Core i5-680 @ 3.60GHz	3513	1268	39.04	\$89.99*
Intel Core i5-7200U @ 2.50GHz	4562	1034	16.24	\$281.00*
Intel Core i5-7260U @ 2.20GHz	5638	838	9.26	\$609.00
Intel Core i5-7267U @ 3.10GHz	5052	936	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	836	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6716	727	NA	NA
Intel Core i5-7300U @ 2.60GHz	5155	918	10.60	\$486.22
Intel Core i5-7360U @ 2.30GHz	5855	811	NA	NA
Intel Core i5-7400 @ 3.00GHz	7234	674	34.81	\$207.81

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7400T @ 2.40GHz	6333	762	30.85	\$205.27
Intel Core i5-7440HQ @ 2.80GHz	7626	639	NA	NA
Intel Core i5-7442EQ @ 2.10GHz	5901	807	23.60	\$250.00*
Intel Core i5-750 @ 2.67GHz	3719	1213	92.55	\$40.19*
Intel Core i5-7500 @ 3.40GHz	7941	603	38.41	\$206.75
Intel Core i5-7500T @ 2.70GHz	6939	704	31.01	\$223.75
Intel Core i5-760 @ 2.80GHz	3934	1164	18.83	\$209.00*
Intel Core i5-7600 @ 3.50GHz	8616	532	35.98	\$239.50
Intel Core i5-7600K @ 3.80GHz	9049	484	28.09	\$322.12
Intel Core i5-7600T @ 2.80GHz	7983	599	28.46	\$280.55*
Intel Core i5-7640X @ 4.00GHz	9461	440	39.43	\$239.95*
Intel Core i5-7Y54 @ 1.20GHz	3547	1253	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3676	1227	NA	NA
Intel Core i5-8200Y @ 1.30GHz	4339	1082	14.91	\$291.00*
Intel Core i5-8210Y @ 1.60GHz	4227	1105	NA	NA
Intel Core i5-8250U @ 1.60GHz	7645	636	NA	NA
Intel Core i5-8257U @ 1.40GHz	10742	333	33.57	\$320.00*
Intel Core i5-8259U @ 2.30GHz	10999	316	13.94	\$788.97
Intel Core i5-8265U @ 1.60GHz	8003	594	26.95	\$297.00*
Intel Core i5-8265UC @ 1.60GHz	7780	621	NA	NA
Intel Core i5-8279U @ 2.40GHz	10623	343	33.20	\$320.00*
Intel Core i5-8300H @ 2.30GHz	9471	439	37.88	\$250.00*
Intel Core i5-8305G @ 2.80GHz	8947	498	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core i5-8350U @ 1.70GHz</u>	8129	576	<u>27.37</u>	<u>\$297.00*</u>
<u>Intel Core i5-8365U @ 1.60GHz</u>	8367	556	<u>28.17</u>	<u>\$297.00*</u>
<u>Intel Core i5-8365UE @ 1.60GHz</u>	8010	592	<u>26.97</u>	<u>\$297.00*</u>
<u>Intel Core i5-8400 @ 2.80GHz</u>	11568	297	<u>54.06</u>	<u>\$214.00</u>
<u>Intel Core i5-8400H @ 2.50GHz</u>	10377	356	<u>41.51</u>	<u>\$250.00*</u>
<u>Intel Core i5-8400T @ 1.70GHz</u>	9512	435	<u>50.33</u>	<u>\$189.00</u>
<u>Intel Core i5-8500 @ 3.00GHz</u>	11807	290	<u>37.85</u>	<u>\$311.97</u>
<u>Intel Core i5-8500B @ 3.00GHz</u>	12756	259	<u>66.44</u>	<u>\$192.00*</u>
<u>Intel Core i5-8500T @ 2.10GHz</u>	9971	393	<u>42.55</u>	<u>\$234.36*</u>
<u>Intel Core i5-8600 @ 3.10GHz</u>	12477	269	<u>39.39</u>	<u>\$316.75</u>
<u>Intel Core i5-8600K @ 3.60GHz</u>	12679	264	<u>43.20</u>	<u>\$293.51</u>
<u>Intel Core i5-8600T @ 2.30GHz</u>	10981	319	<u>29.92</u>	<u>\$366.99*</u>
<u>Intel Core i5-9300H @ 2.40GHz</u>	9888	399	<u>39.55</u>	<u>\$250.00*</u>
<u>Intel Core i5-9400 @ 2.90GHz</u>	11933	288	<u>59.67</u>	<u>\$199.99</u>
<u>Intel Core i5-9400F @ 2.90GHz</u>	12108	284	<u>83.51</u>	<u>\$144.99</u>
<u>Intel Core i5-9400H @ 2.50GHz</u>	11379	301	<u>45.52</u>	<u>\$250.00*</u>
<u>Intel Core i5-9400T @ 1.80GHz</u>	9976	392	<u>54.82</u>	<u>\$182.00*</u>
<u>Intel Core i5-9500 @ 3.00GHz</u>	12400	270	<u>41.92</u>	<u>\$295.79</u>
<u>Intel Core i5-9500F @ 3.00GHz</u>	13055	248	<u>64.63</u>	<u>\$202.00*</u>
<u>Intel Core i5-9500T @ 2.20GHz</u>	10657	342	<u>55.51</u>	<u>\$192.00*</u>
<u>Intel Core i5-9600 @ 3.10GHz</u>	13931	215	<u>62.19</u>	<u>\$224.00*</u>
<u>Intel Core i5-9600K @ 3.70GHz</u>	13483	237	<u>67.42</u>	<u>\$199.99</u>
<u>Intel Core i5-9600KF @ 3.70GHz</u>	13694	226	<u>72.08</u>	<u>\$189.99*</u>

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-9600T @ 2.30GHz	11706	293	54.96	\$213.00*
Intel Core i7-10510U @ 1.80GHz	9634	426	23.56	\$409.00*
Intel Core i7-1065G7 @ 1.30GHz	10683	338	NA	NA
Intel Core i7-10710U @ 1.10GHz	13040	249	29.44	\$443.00*
Intel Core i7-2600 @ 3.40GHz	8183	572	77.94	\$104.99
Intel Core i7-2600K @ 3.40GHz	8434	551	58.17	\$144.99
Intel Core i7-2600S @ 2.80GHz	7093	686	67.48	\$105.12
Intel Core i7-2610UE @ 1.50GHz	2481	1604	NA	NA
Intel Core i7-2617M @ 1.50GHz	2812	1488	NA	NA
Intel Core i7-2620M @ 2.70GHz	3842	1181	22.63	\$169.81*
Intel Core i7-2630QM @ 2.00GHz	5522	858	53.72	\$102.81
Intel Core i7-2630UM @ 1.60GHz	2584	1558	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5478	865	NA	NA
Intel Core i7-2637M @ 1.70GHz	2900	1461	NA	NA
Intel Core i7-2640M @ 2.80GHz	3924	1168	32.72	\$119.95
Intel Core i7-2655LE @ 2.20GHz	3229	1342	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5878	809	42.29	\$139.00
Intel Core i7-2675QM @ 2.20GHz	5546	855	NA	NA
Intel Core i7-2677M @ 1.80GHz	2833	1479	NA	NA
Intel Core i7-2700K @ 3.50GHz	8689	527	28.97	\$300.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2710QE @ 2.10GHz	5768	825	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	885	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6106	786	19.76	\$309.00*
Intel Core i7-2760QM @ 2.40GHz	6554	741	31.22	\$209.95*
Intel Core i7-2820QM @ 2.30GHz	6644	733	36.70	\$181.02
Intel Core i7-2840QM @ 2.40GHz	6766	717	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6950	701	12.85	\$541.00*
Intel Core i7-2920XM @ 2.50GHz	6998	693	15.89	\$440.44*
Intel Core i7-2960XM @ 2.70GHz	7224	676	17.62	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3540	1254	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3150	1373	NA	NA
Intel Core i7-3520M @ 2.90GHz	4547	1040	34.45	\$132.02
Intel Core i7-3537U @ 2.00GHz	3809	1191	NA	NA
Intel Core i7-3540M @ 3.00GHz	4669	1007	10.86	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	3966	1151	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	743	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7458	652	18.65	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6712	728	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6819	712	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	650	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3615QM @ 2.30GHz	7389	662	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7581	641	31.72	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6927	705	30.13	\$229.95
Intel Core i7-3635QM @ 2.40GHz	6677	730	NA	NA
Intel Core i7-3667U @ 2.00GHz	3975	1150	NA	NA
Intel Core i7-3687U @ 2.10GHz	4123	1126	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1345	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8124	579	22.38	\$363.00*
Intel Core i7-3740QM @ 2.70GHz	8299	563	34.59	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9277	461	77.98	\$118.98
Intel Core i7-3770K @ 3.50GHz	9515	434	45.53	\$209.00
Intel Core i7-3770S @ 3.10GHz	8901	504	64.04	\$139.00
Intel Core i7-3770T @ 2.50GHz	8204	570	24.86	\$329.99*
Intel Core i7-3820 @ 3.60GHz	8987	488	22.47	\$399.99
Intel Core i7-3820QM @ 2.70GHz	8401	554	29.48	\$285.00*
Intel Core i7-3840QM @ 2.80GHz	8764	518	30.32	\$289.05*
Intel Core i7-3920XM @ 2.90GHz	8984	490	8.20	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	11973	287	52.06	\$229.99*
Intel Core i7-3940XM @ 3.00GHz	9160	470	17.00	\$539.00
Intel Core i7-3960X @ 3.30GHz	12571	267	89.80	\$139.99
Intel Core i7-3970X @ 3.50GHz	12695	262	24.90	\$509.94

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4500U @ 1.80GHz	3785	1193	NA	NA
Intel Core i7-4510U @ 2.00GHz	3916	1171	NA	NA
Intel Core i7-4550U @ 1.50GHz	3676	1228	NA	NA
Intel Core i7-4558U @ 2.80GHz	4401	1070	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	1084	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	991	NA	NA
Intel Core i7-4600M @ 2.90GHz	4907	967	NA	NA
Intel Core i7-4600U @ 2.10GHz	4102	1129	NA	NA
Intel Core i7-4610M @ 3.00GHz	4918	965	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1208	NA	NA
Intel Core i7-4650U @ 1.70GHz	3950	1157	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7203	678	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7734	628	20.19	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7690	632	40.69	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7417	658	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7134	683	32.66	\$218.45*
Intel Core i7-4710HQ @ 2.50GHz	7723	629	20.43	\$378.00*
Intel Core i7-4710MQ @ 2.50GHz	7981	600	29.39	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7532	645	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7206	677	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4720HQ_@ 2.60GHz	7989	598	NA	NA
Intel Core i7-4722HQ_@ 2.40GHz	8093	581	NA	NA
Intel Core i7-4750HQ_@ 2.00GHz	8202	571	NA	NA
Intel Core i7-4760HQ_@ 2.10GHz	8793	513	NA	NA
Intel Core i7-4765T_@ 2.00GHz	7309	666	14.36	\$508.95
Intel Core i7-4770_@ 3.40GHz	9781	411	63.52	\$154.00
Intel Core i7-4770HQ_@ 2.20GHz	8961	493	NA	NA
Intel Core i7-4770K_@ 3.50GHz	10075	379	29.12	\$345.98
Intel Core i7-4770R_@ 3.20GHz	9830	406	NA	NA
Intel Core i7-4770S_@ 3.10GHz	9349	452	15.33	\$610.00
Intel Core i7-4770T_@ 2.50GHz	8601	536	21.50	\$399.99*
Intel Core i7-4770TE_@ 2.30GHz	6732	723	NA	NA
Intel Core i7-4771_@ 3.50GHz	9860	404	16.17	\$609.99*
Intel Core i7-4785T_@ 2.20GHz	7641	637	NA	NA
Intel Core i7-4790_@ 3.60GHz	9989	387	58.82	\$169.84
Intel Core i7-4790K_@ 4.00GHz	11165	309	38.50	\$290.00
Intel Core i7-4790S_@ 3.20GHz	9559	431	19.20	\$497.99
Intel Core i7-4790T_@ 2.70GHz	9074	478	25.21	\$359.99*
Intel Core i7-4800MQ_@ 2.70GHz	8447	548	41.41	\$204.00*
Intel Core i7-4810MQ_@ 2.80GHz	8652	530	45.55	\$189.95*
Intel Core i7-4820K_@ 3.70GHz	9721	418	44.19	\$219.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4850HQ_@ 2.30GHz	9056	482	20.87	\$434.00*
Intel Core i7-4860EQ_@ 1.80GHz	7900	606	NA	NA
Intel Core i7-4860HQ_@ 2.40GHz	9301	459	NA	NA
Intel Core i7-4870HQ_@ 2.50GHz	9353	451	NA	NA
Intel Core i7-4900MQ_@ 2.80GHz	8971	491	15.29	\$586.67*
Intel Core i7-4910MQ_@ 2.90GHz	9335	453	20.30	\$459.95*
Intel Core i7-4930K_@ 3.40GHz	13023	250	16.28	\$799.97
Intel Core i7-4930MX_@ 3.00GHz	9444	446	8.62	\$1,096.00*
Intel Core i7-4940MX_@ 3.10GHz	9776	413	13.77	\$709.95*
Intel Core i7-4960HQ_@ 2.60GHz	9856	405	15.82	\$623.00*
Intel Core i7-4960X_@ 3.60GHz	13805	224	17.93	\$769.99*
Intel Core i7-4980HQ_@ 2.80GHz	10301	362	NA	NA
Intel Core i7-5500U_@ 2.40GHz	3980	1149	NA	NA
Intel Core i7-5550U_@ 2.00GHz	3851	1179	NA	NA
Intel Core i7-5557U_@ 3.10GHz	4953	959	7.03	\$705.00*
Intel Core i7-5600U_@ 2.60GHz	4327	1085	NA	NA
Intel Core i7-5650U_@ 2.20GHz	4242	1103	NA	NA
Intel Core i7-5675C_@ 3.10GHz	8164	574	NA	NA
Intel Core i7-5700EQ_@ 2.60GHz	8239	568	NA	NA
Intel Core i7-5700HQ_@ 2.70GHz	8347	561	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5775C @ 3.30GHz	10851	328	15.81	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10879	327	NA	NA
Intel Core i7-5820K @ 3.30GHz	13010	251	56.57	\$229.99
Intel Core i7-5850EQ @ 2.70GHz	9817	407	22.57	\$435.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	442	21.80	\$434.00*
Intel Core i7-5930K @ 3.50GHz	13664	227	39.15	\$349.00
Intel Core i7-5950HQ @ 2.90GHz	10850	329	NA	NA
Intel Core i7-5960X @ 3.00GHz	15987	158	15.33	\$1,042.93*
Intel Core i7-610 @ 2.53GHz	1969	1807	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1575	NA	NA
Intel Core i7-620LM @ 2.00GHz	1954	1816	NA	NA
Intel Core i7-620M @ 2.67GHz	2716	1521	24.69	\$110.01
Intel Core i7-620UM @ 1.07GHz	1323	2133	NA	NA
Intel Core i7-640LM @ 2.13GHz	2247	1693	NA	NA
Intel Core i7-640M @ 2.80GHz	2828	1482	14.15	\$199.95*
Intel Core i7-640UM @ 1.20GHz	1638	1982	NA	NA
Intel Core i7-6498DU @ 2.50GHz	4470	1055	NA	NA
Intel Core i7-6500U @ 2.50GHz	4419	1066	11.24	\$393.00*
Intel Core i7-6560U @ 2.20GHz	4816	984	NA	NA
Intel Core i7-6567U @ 3.30GHz	5582	848	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6600U @ 2.60GHz	4801	988	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1917	NA	NA
Intel Core i7-6650U @ 2.20GHz	4978	954	NA	NA
Intel Core i7-6700 @ 3.40GHz	10003	385	29.86	\$334.99
Intel Core i7-6700HQ @ 2.60GHz	8126	577	21.50	\$378.00*
Intel Core i7-6700K @ 4.00GHz	11110	310	28.22	\$393.73*
Intel Core i7-6700T @ 2.80GHz	9001	487	23.94	\$375.99*
Intel Core i7-6700TE @ 2.40GHz	8674	529	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9718	419	9.70	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13566	233	33.95	\$399.57
Intel Core i7-680UM @ 1.47GHz	1710	1937	NA	NA
Intel Core i7-6820EQ @ 2.80GHz	8630	531	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9124	474	24.14	\$378.00*
Intel Core i7-6820HQ @ 2.70GHz	8762	519	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6501	746	NA	NA
Intel Core i7-6850K @ 3.60GHz	14371	201	31.74	\$452.75
Intel Core i7-6900K @ 3.20GHz	17611	120	22.15	\$794.99
Intel Core i7-6920HQ @ 2.90GHz	9549	433	16.81	\$568.00*
Intel Core i7-6950X @ 3.00GHz	19923	83	9.10	\$2,188.88
Intel Core i7-720QM @ 1.60GHz	3008	1417	8.22	\$365.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-740QM @ 1.73GHz	3191	1356	19.95	\$159.95*
Intel Core i7-7500U @ 2.70GHz	5120	921	NA	NA
Intel Core i7-7560U @ 2.40GHz	5771	824	NA	NA
Intel Core i7-7567U @ 3.50GHz	6465	748	8.28	\$780.49*
Intel Core i7-7600U @ 2.80GHz	5110	924	NA	NA
Intel Core i7-7660U @ 2.50GHz	5986	798	NA	NA
Intel Core i7-7700 @ 3.60GHz	10685	337	34.04	\$313.95
Intel Core i7-7700HQ @ 2.80GHz	8766	517	23.19	\$378.00*
Intel Core i7-7700K @ 4.20GHz	11993	285	30.04	\$399.33
Intel Core i7-7700T @ 2.90GHz	9311	457	23.34	\$399.00
Intel Core i7-7740X @ 4.30GHz	12203	281	31.71	\$384.90
Intel Core i7-7800X @ 3.50GHz	14642	194	28.71	\$509.99*
Intel Core i7-7820EQ @ 3.00GHz	9144	472	24.19	\$378.00*
Intel Core i7-7820HK @ 2.90GHz	9954	394	26.34	\$378.00*
Intel Core i7-7820HQ @ 2.90GHz	9241	463	24.45	\$378.00*
Intel Core i7-7820X @ 3.60GHz	18517	106	30.52	\$606.75
Intel Core i7-7900X @ 3.30GHz	20474	74	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	9991	386	17.59	\$568.00*
Intel Core i7-7Y75 @ 1.30GHz	3738	1210	NA	NA
Intel Core i7-8086K @ 4.00GHz	16679	134	30.16	\$552.96*
Intel Core i7-820QM @ 1.73GHz	3220	1347	13.42	\$239.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-840QM @ 1.87GHz	3412	1289	11.77	\$289.97
Intel Core i7-8500Y @ 1.50GHz	3945	1161	10.04	\$393.00*
Intel Core i7-8550U @ 1.80GHz	8248	567	NA	NA
Intel Core i7-8559U @ 2.70GHz	12227	279	21.08	\$580.00
Intel Core i7-8565U @ 1.80GHz	8850	511	NA	NA
Intel Core i7-860 @ 2.80GHz	5021	944	17.32	\$289.95
Intel Core i7-860S @ 2.53GHz	4919	964	24.60	\$199.99*
Intel Core i7-8650U @ 1.90GHz	8693	526	21.20	\$409.99
Intel Core i7-8665U @ 1.90GHz	8747	521	21.39	\$409.00*
Intel Core i7-8665UE @ 1.70GHz	8731	523	21.35	\$409.00*
Intel Core i7-870 @ 2.93GHz	5339	890	55.99	\$95.35
Intel Core i7-8700 @ 3.20GHz	15135	181	37.01	\$408.99
Intel Core i7-8700B @ 3.20GHz	14802	191	48.85	\$303.00*
Intel Core i7-8700K @ 3.70GHz	15936	159	44.89	\$354.99
Intel Core i7-8700T @ 2.40GHz	12620	265	22.54	\$559.95
Intel Core i7-8705G @ 3.10GHz	9882	400	7.02	\$1,408.75*
Intel Core i7-8706G @ 3.10GHz	10539	346	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	412	NA	NA
Intel Core i7-870S @ 2.67GHz	4849	981	NA	NA
Intel Core i7-8750H @ 2.20GHz	12398	271	31.39	\$395.00*
Intel Core i7-875K @ 2.93GHz	5416	872	16.89	\$320.76*
Intel Core i7-880 @ 3.07GHz	5505	860	9.44	\$583.00*
Intel Core i7-8809G @ 3.10GHz	10983	318	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8850H @ 2.60GHz	12948	252	32.78	\$395.00*
Intel Core i7-920 @ 2.67GHz	4913	966	119.83	\$41.00
Intel Core i7-920XM @ 2.00GHz	3727	1212	9.32	\$399.95*
Intel Core i7-930 @ 2.80GHz	5131	920	46.65	\$109.99
Intel Core i7-940 @ 2.93GHz	5332	892	51.27	\$103.99*
Intel Core i7-940XM @ 2.13GHz	3921	1169	NA	NA
Intel Core i7-950 @ 3.07GHz	5539	856	138.51	\$39.99
Intel Core i7-960 @ 3.20GHz	5794	818	16.10	\$360.00
Intel Core i7-965 @ 3.20GHz	5850	813	5.80	\$1,008.95
Intel Core i7-970 @ 3.20GHz	8354	560	16.71	\$499.95*
Intel Core i7-9700 @ 3.00GHz	15872	163	47.24	\$335.99
Intel Core i7-9700F @ 3.00GHz	16379	144	43.11	\$379.99
Intel Core i7-9700K @ 3.60GHz	17219	124	44.52	\$386.79
Intel Core i7-9700KF @ 3.60GHz	17023	128	47.29	\$359.99*
Intel Core i7-9700T @ 2.00GHz	13426	239	41.57	\$323.00*
Intel Core i7-9700TE @ 1.80GHz	12688	263	39.28	\$323.00*
Intel Core i7-975 @ 3.33GHz	6114	784	14.92	\$409.92*
Intel Core i7-9750H @ 2.60GHz	13569	232	34.35	\$395.00*
Intel Core i7-980 @ 3.33GHz	8530	539	42.66	\$199.98*
Intel Core i7-9800X @ 3.80GHz	19803	87	31.69	\$624.99
Intel Core i7-980X @ 3.33GHz	8747	522	7.88	\$1,109.95
Intel Core i7-985 @ 3.47GHz	6641	734	NA	NA
Intel Core i7-9850H @ 2.60GHz	14013	213	35.48	\$395.00*
Intel Core i7-9850HL @ 1.90GHz	11340	302	28.71	\$395.00*
Intel Core i7-990X @ 3.47GHz	9054	483	25.87	\$349.99*
Intel Core i7-995X @ 3.60GHz	9791	408	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-7900X @ 3.30GHz	21870	60	21.29	\$1,027.12*
Intel Core i9-7920X @ 2.90GHz	23272	48	17.29	\$1,346.25*
Intel Core i9-7940X @ 3.10GHz	25426	30	27.94	\$909.99
Intel Core i9-7960X @ 2.80GHz	26030	25	19.28	\$1,349.99*
Intel Core i9-7980XE @ 2.60GHz	27647	21	22.82	\$1,211.79
Intel Core i9-8950HK @ 2.90GHz	14212	207	24.38	\$583.00*
Intel Core i9-9820X @ 3.30GHz	20965	72	30.83	\$679.99
Intel Core i9-9880H @ 2.30GHz	16657	137	29.96	\$556.00*
Intel Core i9-9900 @ 3.10GHz	18678	104	34.59	\$539.99
Intel Core i9-9900K @ 3.60GHz	20195	81	41.22	\$489.99
Intel Core i9-9900KF @ 3.60GHz	20358	78	42.41	\$479.99
Intel Core i9-9900KS @ 4.00GHz	21471	63	23.60	\$909.99*
Intel Core i9-9900T @ 2.10GHz	15090	182	34.38	\$439.00*
Intel Core i9-9900X @ 3.50GHz	22984	50	31.49	\$729.99
Intel Core i9-9920X @ 3.50GHz	25170	34	25.17	\$999.99
Intel Core i9-9940X @ 3.30GHz	27036	22	22.53	\$1,199.99
Intel Core i9-9960X @ 3.10GHz	28250	17	18.34	\$1,539.99
Intel Core i9-9980HK @ 2.40GHz	17620	119	30.22	\$583.00*
Intel Core i9-9980XE @ 3.00GHz	29582	12	11.72	\$2,524.64
Intel Core M-5Y10 @ 0.80GHz	2653	1537	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core M-5Y10a @ 0.80GHz	2387	1637	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2819	1485	10.03	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2832	1480	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2508	1591	NA	NA
Intel Core M-5Y70 @ 1.10GHz	2912	1452	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2991	1422	10.65	\$281.00*
Intel Core m3-6Y30 @ 0.90GHz	3025	1411	10.77	\$281.00*
Intel Core m3-7Y30 @ 1.00GHz	3521	1263	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3318	1317	NA	NA
Intel Core m3-8100Y @ 1.10GHz	3709	1219	13.20	\$281.00*
Intel Core m5-6Y54 @ 1.10GHz	3349	1307	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3236	1339	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3468	1279	NA	NA
Intel Core Solo T1300 @ 1.66GHz	393	2710	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2703	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2621	NA	NA
Intel Core Solo U1300 @ 1.06GHz	270	2867	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2858	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2780	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2291	6.58	\$159.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E4400 @ 2.00GHz	1157	2233	23.16	\$49.99*
Intel Core2 Duo E4500 @ 2.20GHz	1271	2170	17.84	\$71.25*
Intel Core2 Duo E4600 @ 2.40GHz	1383	2098	8.76	\$157.95*
Intel Core2 Duo E4700 @ 2.60GHz	1481	2060	54.88	\$26.99*
Intel Core2 Duo E6300 @ 1.86GHz	1108	2258	85.35	\$12.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2216	23.72	\$49.99*
Intel Core2 Duo E6400 @ 2.13GHz	1288	2154	43.02	\$29.95*
Intel Core2 Duo E6420 @ 2.13GHz	1359	2114	27.20	\$49.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	2071	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1497	2052	100.18	\$14.95*
Intel Core2 Duo E6600 @ 2.40GHz	1554	2022	103.71	\$14.99*
Intel Core2 Duo E6700 @ 2.66GHz	1693	1950	56.46	\$29.99*
Intel Core2 Duo E6750 @ 2.66GHz	1712	1935	166.27	\$10.30*
Intel Core2 Duo E6850 @ 3.00GHz	1946	1821	38.93	\$49.99*
Intel Core2 Duo E7200 @ 2.53GHz	1624	1992	33.16	\$49.00*
Intel Core2 Duo E7300 @ 2.66GHz	1727	1925	43.31	\$39.88*
Intel Core2 Duo E7400 @ 2.80GHz	1770	1904	61.06	\$28.99*
Intel Core2 Duo E7500 @ 2.93GHz	1873	1859	125.01	\$14.99*
Intel Core2 Duo E7600 @ 3.06GHz	1959	1812	16.34	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1490	2055	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core2 Duo E8135 @ 2.66GHz</u>	1761	1908	NA	NA
<u>Intel Core2 Duo E8200 @ 2.66GHz</u>	1882	1855	<u>37.66</u>	<u>\$49.99*</u>
<u>Intel Core2 Duo E8235 @ 2.80GHz</u>	1955	1814	NA	NA
<u>Intel Core2 Duo E8290 @ 2.83GHz</u>	2353	1649	NA	NA
<u>Intel Core2 Duo E8300 @ 2.83GHz</u>	1990	1797	<u>99.55</u>	<u>\$19.99*</u>
<u>Intel Core2 Duo E8335 @ 2.66GHz</u>	1846	1871	NA	NA
<u>Intel Core2 Duo E8335 @ 2.93GHz</u>	2128	1738	NA	NA
<u>Intel Core2 Duo E8400 @ 3.00GHz</u>	2148	1730	<u>47.22</u>	<u>\$45.50*</u>
<u>Intel Core2 Duo E8435 @ 3.06GHz</u>	2068	1766	NA	NA
<u>Intel Core2 Duo E8500 @ 3.16GHz</u>	2281	1674	<u>57.06</u>	<u>\$39.99*</u>
<u>Intel Core2 Duo E8600 @ 3.33GHz</u>	2398	1632	<u>56.49</u>	<u>\$42.45*</u>
<u>Intel Core2 Duo E8700 @ 3.50GHz</u>	2212	1709	NA	NA
<u>Intel Core2 Duo L7100 @ 1.20GHz</u>	760	2453	NA	NA
<u>Intel Core2 Duo L7200 @ 1.33GHz</u>	684	2492	NA	NA
<u>Intel Core2 Duo L7300 @ 1.40GHz</u>	825	2427	NA	NA
<u>Intel Core2 Duo L7400 @ 1.50GHz</u>	846	2416	NA	NA
<u>Intel Core2 Duo L7500 @ 1.60GHz</u>	961	2351	NA	NA
<u>Intel Core2 Duo L7700 @ 1.80GHz</u>	973	2341	NA	NA
<u>Intel Core2 Duo L7800 @ 2.00GHz</u>	1116	2249	NA	NA
<u>Intel Core2 Duo L9300 @ 1.60GHz</u>	1080	2279	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo L9600 @ 2.13GHz	1346	2120	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	2153	64.51	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1311	2138	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	2085	35.42	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2367	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1518	2038	6.60	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1455	2067	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2306	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1453	2070	4.89	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1536	2030	31.25	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1624	1993	42.76	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1739	1920	30.53	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	2019	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1750	1915	1.75	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1754	1913	17.72	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1866	1862	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2015	1787	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2537	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1251	2182	4.95	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1673	1958	5.89	\$284.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo SU9400 @ 1.40GHz	926	2376	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	833	2422	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	839	2420	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2432	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	933	2373	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2385	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2389	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2381	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1039	2296	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2301	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2330	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1094	2267	109.51	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1114	2253	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1206	2204	75.86	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1149	2238	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2200	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2193	81.79	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1285	2159	85.74	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1257	2175	32.66	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1359	2116	71.91	\$18.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T6670 @ 2.20GHz	1359	2115	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1020	2308	46.43	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1168	2227	11.69	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1114	2252	5.53	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1194	2210	38.55	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1250	2184	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1271	2169	29.58	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1377	2104	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1425	2082	10.18	\$139.95*
Intel Core2 Duo T7800 @ 2.60GHz	1597	2005	2.63	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1297	2147	1.30	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1471	2063	13.51	\$108.95*
Intel Core2 Duo T9300 @ 2.50GHz	1674	1957	28.87	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1737	1922	38.65	\$44.95*
Intel Core2 Duo T9500 @ 2.60GHz	1792	1897	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1803	1893	6.03	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1830	21.43	\$89.95*
Intel Core2 Duo T9800 @ 2.93GHz	2003	1793	4.73	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2137	1732	5.36	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	868	2403	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo U7500 @ 1.06GHz	590	2535	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	669	2499	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2485	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	855	2412	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1129	2247	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1952	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1232	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3622	1235	2.42	\$1,495.95*
Intel Core2 Extreme Q9200 @ 2.40GHz	3415	1288	NA	NA
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1282	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1875	1858	7.11	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1894	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2128	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1688	1951	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1847	4.62	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2076	1761	2.44	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4157	1119	4.83	\$859.99*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	1048	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4608	1025	2.86	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	1013	2.57	\$1,805.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Core2 Quad Q6600 @ 2.40GHz</u>	2946	1439	<u>73.71</u>	<u>\$39.98*</u>
<u>Intel Core2 Quad Q6700 @ 2.66GHz</u>	3278	1327	<u>72.87</u>	<u>\$44.99*</u>
<u>Intel Core2 Quad Q8200 @ 2.33GHz</u>	2806	1490	<u>122.09</u>	<u>\$22.99*</u>
<u>Intel Core2 Quad Q8300 @ 2.50GHz</u>	2979	1426	<u>59.61</u>	<u>\$49.99*</u>
<u>Intel Core2 Quad Q8400 @ 2.66GHz</u>	3162	1366	<u>13.18</u>	<u>\$239.95*</u>
<u>Intel Core2 Quad Q9000 @ 2.00GHz</u>	2525	1583	<u>6.49</u>	<u>\$389.00*</u>
<u>Intel Core2 Quad Q9100 @ 2.26GHz</u>	3242	1337	<u>8.40</u>	<u>\$385.89*</u>
<u>Intel Core2 Quad Q9300 @ 2.50GHz</u>	3152	1371	<u>15.80</u>	<u>\$199.50*</u>
<u>Intel Core2 Quad Q9400 @ 2.66GHz</u>	3337	1315	<u>69.48</u>	<u>\$48.03*</u>
<u>Intel Core2 Quad Q9450 @ 2.66GHz</u>	3757	1204	<u>105.24</u>	<u>\$35.70*</u>
<u>Intel Core2 Quad Q9500 @ 2.83GHz</u>	3520	1265	<u>100.62</u>	<u>\$34.99*</u>
<u>Intel Core2 Quad Q9505 @ 2.83GHz</u>	3520	1264	<u>18.53</u>	<u>\$190.00*</u>
<u>Intel Core2 Quad Q9550 @ 2.83GHz</u>	3962	1153	<u>89.06</u>	<u>\$44.49*</u>
<u>Intel Core2 Quad Q9650 @ 3.00GHz</u>	4153	1120	<u>38.07</u>	<u>\$109.11</u>
<u>Intel Core2 Quad Q9705 @ 3.16GHz</u>	3947	1158	NA	NA
<u>Intel Core2 Solo U2100 @ 1.06GHz</u>	359	2750	NA	NA
<u>Intel Core2 Solo U2200 @ 1.20GHz</u>	311	2800	NA	NA
<u>Intel Core2 Solo U3300 @ 1.20GHz</u>	415	2678	NA	NA
<u>Intel Core2 Solo U3500 @ 1.40GHz</u>	465	2624	NA	NA
<u>Intel E3000 @ 3.40GHz</u>	2767	1501	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 1403 @ 2.60GHz	2742	1512	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1412	NA	NA
Intel Pentium 2020M @ 2.40GHz	2273	1680	16.97	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2398	1631	17.90	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1655	1976	12.36	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1821	1888	13.59	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1062	2285	7.93	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2260	1685	NA	NA
Intel Pentium 3556U @ 1.70GHz	1674	1956	NA	NA
Intel Pentium 3558U @ 1.70GHz	1672	1961	NA	NA
Intel Pentium 3560M @ 2.40GHz	2269	1683	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	2172	NA	NA
Intel Pentium 3805U @ 1.90GHz	1965	1810	NA	NA
Intel Pentium 3825U @ 1.90GHz	2508	1590	NA	NA
Intel Pentium 4 1.40GHz	164	2965	NA	NA
Intel Pentium 4 1.50GHz	131	2982	NA	NA
Intel Pentium 4 1.60GHz	129	2984	NA	NA
Intel Pentium 4 1.70GHz	132	2981	NA	NA
Intel Pentium 4 1.80GHz	161	2968	NA	NA
Intel Pentium 4 1.90GHz	159	2969	NA	NA
Intel Pentium 4 1300MHz	119	2988	NA	NA
Intel Pentium 4 1400MHz	127	2985	NA	NA
Intel Pentium 4 1500MHz	125	2986	NA	NA
Intel Pentium 4 1600MHz	193	2946	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2972	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Pentium 4 1800MHz</u>	162	2967	NA	NA
<u>Intel Pentium 4 2.00GHz</u>	189	2947	NA	NA
<u>Intel Pentium 4 2.20GHz</u>	209	2928	NA	NA
<u>Intel Pentium 4 2.26GHz</u>	221	2917	NA	NA
<u>Intel Pentium 4 2.40GHz</u>	228	2911	NA	NA
<u>Intel Pentium 4 2.50GHz</u>	245	2895	NA	NA
<u>Intel Pentium 4 2.53GHz</u>	248	2891	NA	NA
<u>Intel Pentium 4 2.60GHz</u>	288	2837	NA	NA
<u>Intel Pentium 4 2.66GHz</u>	254	2883	NA	NA
<u>Intel Pentium 4 2.80GHz</u>	322	2786	NA	NA
<u>Intel Pentium 4 2.93GHz</u>	293	2828	NA	NA
<u>Intel Pentium 4 3.00GHz</u>	353	2757	NA	NA
<u>Intel Pentium 4 3.06GHz</u>	347	2760	NA	NA
<u>Intel Pentium 4 3.20GHz</u>	373	2731	NA	NA
<u>Intel Pentium 4 3.40GHz</u>	395	2705	NA	NA
<u>Intel Pentium 4 3.46GHz</u>	454	2639	NA	NA
<u>Intel Pentium 4 3.60GHz</u>	486	2605	NA	NA
<u>Intel Pentium 4 3.73GHz</u>	486	2603	NA	NA
<u>Intel Pentium 4 3.80GHz</u>	485	2606	NA	NA
<u>Intel Pentium 4 3.83GHz</u>	195	2941	NA	NA
<u>Intel Pentium 4 4.00GHz</u>	184	2952	NA	NA
<u>Intel Pentium 4 Mobile 1.40GHz</u>	149	2975	NA	NA
<u>Intel Pentium 4 Mobile 1.50GHz</u>	197	2940	NA	NA
<u>Intel Pentium 4 Mobile 1.60GHz</u>	178	2958	NA	NA
<u>Intel Pentium 4 Mobile 1.70GHz</u>	208	2929	NA	NA
<u>Intel Pentium 4 Mobile 1.80GHz</u>	175	2961	NA	NA
<u>Intel Pentium 4 Mobile 1.90GHz</u>	209	2927	NA	NA
<u>Intel Pentium 4 Mobile 2.00GHz</u>	202	2936	NA	NA
<u>Intel Pentium 4405U @ 2.10GHz</u>	2929	1446	NA	NA
<u>Intel Pentium 4405Y @ 1.50GHz</u>	2059	1770	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4410Y @ 1.50GHz	2050	1774	12.73	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3150	1374	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2222	1705	13.81	\$161.00*
Intel Pentium 4417U @ 2.30GHz	3197	1353	19.86	\$161.00*
Intel Pentium 5 2.66GHz	705	2479	NA	NA
Intel Pentium 5405U @ 2.30GHz	3177	1359	19.73	\$161.00*
Intel Pentium 957 @ 1.20GHz	1095	2265	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1139	2246	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2240	NA	NA
Intel Pentium 987 @ 1.50GHz	1223	2194	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	2092	NA	NA
Intel Pentium A1018 @ 2.10GHz	1605	2001	NA	NA
Intel Pentium B940 @ 2.00GHz	1727	1924	57.71	\$29.94*
Intel Pentium B950 @ 2.10GHz	1715	1933	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1868	37.81	\$48.99*
Intel Pentium B970 @ 2.30GHz	1953	1818	38.30	\$50.99*
Intel Pentium B980 @ 2.40GHz	2026	1782	28.97	\$69.95*
Intel Pentium D 805 @ 2.66GHz	529	2570	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2512	NA	NA
Intel Pentium D 915 @ 2.80GHz	584	2540	NA	NA
Intel Pentium D 940 @ 3.20GHz	709	2477	NA	NA
Intel Pentium D 950 @ 3.40GHz	742	2465	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2435	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium D1508 @ 2.20GHz	3813	1190	29.56	\$129.00*
Intel Pentium E2140 @ 1.60GHz	871	2400	18.83	\$46.25
Intel Pentium E2160 @ 1.80GHz	998	2325	64.36	\$15.51
Intel Pentium E2180 @ 2.00GHz	1088	2271	36.28	\$29.99
Intel Pentium E2200 @ 2.20GHz	1203	2208	16.05	\$75.00*
Intel Pentium E2210 @ 2.20GHz	1174	2221	NA	NA
Intel Pentium E2220 @ 2.40GHz	1330	2129	15.48	\$85.99*
Intel Pentium E5200 @ 2.50GHz	1486	2056	24.80	\$59.95
Intel Pentium E5300 @ 2.60GHz	1540	2027	67.00	\$22.99
Intel Pentium E5400 @ 2.70GHz	1597	2006	89.93	\$17.76
Intel Pentium E5500 @ 2.80GHz	1636	1984	62.95	\$25.99*
Intel Pentium E5700 @ 3.00GHz	1738	1921	115.99	\$14.99*
Intel Pentium E5800 @ 3.20GHz	1887	1854	83.90	\$22.50
Intel Pentium E6300 @ 2.80GHz	1704	1941	165.49	\$10.30*
Intel Pentium E6500 @ 2.93GHz	1765	1905	11.18	\$157.95*
Intel Pentium E6600 @ 3.06GHz	1861	1865	18.61	\$100.00*
Intel Pentium E6700 @ 3.20GHz	1932	1827	64.44	\$29.99
Intel Pentium E6800 @ 3.33GHz	1974	1804	22.19	\$89.00*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2388	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2350	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2010 @ 2.80GHz	2599	1554	51.99	\$50.00
Intel Pentium G2020 @ 2.90GHz	2753	1509	45.92	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2418	1622	50.81	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2867	1471	59.75	\$48.00
Intel Pentium G2030T @ 2.60GHz	2488	1601	38.88	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2763	1506	NA	NA
Intel Pentium G2120 @ 3.10GHz	3079	1397	19.30	\$159.55*
Intel Pentium G2130 @ 3.20GHz	3200	1350	64.01	\$49.99*
Intel Pentium G2140 @ 3.30GHz	3377	1301	41.41	\$81.56
Intel Pentium G3220 @ 3.00GHz	3125	1381	31.85	\$98.14
Intel Pentium G3220T @ 2.60GHz	2557	1571	40.60	\$62.98*
Intel Pentium G3240 @ 3.10GHz	3153	1370	63.09	\$49.99
Intel Pentium G3240T @ 2.70GHz	2840	1475	NA	NA
Intel Pentium G3250 @ 3.20GHz	3241	1338	13.92	\$232.84*
Intel Pentium G3250T @ 2.80GHz	2969	1433	33.00	\$89.99*
Intel Pentium G3258 @ 3.20GHz	3865	1174	55.24	\$69.98
Intel Pentium G3260 @ 3.30GHz	3356	1305	23.98	\$139.99*
Intel Pentium G3260T @ 2.90GHz	2930	1444	32.56	\$89.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1634	NA	NA
Intel Pentium G3420 @ 3.20GHz	3395	1294	54.29	\$62.55

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3420T @ 2.70GHz	3008	1416	18.80	\$159.99*
Intel Pentium G3430 @ 3.30GHz	3395	1295	37.74	\$89.99*
Intel Pentium G3440 @ 3.30GHz	3319	1316	20.75	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1388	NA	NA
Intel Pentium G3450 @ 3.40GHz	3696	1222	36.97	\$99.99*
Intel Pentium G3450T @ 2.90GHz	2967	1434	NA	NA
Intel Pentium G3460 @ 3.50GHz	3584	1248	12.44	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3714	1215	35.62	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3539	1255	44.52	\$79.50
Intel Pentium G4400T @ 2.90GHz	3163	1365	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1469	45.09	\$64.00*
Intel Pentium G4500 @ 3.50GHz	3792	1192	38.15	\$99.39
Intel Pentium G4500T @ 3.00GHz	3471	1277	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1114	38.05	\$109.98*
Intel Pentium G4560 @ 3.50GHz	4862	976	43.21	\$112.52
Intel Pentium G4560T @ 2.90GHz	3990	1146	36.28	\$109.99*
Intel Pentium G4600 @ 3.60GHz	5076	929	21.15	\$239.95
Intel Pentium G4600T @ 3.00GHz	4266	1098	24.06	\$177.28*
Intel Pentium G4620 @ 3.70GHz	5215	908	45.89	\$113.66*
Intel Pentium G620 @ 2.60GHz	2286	1671	91.50	\$24.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G620T @ 2.20GHz	2033	1779	25.42	\$79.99*
Intel Pentium G630 @ 2.70GHz	2371	1642	23.71	\$100.00
Intel Pentium G630T @ 2.30GHz	2089	1753	26.12	\$79.99*
Intel Pentium G640 @ 2.80GHz	2519	1584	63.00	\$40.00
Intel Pentium G640T @ 2.40GHz	1979	1801	NA	NA
Intel Pentium G645 @ 2.90GHz	2589	1557	64.74	\$40.00
Intel Pentium G645T @ 2.50GHz	2257	1687	NA	NA
Intel Pentium G6950 @ 2.80GHz	1855	1866	46.41	\$39.99*
Intel Pentium G6951 @ 2.80GHz	2135	1734	22.72	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2059	1771	NA	NA
Intel Pentium G840 @ 2.80GHz	2559	1570	73.15	\$34.99*
Intel Pentium G850 @ 2.90GHz	2662	1535	89.10	\$29.88*
Intel Pentium G860 @ 3.00GHz	2735	1516	32.96	\$82.99
Intel Pentium G870 @ 3.10GHz	2812	1487	29.00	\$97.00*
Intel Pentium Gold G5400 @ 3.70GHz	5221	906	85.75	\$60.89
Intel Pentium Gold G5400T @ 3.10GHz	4884	971	76.31	\$64.00*
Intel Pentium Gold G5420 @ 3.80GHz	5403	876	78.11	\$69.18
Intel Pentium Gold G5420T @ 3.20GHz	5156	917	80.57	\$64.00*
Intel Pentium Gold G5500 @ 3.80GHz	5195	910	30.57	\$169.94*
Intel Pentium Gold G5500T @ 3.20GHz	4346	1080	57.95	\$75.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Pentium Gold G5600 @ 3.90GHz</u>	5570	851	<u>55.48</u>	<u>\$100.41</u>
<u>Intel Pentium Gold G5600F @ 3.90GHz</u>	5736	830	NA	NA
<u>Intel Pentium III 1133 @ 1133MHz</u>	284	2841	NA	NA
<u>Intel Pentium III 1200 @ 1200MHz</u>	278	2857	NA	NA
<u>Intel Pentium III 1266S @ 1266MHz</u>	309	2802	NA	NA
<u>Intel Pentium III 1400 @ 1400MHz</u>	297	2821	NA	NA
<u>Intel Pentium III 1400S @ 1400MHz</u>	299	2818	NA	NA
<u>Intel Pentium III 933S @ 933MHz</u>	238	2903	NA	NA
<u>Intel Pentium III Mobile 1000MHz</u>	245	2894	NA	NA
<u>Intel Pentium III Mobile 1066MHz</u>	246	2893	NA	NA
<u>Intel Pentium III Mobile 1133MHz</u>	251	2887	NA	NA
<u>Intel Pentium III Mobile 1200MHz</u>	240	2901	NA	NA
<u>Intel Pentium III Mobile 750MHz</u>	103	2991	NA	NA
<u>Intel Pentium III Mobile 800MHz</u>	182	2955	NA	NA
<u>Intel Pentium III Mobile 866MHz</u>	152	2973	NA	NA
<u>Intel Pentium III Mobile 933MHz</u>	218	2918	<u>7.55</u>	<u>\$28.99</u>
<u>Intel Pentium J2850 @ 2.41GHz</u>	1839	1877	NA	NA
<u>Intel Pentium J2900 @ 2.41GHz</u>	1973	1805	NA	NA
<u>Intel Pentium J3710 @ 1.60GHz</u>	1913	1838	NA	NA
<u>Intel Pentium J4205 @ 1.50GHz</u>	2269	1682	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1.10GHz	282	2848	NA	NA
Intel Pentium M 1.20GHz	298	2819	NA	NA
Intel Pentium M 1.30GHz	301	2812	NA	NA
Intel Pentium M 1.40GHz	345	2764	NA	NA
Intel Pentium M 1.50GHz	366	2741	NA	NA
Intel Pentium M 1.60GHz	364	2744	NA	NA
Intel Pentium M 1.70GHz	406	2689	NA	NA
Intel Pentium M 1.73GHz	412	2681	NA	NA
Intel Pentium M 1.80GHz	411	2682	NA	NA
Intel Pentium M 1.86GHz	438	2656	NA	NA
Intel Pentium M 1000MHz	233	2907	NA	NA
Intel Pentium M 1100MHz	259	2879	NA	NA
Intel Pentium M 1200MHz	237	2904	NA	NA
Intel Pentium M 1300MHz	303	2806	NA	NA
Intel Pentium M 1400MHz	320	2788	NA	NA
Intel Pentium M 1500MHz	354	2754	NA	NA
Intel Pentium M 1600MHz	335	2774	NA	NA
Intel Pentium M 1700MHz	376	2726	NA	NA
Intel Pentium M 2.00GHz	461	2631	NA	NA
Intel Pentium M 2.10GHz	448	2644	NA	NA
Intel Pentium M 2.13GHz	499	2594	NA	NA
Intel Pentium M 2.26GHz	509	2586	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2611	NA	NA
Intel Pentium M 900MHz	217	2922	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	2036	NA	NA
Intel Pentium N3520 @ 2.16GHz	1806	1890	NA	NA
Intel Pentium N3530 @ 2.16GHz	1911	1839	NA	NA
Intel Pentium N3540 @ 2.16GHz	1932	1826	7.70	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1836	1878	4.13	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1864	1863	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium N4200 @ 1.10GHz	2036	1777	8.71	\$233.98*
Intel Pentium P6000 @ 1.87GHz	1243	2187	NA	NA
Intel Pentium P6100 @ 2.00GHz	1327	2131	46.67	\$28.44*
Intel Pentium P6200 @ 2.13GHz	1350	2118	30.04	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1372	2106	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2905	1456	14.42	\$201.49
Intel Pentium Silver N5000 @ 1.10GHz	2455	1609	15.25	\$161.00*
Intel Pentium SU2700 @ 1.30GHz	405	2690	NA	NA
Intel Pentium SU4100 @ 1.30GHz	853	2413	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2417	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2501	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2481	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	706	2478	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2467	NA	NA
Intel Pentium T2330 @ 1.60GHz	827	2424	NA	NA
Intel Pentium T2370 @ 1.73GHz	849	2415	24.26	\$35.00*
Intel Pentium T2390 @ 1.86GHz	947	2365	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2339	NA	NA
Intel Pentium T3200 @ 2.00GHz	1031	2299	85.96	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1115	2251	12.40	\$89.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T4200 @ 2.00GHz	1151	2237	95.97	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1231	2191	NA	NA
Intel Pentium T4400 @ 2.20GHz	1281	2161	NA	NA
Intel Pentium T4500 @ 2.30GHz	1333	2127	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2430	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2360	NA	NA
Intel T1200 @ 1.50GHz	435	2662	NA	NA
Intel T1400 @ 1.73GHz	929	2375	NA	NA
Intel T1500 @ 1.86GHz	953	2358	NA	NA
Intel T2050 @ 2.00GHz	959	2354	NA	NA
Intel Xeon 1500MHz	193	2945	NA	NA
Intel Xeon 2.00GHz	233	2906	NA	NA
Intel XEON 2.20GHz	252	2885	NA	NA
Intel Xeon 2.40GHz	276	2860	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2661	NA	NA
Intel Xeon 2.80GHz	400	2701	NA	NA
Intel Xeon 3.00GHz	391	2714	NA	NA
Intel Xeon 3.06GHz	491	2598	NA	NA
Intel Xeon 3.20GHz	461	2632	NA	NA
Intel Xeon 3.40GHz	478	2614	NA	NA
Intel Xeon 3.60GHz	509	2585	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2295	NA	NA
Intel Xeon 3.80GHz	604	2529	0.71	\$851.00*
Intel Xeon 3040 @ 1.86GHz	1278	2163	51.05	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1300	2144	8.23	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	2037	66.07	\$22.99*
Intel Xeon 3065 @ 2.33GHz	1520	2035	72.77	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1784	1901	4.36	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1876	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	2016	NA	NA
Intel Xeon 5110 @ 1.60GHz	1084	2275	30.99	\$35.00*
Intel Xeon 5120 @ 1.86GHz	1248	2186	0.77	\$1,619.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 5130 @ 2.00GHz	1366	2108	27.90	\$48.99*
Intel Xeon 5133 @ 2.20GHz	1598	2004	NA	NA
Intel Xeon 5140 @ 2.33GHz	1636	1983	65.49	\$24.99*
Intel Xeon 5148 @ 2.33GHz	1590	2010	121.17	\$13.13*
Intel Xeon 5150 @ 2.66GHz	1740	1918	12.44	\$139.95*
Intel Xeon 5160 @ 3.00GHz	1956	1813	39.13	\$49.99*
Intel Xeon @ 2.00GHz	11327	303	NA	NA
Intel Xeon @ 2.20GHz	1902	1843	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5646	837	22.86	\$247.00
Intel Xeon Bronze 3106 @ 1.70GHz	6890	708	19.34	\$356.27*
Intel Xeon D-1518 @ 2.20GHz	5322	895	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	827	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	695	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	569	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9643	424	27.71	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	8445	549	14.79	\$571.00*
Intel Xeon D-1539 @ 1.60GHz	8443	550	17.37	\$486.00*
Intel Xeon D-1540 @ 2.00GHz	10740	334	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11083	312	NA	NA
Intel Xeon D-1548 @ 2.00GHz	10679	339	19.24	\$555.00*
Intel Xeon D-1557 @ 1.50GHz	10950	322	15.78	\$694.00*
Intel Xeon D-1559 @ 1.50GHz	8055	583	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14482	198	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	212	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8150	575	38.26	\$213.00*
Intel Xeon D-2141I @ 2.20GHz	12836	256	23.13	\$555.00*
Intel Xeon D-2143IT @ 2.20GHz	13816	223	24.41	\$566.00*
Intel Xeon D-2146NT @ 2.30GHz	10968	320	17.11	\$641.00*
Intel Xeon D-2183IT @ 2.20GHz	19381	98	10.99	\$1,764.00*
Intel Xeon E-2104G @ 3.20GHz	7825	616	40.54	\$193.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2124 @ 3.30GHz	9444	445	42.93	\$219.99*
Intel Xeon E-2124G @ 3.40GHz	9891	398	36.31	\$272.39
Intel Xeon E-2126G @ 3.30GHz	13583	231	45.28	\$299.99*
Intel Xeon E-2134 @ 3.50GHz	10882	326	38.53	\$282.43*
Intel Xeon E-2136 @ 3.30GHz	15793	167	49.13	\$321.49
Intel Xeon E-2144G @ 3.60GHz	11532	298	32.77	\$351.90*
Intel Xeon E-2146G @ 3.50GHz	15620	170	44.00	\$354.99*
Intel Xeon E-2174G @ 3.80GHz	12278	277	30.47	\$402.99*
Intel Xeon E-2176G @ 3.70GHz	15592	171	34.83	\$447.61*
Intel Xeon E-2176M @ 2.70GHz	13552	234	30.12	\$450.00*
Intel Xeon E-2186G @ 3.80GHz	15838	166	30.17	\$524.99*
Intel Xeon E-2186M @ 2.90GHz	14526	196	23.32	\$623.00*
Intel Xeon E-2224 @ 3.40GHz	10096	377	50.99	\$198.00*
Intel Xeon E-2224G @ 3.50GHz	9863	403	45.24	\$218.00*
Intel Xeon E-2226G @ 3.40GHz	12887	254	49.57	\$260.00*
Intel Xeon E-2236 @ 3.40GHz	15781	168	54.61	\$289.00*
Intel Xeon E-2244G @ 3.80GHz	12782	258	46.99	\$272.00*
Intel Xeon E-2246G @ 3.60GHz	16023	155	51.52	\$311.00*
Intel Xeon E-2254ML @ 1.70GHz	9458	443	NA	NA
Intel Xeon E-2274G @ 4.00GHz	12595	266	37.71	\$334.00*
Intel Xeon E-2276G @ 3.80GHz	14143	209	39.07	\$362.00*
Intel Xeon E-2276M @ 2.80GHz	14422	199	32.05	\$450.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2278G @ 3.40GHz	17670	117	35.77	\$494.00*
Intel Xeon E-2278GEL @ 2.00GHz	13914	218	28.17	\$494.00*
Intel Xeon E-2286G @ 4.00GHz	16671	136	37.05	\$450.00*
Intel Xeon E-2286M @ 2.40GHz	18314	110	29.40	\$623.00*
Intel Xeon E-2288G @ 3.70GHz	19658	94	36.47	\$539.00*
Intel Xeon E3-1220 @ 3.10GHz	6253	767	130.28	\$48.00
Intel Xeon E3-1220 V2 @ 3.10GHz	6739	722	168.71	\$39.95
Intel Xeon E3-1220 v3 @ 3.10GHz	7186	680	53.64	\$133.99
Intel Xeon E3-1220 v5 @ 3.00GHz	7772	623	29.17	\$266.46*
Intel Xeon E3-1220 v6 @ 3.00GHz	7752	626	32.55	\$238.15
Intel Xeon E3-1220L @ 2.20GHz	3606	1239	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	1065	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2070	1763	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	6101	788	95.36	\$63.99
Intel Xeon E3-1225 V2 @ 3.20GHz	6978	696	101.14	\$69.00
Intel Xeon E3-1225 v3 @ 3.20GHz	7250	672	53.32	\$135.99
Intel Xeon E3-1225 v5 @ 3.30GHz	7826	615	29.20	\$268.04
Intel Xeon E3-1225 v6 @ 3.30GHz	7958	602	31.34	\$253.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7581	642	12.74	\$595.00*
Intel Xeon E3-1230 @ 3.20GHz	7851	611	81.79	\$95.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1230 V2 @ 3.30GHz	8869	509	113.72	\$78.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9327	454	43.38	\$215.00
Intel Xeon E3-1230 v5 @ 3.40GHz	9746	415	23.65	\$412.18*
Intel Xeon E3-1230 v6 @ 3.50GHz	9784	410	36.38	\$269.00
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	675	25.12	\$287.90*
Intel Xeon E3-1231 v3 @ 3.40GHz	9632	428	18.89	\$509.95
Intel Xeon E3-1235 @ 3.20GHz	7759	625	31.80	\$244.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	749	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7975	601	81.39	\$97.99
Intel Xeon E3-1240 V2 @ 3.40GHz	9155	471	72.71	\$125.92
Intel Xeon E3-1240 v3 @ 3.40GHz	9677	421	25.18	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10317	359	30.20	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10472	354	33.25	\$314.99
Intel Xeon E3-1240L v3 @ 2.00GHz	7486	647	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	620	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10022	382	27.09	\$369.99*
Intel Xeon E3-1245 @ 3.30GHz	8041	584	75.88	\$105.99
Intel Xeon E3-1245 V2 @ 3.40GHz	9133	473	58.18	\$156.99
Intel Xeon E3-1245 v3 @ 3.40GHz	9591	430	37.61	\$255.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10169	370	29.45	\$345.31*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1245 v6 @ 3.70GHz	10533	348	32.31	\$325.99
Intel Xeon E3-1246 v3 @ 3.50GHz	9864	402	24.12	\$409.00*
Intel Xeon E3-1260L @ 2.40GHz	6240	768	111.40	\$56.02
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	366	13.88	\$736.16*
Intel Xeon E3-1265L @ 2.40GHz	5961	801	6.49	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7455	653	50.37	\$148.00*
Intel Xeon E3-1265L v3 @ 2.50GHz	9204	469	12.97	\$709.95
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	481	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	612	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	525	19.05	\$456.54*
Intel Xeon E3-1270 @ 3.40GHz	8254	566	26.20	\$315.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9472	438	49.86	\$189.99
Intel Xeon E3-1270 v3 @ 3.50GHz	9922	395	49.61	\$199.99
Intel Xeon E3-1270 v5 @ 3.60GHz	10279	363	21.53	\$477.46
Intel Xeon E3-1270 v6 @ 3.80GHz	11171	308	28.79	\$388.05
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	336	NA	NA
Intel Xeon E3-1271 v3 @ 3.60GHz	10117	375	11.39	\$888.00*
Intel Xeon E3-1275 @ 3.40GHz	8111	580	26.68	\$304.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9435	447	23.91	\$394.72*
Intel Xeon E3-1275 v3 @ 3.50GHz	10048	380	25.06	\$400.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1275 v5 @ 3.60GHz	10353	357	27.28	\$379.52*
Intel Xeon E3-1275 v6 @ 3.80GHz	11028	314	30.38	\$362.95
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	505	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10209	368	9.51	\$1,073.00*
Intel Xeon E3-1280 @ 3.50GHz	8416	552	25.34	\$332.20
Intel Xeon E3-1280 V2 @ 3.60GHz	9445	444	26.24	\$360.00
Intel Xeon E3-1280 v3 @ 3.60GHz	9760	414	21.74	\$449.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	10620	344	15.39	\$690.01*
Intel Xeon E3-1280 v6 @ 3.90GHz	11041	313	20.89	\$528.49
Intel Xeon E3-1281 v3 @ 3.70GHz	10031	381	11.43	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10509	353	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	352	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11992	286	18.58	\$645.40
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	391	12.35	\$808.02*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	321	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	397	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	437	12.27	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8768	516	9.91	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9653	423	10.91	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	759	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1505L v6 @ 2.20GHz	7887	607	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8956	496	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9670	422	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10016	384	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9309	458	14.94	\$623.00*
Intel Xeon E3-1535M v6 @ 3.10GHz	10538	347	16.92	\$623.00*
Intel Xeon E3-1545M v5 @ 2.90GHz	10313	360	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10616	345	8.80	\$1,207.00*
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	332	19.42	\$556.00*
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	372	22.78	\$445.00*
Intel Xeon E3110 @ 3.00GHz	2159	1726	93.93	\$22.99*
Intel Xeon E3113 @ 3.00GHz	2427	1619	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1697	NA	NA
Intel Xeon E5-1410 @ 2.80GHz	7265	671	148.31	\$48.99*
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	655	NA	NA
Intel Xeon E5-1428L v2 @ 2.20GHz	8679	528	17.57	\$494.00*
Intel Xeon E5-1603 @ 2.80GHz	5578	849	279.36	\$19.97*
Intel Xeon E5-1603 v3 @ 2.80GHz	6208	773	62.09	\$99.99*
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	751	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5871	810	210.09	\$27.95*
Intel Xeon E5-1607 v2 @ 3.00GHz	6217	771	177.91	\$34.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1607 v3 @ 3.10GHz	7029	691	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7270	670	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9067	479	139.50	\$65.00*
Intel Xeon E5-1620 v2 @ 3.70GHz	9500	436	161.05	\$58.99
Intel Xeon E5-1620 v3 @ 3.50GHz	9745	416	76.21	\$127.88*
Intel Xeon E5-1620 v4 @ 3.50GHz	9903	396	25.92	\$382.13
Intel Xeon E5-1630 v3 @ 3.70GHz	10228	365	21.40	\$477.99
Intel Xeon E5-1630 v4 @ 3.70GHz	10310	361	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11735	292	23.71	\$495.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12750	260	117.03	\$108.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13627	229	106.62	\$127.81
Intel Xeon E5-1650 v4 @ 3.60GHz	14218	206	27.99	\$508.00*
Intel Xeon E5-1660 @ 3.30GHz	12246	278	9.98	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13919	217	49.36	\$281.99*
Intel Xeon E5-1660 v3 @ 3.00GHz	14656	193	9.07	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16203	151	13.18	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16250	150	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16317	147	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17063	127	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	112	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2403 @ 1.80GHz	3523	1261	73.80	\$47.75*
Intel Xeon E5-2403 v2 @ 1.80GHz	3590	1246	161.73	\$22.20*
Intel Xeon E5-2407 @ 2.20GHz	4188	1112	49.32	\$84.92*
Intel Xeon E5-2407 v2 @ 2.40GHz	4724	1000	13.13	\$359.95
Intel Xeon E5-2418L @ 2.00GHz	5202	909	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7063	689	18.11	\$390.02*
Intel Xeon E5-2420 v2 @ 2.20GHz	8750	520	210.51	\$41.57
Intel Xeon E5-2430 @ 2.20GHz	7695	630	76.10	\$101.12*
Intel Xeon E5-2430 v2 @ 2.50GHz	9061	480	90.61	\$100.00*
Intel Xeon E5-2430L @ 2.00GHz	7834	614	242.71	\$32.28*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	736	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9221	467	230.59	\$39.99
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	460	18.22	\$509.95*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	497	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10332	358	172.26	\$59.98*
Intel Xeon E5-2450L @ 1.80GHz	8261	565	63.55	\$130.00*
Intel Xeon E5-2470 @ 2.30GHz	10986	317	85.83	\$128.00*
Intel Xeon E5-2470 v2 @ 2.40GHz	11268	306	52.26	\$215.64*
Intel Xeon E5-2603 @ 1.80GHz	3591	1245	75.05	\$47.85*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1200	39.48	\$95.40

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	913	77.05	\$67.23
Intel Xeon E5-2603 v4 @ 1.70GHz	5504	861	21.17	\$260.00*
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	610	17.82	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4616	1021	165.13	\$27.96
Intel Xeon E5-2609 v2 @ 2.50GHz	5160	916	166.51	\$30.99
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	806	55.66	\$106.03*
Intel Xeon E5-2609 v4 @ 1.70GHz	6925	706	19.25	\$359.73*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	282	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	195	18.71	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7904	605	272.66	\$28.99
Intel Xeon E5-2620 v2 @ 2.10GHz	8611	533	215.35	\$39.99
Intel Xeon E5-2620 v3 @ 2.40GHz	9986	389	118.89	\$84.00
Intel Xeon E5-2620 v4 @ 2.10GHz	11324	304	28.54	\$396.75
Intel Xeon E5-2623 v3 @ 3.00GHz	8987	489	13.85	\$649.00*
Intel Xeon E5-2623 v4 @ 2.60GHz	8506	543	15.50	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	449	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	274	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	247	9.61	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	315	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8928	500	223.54	\$39.94*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2630 v2 @ 2.60GHz	10378	355	236.20	\$43.94
Intel Xeon E5-2630 v3 @ 2.40GHz	12797	257	137.61	\$93.00
Intel Xeon E5-2630 v4 @ 2.20GHz	13913	219	24.89	\$559.00
Intel Xeon E5-2630L @ 2.00GHz	8041	585	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	477	232.44	\$39.10*
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	417	28.62	\$339.95*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	255	NA	NA
Intel Xeon E5-2637 @ 3.00GHz	4508	1046	5.09	\$885.00*
Intel Xeon E5-2637 v2 @ 3.50GHz	9224	466	63.62	\$145.00*
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	374	53.25	\$190.00
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	351	7.46	\$1,409.00
Intel Xeon E5-2640 @ 2.50GHz	9420	448	96.89	\$97.23*
Intel Xeon E5-2640 v2 @ 2.00GHz	10213	367	64.21	\$159.07
Intel Xeon E5-2640 v3 @ 2.60GHz	13864	222	102.70	\$135.00*
Intel Xeon E5-2640 v4 @ 2.40GHz	15420	175	16.76	\$920.27*
Intel Xeon E5-2643 @ 3.30GHz	8452	546	143.33	\$58.97
Intel Xeon E5-2643 v2 @ 3.50GHz	13121	245	86.12	\$152.36
Intel Xeon E5-2643 v3 @ 3.40GHz	13887	220	53.41	\$259.99
Intel Xeon E5-2643 v4 @ 3.40GHz	13475	238	7.48	\$1,801.96
Intel Xeon E5-2648L @ 1.80GHz	6698	729	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E5-2648L v2 @ 1.90GHz</u>	11381	300	<u>7.70</u>	<u>\$1,479.00*</u>
<u>Intel Xeon E5-2648L v3 @ 1.80GHz</u>	11392	299	<u>7.30</u>	<u>\$1,560.86*</u>
<u>Intel Xeon E5-2648L v4 @ 1.80GHz</u>	13654	228	NA	NA
<u>Intel Xeon E5-2649 v3 @ 2.30GHz</u>	14677	192	NA	NA
<u>Intel Xeon E5-2650 @ 2.00GHz</u>	10265	364	<u>235.98</u>	<u>\$43.50</u>
<u>Intel Xeon E5-2650 v2 @ 2.60GHz</u>	13244	242	<u>151.21</u>	<u>\$87.59</u>
<u>Intel Xeon E5-2650 v3 @ 2.30GHz</u>	14883	189	<u>125.07</u>	<u>\$119.00</u>
<u>Intel Xeon E5-2650 v4 @ 2.20GHz</u>	15867	164	<u>15.73</u>	<u>\$1,009.00*</u>
<u>Intel Xeon E5-2650L @ 1.80GHz</u>	8483	545	<u>63.69</u>	<u>\$133.20</u>
<u>Intel Xeon E5-2650L v2 @ 1.70GHz</u>	9880	401	<u>131.74</u>	<u>\$75.00</u>
<u>Intel Xeon E5-2650L v3 @ 1.80GHz</u>	13513	235	<u>58.19</u>	<u>\$232.22</u>
<u>Intel Xeon E5-2650L v4 @ 1.70GHz</u>	14093	211	<u>9.42</u>	<u>\$1,496.00*</u>
<u>Intel Xeon E5-2651 v2 @ 1.80GHz</u>	11302	305	NA	NA
<u>Intel Xeon E5-2658 @ 2.10GHz</u>	9632	427	<u>6.59</u>	<u>\$1,462.00*</u>
<u>Intel Xeon E5-2658 v2 @ 2.40GHz</u>	13874	221	<u>77.09</u>	<u>\$179.99*</u>
<u>Intel Xeon E5-2658 v3 @ 2.20GHz</u>	16298	149	NA	NA
<u>Intel Xeon E5-2658 v4 @ 2.30GHz</u>	17275	123	NA	NA
<u>Intel Xeon E5-2660 @ 2.20GHz</u>	11259	307	<u>85.41</u>	<u>\$131.82*</u>
<u>Intel Xeon E5-2660 v2 @ 2.20GHz</u>	13142	244	<u>61.73</u>	<u>\$212.89*</u>
<u>Intel Xeon E5-2660 v3 @ 2.60GHz</u>	16429	142	<u>51.35</u>	<u>\$319.95</u>

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	132	11.25	\$1,499.99*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	214	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11746	291	114.75	\$102.37*
Intel Xeon E5-2667 @ 2.90GHz	10670	340	206.39	\$51.70*
Intel Xeon E5-2667 v2 @ 3.30GHz	16165	152	48.98	\$330.00*
Intel Xeon E5-2667 v3 @ 3.20GHz	16011	157	51.82	\$309.00
Intel Xeon E5-2667 v4 @ 3.20GHz	16631	138	8.53	\$1,949.03*
Intel Xeon E5-2670 @ 2.60GHz	12371	272	90.90	\$136.10
Intel Xeon E5-2670 v2 @ 2.50GHz	15021	184	71.87	\$209.00*
Intel Xeon E5-2670 v3 @ 2.30GHz	16765	133	108.17	\$154.99
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	146	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16440	140	23.49	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21458	64	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15137	180	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17608	121	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16993	129	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	33	9.35	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12888	253	173.42	\$74.32
Intel Xeon E5-2680 v2 @ 2.80GHz	15890	162	111.67	\$142.30
Intel Xeon E5-2680 v3 @ 2.50GHz	18426	109	99.61	\$184.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2680 v4 @ 2.40GHz	19864	85	13.16	\$1,509.00*
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	77	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17325	122	33.97	\$509.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	102	8.62	\$2,208.93*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	185	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	99	NA	NA
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	88	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14342	203	69.29	\$207.00
Intel Xeon E5-2687W v2 @ 3.40GHz	16343	145	48.79	\$335.00
Intel Xeon E5-2687W v3 @ 3.10GHz	17795	116	30.16	\$589.99
Intel Xeon E5-2687W v4 @ 3.00GHz	19863	86	9.13	\$2,174.99*
Intel Xeon E5-2689 @ 2.60GHz	13277	241	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	90	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13727	225	106.16	\$129.31
Intel Xeon E5-2690 v2 @ 3.00GHz	16391	143	60.13	\$272.58*
Intel Xeon E5-2690 v3 @ 2.60GHz	19240	100	83.65	\$230.00
Intel Xeon E5-2690 v4 @ 2.60GHz	21167	69	9.75	\$2,169.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	156	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	16041	154	61.94	\$258.99
Intel Xeon E5-2695 v3 @ 2.30GHz	19710	92	40.23	\$489.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	79	3.49	\$5,808.00*
Intel Xeon E5-2696 v2 @ 2.50GHz	16920	131	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22172	54	8.88	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	68	7.05	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17176	125	55.59	\$309.00
Intel Xeon E5-2697 v3 @ 2.60GHz	21425	67	44.12	\$485.60
Intel Xeon E5-2697 v4 @ 2.30GHz	21435	66	7.02	\$3,054.99*
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	52	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	70	34.55	\$609.00
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	61	6.02	\$3,629.59*
Intel Xeon E5-2699 v3 @ 2.30GHz	22340	53	18.48	\$1,209.00*
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	47	5.53	\$4,239.00
Intel Xeon E5-4603 @ 2.00GHz	5014	948	89.27	\$56.17*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	465	NA	NA
Intel Xeon E5-4610 @ 2.40GHz	9552	432	7.81	\$1,223.00*
Intel Xeon E5-4610 v3 @ 1.70GHz	8853	510	7.26	\$1,219.00*
Intel Xeon E5-4617 @ 2.90GHz	9313	456	103.59	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	9248	462	68.91	\$134.21*
Intel Xeon E5-4627 v2 @ 3.30GHz	12511	268	24.58	\$508.95*
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	197	6.04	\$2,400.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon E5-4627 v4 @ 2.60GHz</u>	15516	173	<u>6.97</u>	<u>\$2,225.00*</u>
<u>Intel Xeon E5-4640 @ 2.40GHz</u>	10807	331	<u>3.96</u>	<u>\$2,730.00*</u>
<u>Intel Xeon E5-4640 v3 @ 1.90GHz</u>	12703	261	NA	NA
<u>Intel Xeon E5-4648 v3 @ 1.70GHz</u>	11097	311	NA	NA
<u>Intel Xeon E5-4650 @ 2.70GHz</u>	11685	295	<u>166.96</u>	<u>\$69.99*</u>
<u>Intel Xeon E5-4650L @ 2.60GHz</u>	12145	283	<u>161.98</u>	<u>\$74.98*</u>
<u>Intel Xeon E5-4655 v3 @ 2.90GHz</u>	12292	275	<u>2.66</u>	<u>\$4,616.00*</u>
<u>Intel Xeon E5-4657L v2 @ 2.40GHz</u>	15896	161	<u>11.36</u>	<u>\$1,399.00*</u>
<u>Intel Xeon E5-4660 v3 @ 2.10GHz</u>	15849	165	<u>3.30</u>	<u>\$4,800.00*</u>
<u>Intel Xeon E5-4669 v3 @ 2.10GHz</u>	19615	96	<u>3.63</u>	<u>\$5,400.00*</u>
<u>Intel Xeon E5-4669 v4 @ 2.20GHz</u>	13626	230	NA	NA
<u>Intel Xeon E5205 @ 1.86GHz</u>	1401	2090	<u>148.77</u>	<u>\$9.42*</u>
<u>Intel Xeon E5240 @ 3.00GHz</u>	2424	1620	<u>27.31</u>	<u>\$88.78*</u>
<u>Intel Xeon E5310 @ 1.60GHz</u>	2214	1708	<u>45.19</u>	<u>\$49.00*</u>
<u>Intel Xeon E5320 @ 1.86GHz</u>	2288	1670	<u>59.05</u>	<u>\$38.75*</u>
<u>Intel Xeon E5335 @ 2.00GHz</u>	2513	1589	<u>141.45</u>	<u>\$17.77*</u>
<u>Intel Xeon E5345 @ 2.33GHz</u>	2886	1468	<u>72.17</u>	<u>\$39.99*</u>
<u>Intel Xeon E5405 @ 2.00GHz</u>	2835	1478	<u>70.97</u>	<u>\$39.95*</u>
<u>Intel Xeon E5410 @ 2.33GHz</u>	3259	1330	<u>15.60</u>	<u>\$208.95*</u>
<u>Intel Xeon E5420 @ 2.50GHz</u>	3481	1276	<u>55.31</u>	<u>\$62.95*</u>
<u>Intel Xeon E5430 @ 2.66GHz</u>	3751	1206	<u>33.80</u>	<u>\$110.99*</u>
<u>Intel Xeon E5440 @ 2.83GHz</u>	3956	1155	<u>39.96</u>	<u>\$99.00*</u>
<u>Intel Xeon E5450 @ 3.00GHz</u>	4179	1115	<u>13.98</u>	<u>\$298.94*</u>
<u>Intel Xeon E5462 @ 2.80GHz</u>	3872	1172	<u>141.84</u>	<u>\$27.30*</u>
<u>Intel Xeon E5472 @ 3.00GHz</u>	4085	1132	<u>136.02</u>	<u>\$30.04*</u>
<u>Intel Xeon E5502 @ 1.87GHz</u>	1378	2103	<u>14.51</u>	<u>\$95.00*</u>
<u>Intel Xeon E5503 @ 2.00GHz</u>	1381	2100	<u>4.81</u>	<u>\$287.01*</u>
<u>Intel Xeon E5504 @ 2.00GHz</u>	2680	1529	<u>38.32</u>	<u>\$69.95*</u>

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5506 @ 2.13GHz	2975	1429	47.22	\$63.01*
Intel Xeon E5507 @ 2.27GHz	3125	1380	6.84	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4377	1074	90.24	\$48.51
Intel Xeon E5530 @ 2.40GHz	4494	1049	345.72	\$13.00*
Intel Xeon E5540 @ 2.53GHz	4747	999	80.46	\$59.00*
Intel Xeon E5603 @ 1.60GHz	2364	1646	18.32	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3054	1406	18.29	\$167.00*
Intel Xeon E5607 @ 2.27GHz	3371	1303	48.71	\$69.21*
Intel Xeon E5620 @ 2.40GHz	4770	992	80.87	\$58.99*
Intel Xeon E5630 @ 2.53GHz	5055	935	144.43	\$35.00*
Intel Xeon E5640 @ 2.67GHz	5250	900	187.60	\$27.99*
Intel Xeon E5645 @ 2.40GHz	6422	754	78.99	\$81.31*
Intel Xeon E5649 @ 2.53GHz	6869	710	66.01	\$104.07*
Intel Xeon E7- 2830 @ 2.13GHz	3118	1383	1.75	\$1,779.00*
Intel Xeon E7320 @ 2.13GHz	2413	1624	NA	NA
Intel Xeon Gold 5117 @ 2.00GHz	16672	135	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16435	141	15.21	\$1,080.87*
Intel Xeon Gold 5120 @ 2.20GHz	18253	111	11.69	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	114	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	10896	325	8.58	\$1,269.99
Intel Xeon Gold 5218 @ 2.30GHz	22576	51	15.43	\$1,462.79
Intel Xeon Gold 6126 @ 2.60GHz	19711	91	10.43	\$1,889.97*
Intel Xeon Gold 6128 @ 3.40GHz	14941	187	8.49	\$1,759.75*
Intel Xeon Gold 6130 @ 2.10GHz	19643	95	11.02	\$1,783.09
Intel Xeon Gold 6132 @ 2.60GHz	23907	43	10.87	\$2,199.90*
Intel Xeon Gold 6134 @ 3.20GHz	18206	113	8.06	\$2,260.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Gold 6136 @ 3.00GHz	21034	71	8.05	\$2,613.59*
Intel Xeon Gold 6137 @ 3.90GHz	20443	76	NA	NA
Intel Xeon Gold 6138 @ 2.00GHz	25774	27	9.84	\$2,619.49
Intel Xeon Gold 6140 @ 2.30GHz	23964	42	9.82	\$2,439.99*
Intel Xeon Gold 6144 @ 3.50GHz	19667	93	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	35	5.46	\$4,608.95*
Intel Xeon Gold 6148 @ 2.40GHz	25817	26	8.83	\$2,925.00*
Intel Xeon Gold 6152 @ 2.10GHz	23498	45	5.64	\$4,164.73
Intel Xeon Gold 6154 @ 3.00GHz	27722	20	7.45	\$3,718.95
Intel Xeon Gold 6210U @ 2.50GHz	28560	15	13.87	\$2,059.86*
Intel Xeon Gold 6212U @ 2.40GHz	28060	19	14.03	\$2,000.00*
Intel Xeon Gold 6230 @ 2.10GHz	24600	36	12.75	\$1,929.50
Intel Xeon Gold 6242 @ 2.80GHz	25313	31	9.45	\$2,678.99
Intel Xeon Gold 6246 @ 3.30GHz	25734	29	7.83	\$3,286.00*
Intel Xeon Gold 6254 @ 3.10GHz	30018	11	8.09	\$3,709.00
Intel Xeon L3110 @ 3.00GHz	2273	1679	NA	NA
Intel Xeon L3360 @ 2.83GHz	3764	1201	42.18	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	2125	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3943	1163	8.82	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1887	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1681	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1676	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1733	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1508	146.68	\$18.79*
Intel Xeon L5408 @ 2.13GHz	3014	1413	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5410 @ 2.33GHz	3358	1304	33.56	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3501	1271	127.32	\$27.50*
Intel Xeon L5430 @ 2.66GHz	3712	1216	23.51	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	1214	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4324	1087	337.35	\$12.82*
Intel Xeon L5530 @ 2.40GHz	4389	1072	227.93	\$19.26*
Intel Xeon L5630 @ 2.13GHz	4338	1083	206.69	\$20.99*
Intel Xeon L5638 @ 2.00GHz	5622	840	80.43	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6869	709	NA	NA
Intel Xeon L5640 @ 2.27GHz	6232	770	74.77	\$83.36*
Intel Xeon L7455 @ 2.13GHz	3836	1182	NA	NA
Intel Xeon MV 3.20GHz	683	2493	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26835	23	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	702	NA	NA
Intel Xeon Platinum 8168 @ 2.70GHz	29131	13	4.95	\$5,890.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	14	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28103	18	NA	NA
Intel Xeon Platinum 8176 @ 2.10GHz	24434	41	2.80	\$8,725.00*
Intel Xeon Silver 4108 @ 1.80GHz	10704	335	20.99	\$509.95*
Intel Xeon Silver 4109T @ 2.00GHz	10946	323	21.85	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11657	296	25.13	\$463.86
Intel Xeon Silver 4112 @ 2.60GHz	8611	534	16.75	\$513.99*
Intel Xeon Silver 4114 @ 2.20GHz	14317	204	24.86	\$575.89
Intel Xeon Silver 4116 @ 2.10GHz	15509	174	17.15	\$904.25*
Intel Xeon Silver 4123 @ 3.00GHz	15185	179	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon Silver 4208 @ 2.10GHz</u>	13116	246	<u>16.21</u>	<u>\$808.95</u>
<u>Intel Xeon Silver 4210 @ 2.20GHz</u>	15898	160	<u>26.99</u>	<u>\$589.00*</u>
<u>Intel Xeon Silver 4214 @ 2.20GHz</u>	17630	118	<u>22.07</u>	<u>\$799.00</u>
<u>Intel Xeon Silver 4215 @ 2.50GHz</u>	15200	178	<u>15.89</u>	<u>\$956.57</u>
<u>Intel Xeon Silver 4216 @ 2.10GHz</u>	19538	97	<u>18.39</u>	<u>\$1,062.70</u>
<u>Intel Xeon W-2102 @ 2.90GHz</u>	6981	694	<u>29.70</u>	<u>\$235.05*</u>
<u>Intel Xeon W-2104 @ 3.20GHz</u>	7418	657	<u>29.09</u>	<u>\$255.00*</u>
<u>Intel Xeon W-2123 @ 3.60GHz</u>	10663	341	<u>33.43</u>	<u>\$318.99</u>
<u>Intel Xeon W-2125 @ 4.00GHz</u>	12321	273	<u>20.24</u>	<u>\$608.73</u>
<u>Intel Xeon W-2133 @ 3.60GHz</u>	14374	200	<u>23.30</u>	<u>\$617.00*</u>
<u>Intel Xeon W-2135 @ 3.70GHz</u>	16299	148	<u>18.18</u>	<u>\$896.60*</u>
<u>Intel Xeon W-2140B @ 3.20GHz</u>	18620	105	NA	NA
<u>Intel Xeon W-2145 @ 3.70GHz</u>	19770	89	<u>16.63</u>	<u>\$1,188.75*</u>
<u>Intel Xeon W-2150B @ 3.00GHz</u>	21451	65	NA	NA
<u>Intel Xeon W-2155 @ 3.30GHz</u>	21917	59	<u>14.32</u>	<u>\$1,530.39*</u>
<u>Intel Xeon W-2170B @ 2.50GHz</u>	24561	38	NA	NA
<u>Intel Xeon W-2175 @ 2.50GHz</u>	24454	40	<u>11.79</u>	<u>\$2,073.34*</u>
<u>Intel Xeon W-2195 @ 2.30GHz</u>	24481	39	<u>9.09</u>	<u>\$2,693.26*</u>
<u>Intel Xeon W-3175X @ 3.10GHz</u>	33538	5	<u>10.65</u>	<u>\$3,148.34</u>
<u>Intel Xeon W-3235 @ 3.30GHz</u>	25759	28	<u>15.75</u>	<u>\$1,635.77*</u>

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W-3265 @ 2.70GHz	31691	8	6.96	\$4,551.37*
Intel Xeon W3503 @ 2.40GHz	1757	1910	175.90	\$9.99*
Intel Xeon W3505 @ 2.53GHz	1844	1873	74.18	\$24.86*
Intel Xeon W3520 @ 2.67GHz	4940	960	102.92	\$48.00*
Intel Xeon W3530 @ 2.80GHz	5217	907	17.75	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5399	877	271.06	\$19.92*
Intel Xeon W3550 @ 3.07GHz	5565	852	185.59	\$29.99*
Intel Xeon W3565 @ 3.20GHz	5775	822	288.94	\$19.99*
Intel Xeon W3570 @ 3.20GHz	6047	796	12.60	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6183	775	28.83	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8021	591	16.04	\$499.99*
Intel Xeon W3680 @ 3.33GHz	8904	503	55.67	\$159.95*
Intel Xeon W3690 @ 3.47GHz	8965	492	45.97	\$195.01*
Intel Xeon W5580 @ 3.20GHz	5836	816	84.59	\$68.99
Intel Xeon W5590 @ 3.33GHz	6088	792	2.43	\$2,508.95*
Intel Xeon X3210 @ 2.13GHz	2740	1513	14.76	\$185.71*
Intel Xeon X3220 @ 2.40GHz	3088	1392	51.35	\$60.15*
Intel Xeon X3230 @ 2.66GHz	3397	1293	47.51	\$71.50*
Intel Xeon X3320 @ 2.50GHz	3306	1321	14.41	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3178	1358	164.16	\$19.36*
Intel Xeon X3330 @ 2.66GHz	3340	1312	15.91	\$210.00*
Intel Xeon X3350 @ 2.66GHz	3820	1187	63.69	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	1178	52.43	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3925	1167	24.85	\$157.95*
Intel Xeon X3363 @ 2.83GHz	3982	1148	116.82	\$34.09*
Intel Xeon X3370 @ 3.00GHz	4293	1094	11.70	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4600	1027	9.02	\$509.95*
Intel Xeon X3430 @ 2.40GHz	3344	1310	104.54	\$31.99*
Intel Xeon X3440 @ 2.53GHz	4509	1045	31.77	\$141.96*
Intel Xeon X3450 @ 2.67GHz	4748	997	59.39	\$79.95*
Intel Xeon X3460 @ 2.80GHz	5147	919	14.42	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5337	891	33.37	\$159.95*
Intel Xeon X3480 @ 3.07GHz	5658	835	NA	NA
Intel Xeon X5260 @ 3.33GHz	2455	1610	45.47	\$54.00*
Intel Xeon X5270 @ 3.50GHz	2553	1573	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1633	17.10	\$140.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5355 @ 2.66GHz	3170	1362	10.23	\$309.95*
Intel Xeon X5365 @ 3.00GHz	3524	1260	45.19	\$77.99*
Intel Xeon X5450 @ 3.00GHz	4106	1128	68.48	\$59.96*
Intel Xeon X5460 @ 3.16GHz	4323	1088	43.33	\$99.78*
Intel Xeon X5470 @ 3.33GHz	4577	1033	24.22	\$189.00*
Intel Xeon X5472 @ 3.00GHz	4001	1144	17.78	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4528	1043	45.29	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4865	974	3.50	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5270	898	17.29	\$304.85*
Intel Xeon X5560 @ 2.80GHz	5389	879	158.56	\$33.99*
Intel Xeon X5570 @ 2.93GHz	5615	843	23.40	\$239.95*
Intel Xeon X5647 @ 2.93GHz	5797	817	290.91	\$19.93*
Intel Xeon X5650 @ 2.67GHz	7290	668	102.13	\$71.39*
Intel Xeon X5660 @ 2.80GHz	7589	640	120.11	\$63.19*
Intel Xeon X5667 @ 3.07GHz	6198	774	265.70	\$23.33*
Intel Xeon X5670 @ 2.93GHz	7806	618	229.60	\$34.00
Intel Xeon X5672 @ 3.20GHz	6461	750	143.61	\$44.99*
Intel Xeon X5675 @ 3.07GHz	7993	596	150.84	\$52.99
Intel Xeon X5677 @ 3.47GHz	6755	719	79.47	\$85.00*
Intel Xeon X5679 @ 3.20GHz	8958	494	NA	NA
Intel Xeon X5680 @ 3.33GHz	8354	559	126.09	\$66.26
Intel Xeon X5687 @ 3.60GHz	6962	699	174.63	\$39.87
Intel Xeon X5690 @ 3.47GHz	8787	514	86.03	\$102.15
Intel Xeon X5698 @ 4.40GHz	4272	1096	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1427	NA	NA
Mobile AMD Athlon 1400+	266	2871	NA	NA
Mobile AMD Athlon 2500+	370	2735	NA	NA
Mobile AMD Athlon 4	314	2796	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2751	NA	NA
Mobile AMD Athlon 64 2700+	398	2702	NA	NA
Mobile AMD Athlon 64 2800+	440	2653	NA	NA
Mobile AMD Athlon 64 3000+	450	2642	NA	NA
Mobile AMD Athlon 64 3200+	448	2645	NA	NA
Mobile AMD Athlon 64 3400+	511	2584	NA	NA
Mobile AMD Athlon 64 3700+	435	2663	NA	NA
Mobile AMD Athlon 64 4000+	576	2545	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon MP-M 1800+	265	2872	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2725	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2825	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2596	NA	NA
Mobile AMD Athlon XP	572	2549	45.81	\$12.49
Mobile AMD Athlon XP-M	512	2583	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2587	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2833	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2824	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2773	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2732	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2618	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2590	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2953	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2875	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2877	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2784	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2820	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2768	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2814	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2745	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 2400+	346	2763	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2761	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2734	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2743	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2742	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2654	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2602	NA	NA
Mobile AMD Sempron 2100+	252	2886	NA	NA
Mobile AMD Sempron 2600+	394	2708	NA	NA
Mobile AMD Sempron 2800+	364	2746	NA	NA
Mobile AMD Sempron 3000+	389	2719	NA	NA
Mobile AMD Sempron 3100+	416	2676	NA	NA
Mobile AMD Sempron 3200+	354	2755	NA	NA
Mobile AMD Sempron 3300+	446	2649	NA	NA
Mobile AMD Sempron 3400+	441	2652	NA	NA
Mobile AMD Sempron 3500+	408	2685	NA	NA
Mobile AMD Sempron 3600+	427	2670	NA	NA
Mobile AMD Sempron 3800+	485	2607	NA	NA
Mobile Intel Celeron 1.20GHz	170	2964	NA	NA
Mobile Intel Celeron 1.50GHz	188	2948	NA	NA
Mobile Intel Celeron 1.60GHz	188	2949	NA	NA
Mobile Intel Celeron 1.70GHz	181	2957	NA	NA
Mobile Intel Celeron 1.80GHz	186	2951	NA	NA
Mobile Intel Celeron 1200MHz	294	2826	NA	NA
Mobile Intel Celeron 1333MHz	280	2854	NA	NA
Mobile Intel Celeron 2.00GHz	204	2933	NA	NA
Mobile Intel Celeron 2.20GHz	226	2913	NA	NA
Mobile Intel Celeron 2.40GHz	236	2905	NA	NA
Mobile Intel Celeron 2.50GHz	281	2852	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 - M 1.60GHz	195	2942	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2963	1.10	\$157.81
Mobile Intel Pentium 4 - M 1.80GHz	175	2960	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2908	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2937	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2939	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2923	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2881	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2798	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2859	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2874	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2856	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2794	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2770	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2752	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2655	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2615	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2889	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2831	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2914	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium III - M 1333MHz	289	2832	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2926	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2938	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1595	NA	NA
Quad-Core AMD Opteron 1385	3442	1284	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3446	1283	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1448	NA	NA
VIA C3 Ezra	100	2992	NA	NA
VIA C7 1500MHz	284	2843	NA	NA
VIA C7-D 1500MHz	287	2839	NA	NA
VIA C7-D 1800MHz	203	2934	NA	NA
VIA C7-D 2000MHz	368	2738	NA	NA
VIA C7-M 1000MHz	164	2966	NA	NA
VIA C7-M 1200MHz	140	2979	NA	NA
VIA C7-M 1600MHz	178	2959	NA	NA
VIA C7-M 6300MHz	222	2916	NA	NA
VIA Eden 1000MHz	123	2987	NA	NA
VIA Eden 1200MHz	142	2978	NA	NA
VIA Eden 800MHz	155	2970	NA	NA
VIA Eden C1050@1.06GHz	352	2758	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	499	2593	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1262	2174	NA	NA
VIA Esther 1000MHz	146	2977	NA	NA
VIA Esther 1300MHz	250	2888	NA	NA
VIA Esther 1500MHz	195	2943	NA	NA
VIA Esther 2000MHz	394	2707	NA	NA
VIA Nano L1900@1400MHz	457	2635	NA	NA
VIA Nano L2007@1600MHz	369	2736	NA	NA
VIA Nano L2100@1800MHz	428	2668	NA	NA
VIA Nano L2207@1600MHz	296	2822	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano L3025@1600MHz	517	2580	NA	NA
VIA Nano L3050@1800MHz	581	2542	NA	NA
VIA Nano L3600@2000MHz	645	2509	NA	NA
VIA Nano U2250 (1.6GHz Capable)	415	2677	NA	NA
VIA Nano U2250@1300+MHz	274	2862	NA	NA
VIA Nano U2500@1200MHz	306	2805	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2591	NA	NA
VIA Nano U3300@1200MHz	409	2684	NA	NA
VIA Nano U3500@1000MHz	272	2863	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2527	NA	NA
VIA Nehemiah	155	2971	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1845	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	2112	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	2222	NA	NA
VIA Samuel 2	79	2994	NA	NA
ZHAOXIN KaiXian KX- U6780A@2.7GHz	5760	826	NA	NA
ZHAOXIN KaiXian ZX-C+ C4700@2.0GHz	2069	1764	NA	NA

* - Last price seen from our affiliates.

Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Athlon 64 FX-72	3163	441	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	447	2.95	\$999.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Athlon MP 2000+	604	493	NA	NA
[Dual CPU] AMD EPYC 7251	12955	212	12.30	\$1,053.16
[Dual CPU] AMD EPYC 7261	12430	219	8.18	\$1,519.44
[Dual CPU] AMD EPYC 7281	13293	208	10.24	\$1,297.94
[Dual CPU] AMD EPYC 7371	19370	137	6.25	\$3,100.00*
[Dual CPU] AMD EPYC 7401	23518	84	7.24	\$3,249.80
[Dual CPU] AMD EPYC 7451	28957	49	15.45	\$1,874.84
[Dual CPU] AMD EPYC 7501	28991	48	7.03	\$4,121.72
[Dual CPU] AMD EPYC 7542	46721	3	NA	NA
[Dual CPU] AMD EPYC 7551	31452	36	11.08	\$2,839.80
[Dual CPU] AMD EPYC 7601	33545	28	5.33	\$6,299.12
[Dual CPU] AMD EPYC 7742	55574	1	4.00	\$13,900.00*
[Dual CPU] AMD EPYC 7H12	43958	5	NA	NA
[Dual CPU] AMD Opteron 2212	2203	470	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	465	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	463	NA	NA
[Dual CPU] AMD Opteron 2216	2485	462	48.16	\$51.60
[Dual CPU] AMD Opteron 2216 HE	2593	458	NA	NA
[Dual CPU] AMD Opteron 2218	2719	455	17.00	\$159.90
[Dual CPU] AMD Opteron 2218 HE	2514	459	NA	NA
[Dual CPU] AMD Opteron 2220	2841	450	17.77	\$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	448	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	445	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	439	45.30	\$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	429	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 2347 HE	3470	436	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	430	25.50	\$159.90*
[Dual CPU] AMD Opteron 2354	4554	418	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	421	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	400	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	427	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	414	36.92	\$130.00
[Dual CPU] AMD Opteron 2376	5238	401	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	399	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5560	393	61.78	\$90.00
[Dual CPU] AMD Opteron 2384	5714	386	3.40	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	373	NA	NA
[Dual CPU] AMD Opteron 2389	5677	387	48.11	\$118.00*
[Dual CPU] AMD Opteron 2419	5191	403	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	374	NA	NA
[Dual CPU] AMD Opteron 2427	5907	383	45.44	\$130.00
[Dual CPU] AMD Opteron 2431	6438	367	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7068	351	54.37	\$130.00
[Dual CPU] AMD Opteron 2439 SE	8071	321	44.84	\$179.98*
[Dual CPU] AMD Opteron 246	1130	482	28.26	\$39.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 248	1053	483	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	478	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	479	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	488	NA	NA
[Dual CPU] AMD Opteron 256	1853	475	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	473	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	469	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	472	13.00	\$164.10*
[Dual CPU] AMD Opteron 280	2452	464	18.86	\$130.00
[Dual CPU] AMD Opteron 285	2769	454	17.32	\$159.90
[Dual CPU] AMD Opteron 290	2716	456	10.06	\$270.00*
[Dual CPU] AMD Opteron 4122	4076	431	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	389	24.58	\$229.90*
[Dual CPU] AMD Opteron 4170 HE	6344	370	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	368	7.77	\$819.90*
[Dual CPU] AMD Opteron 4184	7813	325	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	320	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228 HE	7986	322	NA	NA
[Dual CPU] AMD Opteron 4234	8953	295	19.46	\$459.98*
[Dual CPU] AMD Opteron 4274 HE	6797	358	84.98	\$79.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 4276 HE	9681	279	NA	NA
[Dual CPU] AMD Opteron 4280	4525	419	45.25	\$100.00*
[Dual CPU] AMD Opteron 4284	9151	288	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9462	286	21.86	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	259	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	267	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11410	240	40.75	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	359	178.04	\$37.98
[Dual CPU] AMD Opteron 6128 HE	5582	392	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	314	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	305	NA	NA
[Dual CPU] AMD Opteron 6134	7586	337	86.22	\$87.98*
[Dual CPU] AMD Opteron 6136	7255	345	32.98	\$220.00*
[Quad CPU] AMD Opteron 6136	9767	277	22.20	\$440.00*
[Dual CPU] AMD Opteron 6164 HE	5109	406	NA	NA
[Dual CPU] AMD Opteron 6168	7741	332	6.67	\$1,159.90
[Dual CPU] AMD Opteron 6172	7621	336	19.24	\$396.00*
[Quad CPU] AMD Opteron 6174	8594	307	33.05	\$260.00
[Dual CPU] AMD Opteron 6174	7783	327	59.87	\$130.00
[Dual CPU] AMD Opteron 6176 SE	8448	310	26.57	\$318.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6180 SE	3114	442	16.40	\$189.90
[Dual CPU] AMD Opteron 6204	7134	347	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	299	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	254	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	272	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	261	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	9841	276	70.30	\$139.98
[Quad CPU] AMD Opteron 6272	12292	223	43.91	\$279.96
[Dual CPU] AMD Opteron 6274	10536	256	117.09	\$89.98
[Quad CPU] AMD Opteron 6274	10488	257	58.28	\$179.96
[Dual CPU] AMD Opteron 6275	10900	252	NA	NA
[Dual CPU] AMD Opteron 6276	10101	271	29.88	\$338.00
[Quad CPU] AMD Opteron 6276	15342	178	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	229	24.31	\$495.80
[Quad CPU] AMD Opteron 6282 SE	11044	248	4.31	\$2,560.00
[Dual CPU] AMD Opteron 6284 SE	11985	233	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8349	312	13.47	\$619.96
[Dual CPU] AMD Opteron 6320	10716	255	20.88	\$513.18
[Dual CPU] AMD Opteron 6328	12013	232	16.73	\$718.00
[Dual CPU] AMD Opteron 6344	11203	245	14.40	\$778.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6348	11412	239	18.64	\$612.20
[Dual CPU] AMD Opteron 6366 HE	12147	226	202.52	\$59.98*
[Quad CPU] AMD Opteron 6376	13257	209	50.99	\$260.00
[Dual CPU] AMD Opteron 6376	10452	258	80.40	\$130.00
[Quad CPU] AMD Opteron 6378	20859	116	27.45	\$760.00
[Dual CPU] AMD Opteron 6378	9145	289	24.07	\$380.00
[Quad CPU] AMD Opteron 6380	12442	218	52.72	\$236.00
[Dual CPU] AMD Opteron 6380	14200	191	120.34	\$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	225	42.05	\$289.98
[Dual CPU] AMD Opteron 8218	2831	451	61.54	\$46.00*
[Dual CPU] AMD Opteron 8220	2510	460	15.70	\$159.90
[Dual CPU] AMD Opteron 8222 SE	2793	453	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	440	67.15	\$48.00
[Quad CPU] AMD Opteron 8360 SE	6490	365	77.26	\$84.00*
[Dual CPU] AMD Opteron 8380	5643	390	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	402	NA	NA
[Quad CPU] AMD Opteron 8381 HE	6097	378	NA	NA
[Quad CPU] AMD Opteron 8382	8553	308	10.74	\$796.00*
[Dual CPU] AMD Opteron 8389	6517	364	41.25	\$158.00*
[Quad CPU] AMD Opteron 8425 HE	7359	342	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 8431	8252	316	147.46	\$55.96*
[Dual CPU] AMD Opteron 8431	5813	384	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	360	46.80	\$144.00*
[Quad CPU] AMD Opteron 8435	7099	349	24.65	\$288.00*
[Quad CPU] AMD Opteron 8439 SE	8943	296	37.26	\$240.00*
[Dual CPU] AMD Opteron 8439 SE	7691	334	64.09	\$120.00*
[Dual CPU] AMD Opteron 850	1410	480	0.47	\$3,028.00*
[Dual CPU] AMD Opteron 885	2851	449	NA	NA
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	481	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	467	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	435	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	324	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	502	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	500	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	539	497	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	540	496	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	503	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	504	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	501	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	499	25.99	\$18.20*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon 2.66GHz	601	494	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	679	490	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	489	NA	NA
[Quad CPU] Intel Xeon 3.00GHz	1472	477	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	492	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	487	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	438	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	486	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	927	485	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1854	474	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	484	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	471	30.53	\$70.00*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2315	466	0.71	\$3,239.98*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	457	26.73	\$97.98*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	443	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2975	446	59.52	\$49.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	444	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3409	437	12.18	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3826	433	38.27	\$99.98*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8929	298	18.07	\$494.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11012	249	15.45	\$712.54*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	375	64.96	\$95.50*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	372	141.98	\$44.40*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	343	43.00	\$169.84*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	292	12.53	\$719.90
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11299	242	14.49	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	234	143.25	\$83.14
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	315	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13220	211	65.37	\$202.24*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	195	68.82	\$200.00*
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	10818	253	167.57	\$64.56*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	222	NA	NA
[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	12419	220	155.28	\$79.98
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	213	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2448L @ 1.80GHz	11334	241	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	14276	190	119.01	\$119.96*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	15106	182	77.83	\$194.08
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11696	236	44.98	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	13442	205	52.51	\$256.00*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	146	43.06	\$431.28*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	371	66.25	\$95.70*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	363	34.17	\$190.80
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	311	62.24	\$134.46
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8932	297	17.18	\$520.00*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8162	318	145.96	\$55.92
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	9021	291	145.55	\$61.98
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	274	47.29	\$212.06*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	250	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12228	224	210.90	\$57.98
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13231	210	165.43	\$79.98
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15266	179	90.87	\$168.00
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16426	165	20.70	\$793.50
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14339	189	11.05	\$1,298.00*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12620	216	11.49	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	187	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13443	204	168.29	\$79.88*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15944	171	181.43	\$87.88
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18449	150	99.19	\$186.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18725	145	16.75	\$1,118.00
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11172	246	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	197	175.27	\$78.20*
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	181	22.33	\$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7706	333	4.35	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15882	173	54.77	\$290.00*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16395	166	43.14	\$380.00
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16703	164	5.93	\$2,818.00
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14644	186	75.31	\$194.46*
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14505	188	45.59	\$318.14
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19797	130	73.32	\$270.00*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20295	125	11.03	\$1,840.54*
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13667	198	115.88	\$117.94
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20680	121	67.87	\$304.72
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21029	114	40.44	\$519.98
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	108	5.98	\$3,603.92
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12399	221	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	194	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	152	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15036	183	172.83	\$87.00
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18868	143	107.71	\$175.18
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20290	126	85.25	\$238.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20809	118	10.31	\$2,018.00*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	13621	201	51.13	\$266.40
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14004	192	93.36	\$150.00
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	115	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2652 v3 @ 2.30GHz	19588	133	8.36	\$2,342.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13855	193	4.74	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	144	52.29	\$359.98*
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	136	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	155	4.85	\$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16390	167	62.17	\$263.64*
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17860	154	41.95	\$425.78*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22374	101	34.96	\$639.90
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23086	90	7.70	\$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	89	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17003	160	83.05	\$204.74*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	75	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16375	168	158.37	\$103.40*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22694	96	34.38	\$660.00*
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22604	97	36.58	\$618.00
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22916	92	5.88	\$3,898.06*

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 @ 2.60GHz	18154	151	66.69	\$272.20
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20642	123	49.38	\$418.00*
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22298	102	71.93	\$309.98
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	86	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	21751	107	15.54	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	65	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19762	131	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	20856	117	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	42	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18565	148	124.90	\$148.64
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21461	109	75.41	\$284.60
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24195	81	65.40	\$369.98
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22761	94	7.54	\$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	161	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21194	113	20.78	\$1,019.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	73	5.66	\$4,417.86*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	104	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26907	62	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	52	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20792	119	50.22	\$414.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23351	87	34.85	\$670.00
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24293	80	20.59	\$1,179.98
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26649	63	6.13	\$4,349.98*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19332	139	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	25703	70	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19649	132	75.98	\$258.62
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23598	83	43.29	\$545.16*
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25787	69	56.06	\$460.00
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27411	59	6.32	\$4,339.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20760	120	40.08	\$517.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24793	76	25.30	\$979.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	79	2.12	\$11,616.00*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23478	85	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	41	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31774	35	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23297	88	37.70	\$618.00
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27386	60	28.20	\$971.20
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30440	40	4.98	\$6,109.98*
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	29460	46	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	28325	55	23.26	\$1,218.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	39	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	33	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	82	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26542	64	10.98	\$2,418.00*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	26	4.01	\$8,478.00
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	122	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	162	46.92	\$359.60*
[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz	15383	177	85.56	\$179.80*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	14669	185	27.32	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	200	42.59	\$319.96*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	77	12.12	\$2,035.80*
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	135	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	172	2.91	\$5,460.00*
[Quad CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	20036	128	18.41	\$1,088.16*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	140	35.31	\$544.08*
[Dual CPU] Intel Xeon E5-4640 v3 @ 1.90GHz	20468	124	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	134	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	17127	159	61.18	\$279.96*
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18565	147	132.63	\$139.98*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	67	12.87	\$2,035.80*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	184	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650 v4 @ 2.20GHz	21855	106	2.85	\$7,676.00*
[Quad CPU] Intel Xeon E5-4650L @ 2.60GHz	18557	149	61.87	\$299.92*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	13742	196	91.64	\$149.96*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	99	2.34	\$9,600.00*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	38	2.14	\$14,436.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	58	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	468	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	432	22.74	\$177.56*
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3554	434	36.27	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4164	426	53.73	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	409	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	417	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5120	405	64.02	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5134	404	64.26	\$79.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6008	380	14.38	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6348	369	50.42	\$125.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6827	357	30.76	\$221.98*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7119	348	35.95	\$198.00*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7499	340	12.54	\$597.88*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7083	350	129.73	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7774	328	129.39	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2492	461	13.12	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2805	452	4.89	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4859	413	34.73	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4992	408	39.61	\$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5408	396	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7289	344	75.13	\$97.02
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7576	338	291.38	\$26.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7753	330	65.70	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	428	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	394	16.48	\$334.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5947	382	42.96	\$138.42*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	7980	323	67.64	\$117.98*
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8329	313	118.99	\$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8666	304	154.81	\$55.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10236	268	62.94	\$162.62*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10259	265	49.29	\$208.14*
[Dual CPU] Intel Xeon E7-2870 @ 2.40GHz	12016	231	1.42	\$8,454.00*
[Quad CPU] Intel Xeon E7-4850 @ 2.00GHz	15433	175	96.48	\$159.96*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7-4860 @ 2.27GHz	17398	158	131.84	\$131.96*
[Dual CPU] Intel Xeon E7-4870 @ 2.40GHz	15263	180	40.38	\$378.00*
[Quad CPU] Intel Xeon E7-4870 @ 2.40GHz	15429	176	20.41	\$756.00*
[Dual CPU] Intel Xeon E7-8837 @ 2.67GHz	10965	251	27.41	\$399.98*
[Quad CPU] Intel Xeon E7-8837 @ 2.67GHz	12698	215	15.87	\$799.96*
[Dual CPU] Intel Xeon E7-8870 @ 2.40GHz	10207	269	1.02	\$10,017.02*
[Quad CPU] Intel Xeon E7-8870 @ 2.40GHz	17965	153	0.90	\$20,034.04*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	227	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	174	NA	NA
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	127	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4830 @ 2.13GHz	13606	203	105.31	\$129.20*
[Dual CPU] Intel Xeon E7-4830 @ 2.13GHz	9539	285	147.66	\$64.60*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	169	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	24	1.39	\$24,800.00*
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	100	1.81	\$12,400.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	54	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	34	NA	NA
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	36830	17	NA	NA
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	352	20.65	\$340.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	395	87.81	\$62.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	331	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	270	28.32	\$359.96*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	398	29.87	\$179.98*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	282	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	290	14.31	\$631.80*
[Dual CPU] Intel Xeon E7540 @ 2.00GHz	6738	361	210.96	\$31.94*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	105	8.41	\$2,618.10*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21437	110	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	112	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22810	93	10.55	\$2,161.74*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	72	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17463	157	6.88	\$2,539.98
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	68	5.15	\$5,079.96
[Dual CPU] Intel Xeon Gold 5215 @ 2.50GHz	22537	98	9.23	\$2,442.00*
[Dual CPU] Intel Xeon Gold 5217 @ 3.00GHz	22282	103	7.32	\$3,044.00*
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	61	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	22983	91	6.92	\$3,319.90*
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	142	7.19	\$2,657.06
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28610	53	7.57	\$3,779.94*
[Dual CPU] Intel Xeon Gold 6126T @ 2.60GHz	19161	141	5.14	\$3,730.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22725	95	6.46	\$3,519.50*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26366	66	7.39	\$3,566.18
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	57	6.26	\$4,399.80*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	24666	78	5.46	\$4,520.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29725	44	5.69	\$5,227.18*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	56	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34320	25	6.55	\$5,238.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	32	6.68	\$4,879.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	50	4.72	\$6,116.66*
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	23	NA	NA
[Dual CPU] Intel Xeon Gold 6143 @ 2.80GHz	29907	43	NA	NA
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28802	51	4.92	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29655	45	3.22	\$9,217.90*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36731	18	6.28	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32941	31	5.01	\$6,569.90*
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33142	29	3.98	\$8,329.46
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	9	2.45	\$16,658.92
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	16	5.00	\$7,437.90
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	24959	74	4.63	\$5,395.82
[Dual CPU] Intel Xeon Gold 6240 @ 2.60GHz	35808	22	7.30	\$4,902.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6242 @ 2.80GHz	33019	30	6.16	\$5,357.98
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31379	37	4.82	\$6,509.68*
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	33741	27	5.13	\$6,572.00*
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38755	11	5.87	\$6,599.98*
[Quad CPU] Intel Xeon Gold 6248 @ 2.50GHz	41863	6	3.17	\$13,199.96*
[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz	37405	14	4.18	\$8,954.10
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41159	7	5.55	\$7,418.00
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	420	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	424	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	411	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	391	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	377	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6453	366	117.33	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	379	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	410	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	355	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6961	354	271.49	\$25.64*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7553	339	196.08	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	6973	353	166.10	\$41.98*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8693	302	62.18	\$139.80*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9607	281	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9676	280	58.04	\$166.72*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	278	NA	NA
[Quad CPU] Intel Xeon L7555 @ 1.87GHz	10406	260	NA	NA
[Dual CPU] Intel Xeon MP 2.50GHz	550	495	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	498	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	491	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	476	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36271	20	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	37838	13	2.46	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	47	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39589	10	3.36	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36410	19	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	21	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	15	1.86	\$20,030.00*
[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
[Dual CPU] Intel Xeon Platinum 8260 @ 2.40GHz	38202	12	4.42	\$8,651.00
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	8	3.65	\$11,260.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	170	15.66	\$1,019.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16817	163	18.13	\$927.72
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	202	13.24	\$1,027.98*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19355	138	16.80	\$1,151.78
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	111	11.85	\$1,808.50*
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	129	19.96	\$1,002.00*
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz	25402	71	15.90	\$1,598.00
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10070	273	72.98	\$137.98
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10249	266	2.04	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	264	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	415	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	416	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	412	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5729	385	9.24	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6200	376	39.75	\$155.98*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7436	341	62.01	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7794	326	39.06	\$199.56*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8136	319	21.52	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7769	329	17.26	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8166	317	40.83	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8672	303	3.12	\$2,782.58*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8749	300	14.35	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	8995	293	132.32	\$67.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9277	287	19.33	\$479.90*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9563	283	239.91	\$39.86*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11231	243	78.66	\$142.78*
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11637	237	92.08	\$126.38*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10289	263	220.51	\$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12086	228	177.74	\$68.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10320	262	114.69	\$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12446	217	117.44	\$105.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11163	247	65.66	\$170.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13428	206	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13343	207	100.69	\$132.52
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11736	235	147.18	\$79.74
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13651	199	66.82	\$204.30
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	309	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	362	91.61	\$71.98*
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	284	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	230	4.24	\$2,835.80*
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	335	3.61	\$2,126.85*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	301	6.15	\$1,417.90*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	306	6.36	\$1,356.96*
[Dual CPU] Intel Xeon X7542 @ 2.67GHz	8972	294	13.22	\$678.48*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	275	18.07	\$550.00*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	238	10.45	\$1,100.00*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	156	100.33	\$176.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11230	244	255.23	\$44.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	12824	214	145.73	\$88.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	425	46.34	\$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	407	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	423	9.75	\$439.98*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	346	27.58	\$260.00
[Dual CPU] Quad-Core AMD Opteron 8356	4376	422	33.66	\$130.00
[Dual CPU] Quad-Core AMD Opteron 8378	5382	397	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	356	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	388	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	381	NA	NA