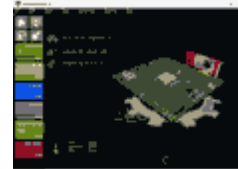



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CPU List

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

How does your CPU compare?

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Single CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2556	NA	NA
AMD A4 Micro-6400T APU	1544	1746	NA	NA
AMD A4 PRO-3340B	2402	1366	NA	NA
AMD A4 PRO-7300B APU	2318	1390	NA	NA
AMD A4 PRO-7350B	2794	1236	NA	NA
AMD A4-1200 APU	641	2233	NA	NA
AMD A4-1250 APU	611	2246	NA	NA
AMD A4-3300 APU	1506	1768	116.00	\$12.99
AMD A4-3300M APU	1184	1934	39.50	\$29.99*
AMD A4-3305M APU	1220	1916	40.69	\$30.00*
AMD A4-3310MX APU	1291	1871	NA	NA
AMD A4-3320M APU	1256	1896	36.95	\$34.00
AMD A4-3330MX APU	1217	1917	NA	NA
AMD A4-3400 APU	1596	1727	18.15	\$87.95
AMD A4-3420 APU	1676	1681	NA	NA
AMD A4-4000 APU	1818	1611	38.96	\$46.67
AMD A4-4020 APU	1918	1560	45.17	\$42.48
AMD A4-4300M APU	1615	1714	40.52	\$39.86
AMD A4-4355M APU	1174	1936	NA	NA
AMD A4-5000 APU	1905	1563	NA	NA
AMD A4-5050 APU	2114	1478	NA	NA
AMD A4-5100 APU	2082	1492	NA	NA
AMD A4-5150M APU	1844	1596	NA	NA
AMD A4-5300 APU	2006	1520	37.65	\$53.30
AMD A4-5300B APU	2106	1482	55.43	\$38.00*
AMD A4-6210 APU	2149	1462	NA	NA
AMD A4-6250J APU	2556	1311	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-6300 APU	2216	1440	44.96	\$49.30
AMD A4-6300B APU	2129	1470	21.30	\$100.00*
AMD A4-6320 APU	2322	1388	22.31	\$104.09*
AMD A4-7210 APU	2495	1331	NA	NA
AMD A4-7300 APU	2283	1410	20.57	\$111.00
AMD A4-9120	1833	1604	NA	NA
AMD A6 Micro-6500T APU	1834	1603	NA	NA
AMD A6 PRO-7050B APU	1587	1731	NA	NA
AMD A6 PRO-7400B	2749	1254	NA	NA
AMD A6-1450 APU	1522	1755	NA	NA
AMD A6-3400M APU	1895	1572	63.23	\$29.97*
AMD A6-3410MX APU	2055	1501	68.56	\$29.99*
AMD A6-3420M APU	2003	1521	NA	NA
AMD A6-3430MX APU	2225	1439	NA	NA
AMD A6-3500 APU	2008	1518	26.71	\$75.18
AMD A6-3600 APU	2705	1265	117.67	\$22.99*
AMD A6-3620 APU	2809	1231	46.84	\$59.99*
AMD A6-3650 APU	3160	1118	21.07	\$149.99*
AMD A6-3670 APU	3197	1103	37.97	\$84.23
AMD A6-4400M APU	1632	1708	40.95	\$39.86*
AMD A6-4455M APU	1284	1878	NA	NA
AMD A6-5200 APU	2420	1359	NA	NA
AMD A6-5345M APU	1476	1780	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-5350M APU	1904	1564	44.18	\$43.12
AMD A6-5357M APU	1938	1549	NA	NA
AMD A6-5400B APU	2194	1448	20.89	\$105.04*
AMD A6-5400K APU	2147	1464	20.47	\$104.95
AMD A6-6310 APU	2437	1353	NA	NA
AMD A6-6400B APU	2281	1413	NA	NA
AMD A6-6400K APU	2298	1402	27.96	\$82.20
AMD A6-6420B APU	2612	1291	NA	NA
AMD A6-6420K APU	2351	1384	33.12	\$71.00*
AMD A6-7000	1671	1684	NA	NA
AMD A6-7310 APU	2683	1272	NA	NA
AMD A6-7400K APU	2785	1238	55.74	\$49.98
AMD A6-7470K	2777	1240	28.09	\$98.90
AMD A6-8500P	2183	1451	NA	NA
AMD A6-8550	3104	1131	NA	NA
AMD A6-9200	1816	1613	NA	NA
AMD A6-9210	1930	1554	NA	NA
AMD A6-9220	2252	1426	NA	NA
AMD A6-9220e	1521	1757	NA	NA
AMD A6-9230	2274	1417	NA	NA
AMD A6-9500	2977	1172	53.70	\$55.45
AMD A8 PRO-7150B APU	2692	1268	NA	NA
AMD A8 PRO-7600B APU	4826	748	NA	NA
AMD A8-3500M APU	1974	1532	28.23	\$69.95
AMD A8-3510MX APU	2365	1380	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-3520M APU	2178	1453	NA	NA
AMD A8-3530MX APU	2378	1372	NA	NA
AMD A8-3550MX APU	2610	1292	NA	NA
AMD A8-3800 APU	3047	1151	17.93	\$169.99*
AMD A8-3820 APU	3142	1122	25.14	\$124.99*
AMD A8-3850 APU	3470	1029	36.85	\$94.19
AMD A8-3870K APU	3572	1005	17.73	\$201.54*
AMD A8-4500M APU	2663	1276	NA	NA
AMD A8-4555M APU	2122	1475	NA	NA
AMD A8-5500 APU	3991	907	30.94	\$129.00*
AMD A8-5500B APU	3967	914	NA	NA
AMD A8-5545M APU	2588	1298	NA	NA
AMD A8-5550M APU	3001	1165	NA	NA
AMD A8-5557M APU	2959	1178	NA	NA
AMD A8-5600K APU	4341	842	24.12	\$179.95
AMD A8-6410 APU	2566	1309	NA	NA
AMD A8-6500 APU	4385	830	27.24	\$160.99*
AMD A8-6500B APU	4577	796	NA	NA
AMD A8-6500T APU	3221	1095	NA	NA
AMD A8-6600K APU	4579	795	24.23	\$189.04*
AMD A8-7050	1986	1529	NA	NA
AMD A8-7100 APU	2817	1226	NA	NA
AMD A8-7200P	3300	1073	NA	NA
AMD A8-7410 APU	2747	1256	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7600 APU	5103	696	24.90	\$205.00*
AMD A8-7650K	4926	732	62.20	\$79.20
AMD A8-7670K	5105	695	49.58	\$102.98
AMD A8-8600P	3248	1088	NA	NA
AMD A8-8650	5470	643	NA	NA
AMD A8-9600	4973	720	72.09	\$68.99
AMD A9-9400	2278	1415	NA	NA
AMD A9-9410	2566	1310	NA	NA
AMD A9-9420	2299	1401	NA	NA
AMD A9-9420e	1613	1718	NA	NA
AMD A9-9425	2795	1235	NA	NA
AMD A9-9430	2485	1337	NA	NA
AMD A10 Micro-6700T APU	1890	1575	NA	NA
AMD A10 PRO-7350B APU	3234	1092	NA	NA
AMD A10 PRO-7800B APU	5409	655	NA	NA
AMD A10 PRO-7850B APU	5465	644	NA	NA
AMD A10-4600M APU	3113	1128	NA	NA
AMD A10-4655M APU	2601	1295	NA	NA
AMD A10-4657M APU	2906	1199	NA	NA
AMD A10-5700 APU	4207	866	11.34	\$371.15
AMD A10-5745M APU	2758	1250	NA	NA
AMD A10-5750M APU	3343	1063	NA	NA
AMD A10-5757M APU	3086	1136	NA	NA
AMD A10-5800B APU	4682	771	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-5800K APU	4638	778	36.82	\$125.99*
AMD A10-6700 APU	4604	790	9.06	\$508.16*
AMD A10-6700T APU	3691	979	25.01	\$147.61*
AMD A10-6790K APU	4704	766	22.75	\$206.82*
AMD A10-6800B APU	4991	717	NA	NA
AMD A10-6800K APU	4856	740	16.93	\$286.85*
AMD A10-7300 APU	2909	1196	NA	NA
AMD A10-7400P	3638	988	NA	NA
AMD A10-7700K APU	5131	688	27.02	\$189.89
AMD A10-7800 APU	4999	715	47.62	\$104.99*
AMD A10-7850K APU	5478	640	23.31	\$235.00
AMD A10-7860K	5101	697	15.99	\$319.00
AMD A10-7870K	5481	639	49.22	\$111.36
AMD A10-7890K	5746	609	22.91	\$250.87
AMD A10-8700P	3456	1034	NA	NA
AMD A10-8750	5091	698	NA	NA
AMD A10-8850	5616	622	NA	NA
AMD A10-9600P	3803	947	NA	NA
AMD A10-9620P	3788	952	NA	NA
AMD A10-9630P	4497	811	NA	NA
AMD A10-9700	5464	645	62.74	\$87.09
AMD A10-9700E	4687	770	51.23	\$91.50
AMD A12-9700P	3731	969	NA	NA
AMD A12-9720P	4031	896	NA	NA
AMD A12-9730P	4353	838	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A12-9800	5537	636	37.67	\$147.00*
AMD A12-9800E	5060	705	42.44	\$119.25
AMD Athlon64 X2 Dual Core 3800+	970	2061	NA	NA
AMD Athlon64 X2 Dual Core 4200+	1006	2036	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	1974	NA	NA
AMD Athlon 4	279	2576	5.72	\$48.91
AMD Athlon 64 2000+	116	2710	NA	NA
AMD Athlon 64 2200+	575	2267	NA	NA
AMD Athlon 64 2600+	374	2449	NA	NA
AMD Athlon 64 2800+	438	2379	4.38	\$99.99*
AMD Athlon 64 3000+	463	2349	5.45	\$84.95
AMD Athlon 64 3200+	491	2318	3.28	\$149.95*
AMD Athlon 64 3300+	576	2265	NA	NA
AMD Athlon 64 3400+	545	2278	NA	NA
AMD Athlon 64 3500+	540	2285	6.00	\$89.95
AMD Athlon 64 3600+	601	2253	NA	NA
AMD Athlon 64 3700+	599	2254	8.69	\$69.00*
AMD Athlon 64 3800+	588	2258	3.68	\$159.95
AMD Athlon 64 4000+	605	2248	3.06	\$197.95*
AMD Athlon 64 FX-25	794	2160	NA	NA
AMD Athlon 64 FX-34	380	2440	NA	NA
AMD Athlon 64 FX-51	437	2380	NA	NA
AMD Athlon 64 FX-53	646	2228	21.57	\$29.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-55	721	2192	4.01	\$179.95
AMD Athlon 64 FX-57	730	2188	NA	NA
AMD Athlon 64 FX-59	715	2196	NA	NA
AMD Athlon 64 FX-60 Dual Core	1282	1880	NA	NA
AMD Athlon 64 FX-62 Dual Core	1579	1734	NA	NA
AMD Athlon 64 FX-72	1794	1621	NA	NA
AMD Athlon 64 FX-74	1495	1773	2.99	\$499.50*
AMD Athlon 64 X2 3800+	958	2074	NA	NA
AMD Athlon 64 X2 4200+	1285	1877	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1828	3.90	\$349.95*
AMD Athlon 64 X2 Dual Core 3400+	994	2047	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	970	2062	16.17	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1001	2040	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1040	2015	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1099	1979	6.87	\$159.95
AMD Athlon 64 X2 Dual Core 4400+	1147	1956	5.74	\$199.95
AMD Athlon 64 X2 Dual Core 4600+	1222	1915	3.40	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1257	1894	2.73	\$459.95
AMD Athlon 64 X2 Dual Core 5000+	1312	1856	3.96	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1383	1819	26.06	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1451	1790	27.40	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1483	1778	9.89	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1528	1751	38.26	\$39.95*
AMD Athlon 64 X2 Dual Core 6000+	1604	1722	49.38	\$32.50
AMD Athlon 64 X2 Dual Core 6400+	1792	1622	6.89	\$259.95
AMD Athlon 64 X2 Dual Core BE-230	1095	1983	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual Core BE-2300	1082	1993	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2012	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2140	28.02	\$29.97
AMD Athlon 64 X2 Dual Core TK-55	839	2142	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	2060	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	2120	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	816	2152	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	872	2121	11.99	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	926	2095	NA	NA
AMD Athlon 64 X2 QL-60	918	2103	NA	NA
AMD Athlon 64 X2 QL-62	1014	2030	NA	NA
AMD Athlon 64 X2 QL-64	989	2052	NA	NA
AMD Athlon 64 X2 QL-65	1043	2013	NA	NA
AMD Athlon 64 X2 QL-66	945	2081	NA	NA
AMD Athlon 64 X2 QL-67	1006	2035	NA	NA
AMD Athlon 64 X2 TK-55	955	2076	NA	NA
AMD Athlon 64 X2 TK-57	988	2053	NA	NA
AMD Athlon 1500+	294	2549	NA	NA
AMD Athlon 1640B	678	2217	13.57	\$50.00*
AMD Athlon 1700+	349	2479	NA	NA
AMD Athlon 2000+	390	2435	NA	NA
AMD Athlon 2100+	412	2400	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 2200+	363	2466	4.55	\$79.99
AMD Athlon 2400+	462	2350	NA	NA
AMD Athlon 2500+	374	2447	2.04	\$183.99*
AMD Athlon 2600+	444	2370	4.23	\$104.95*
AMD Athlon 2650e	410	2404	21.61	\$19.00*
AMD Athlon 2800+	447	2367	3.20	\$139.95
AMD Athlon 2850e	504	2311	NA	NA
AMD Athlon 3100+	485	2329	NA	NA
AMD Athlon 3200+	458	2354	7.63	\$60.00*
AMD Athlon 5000 Dual-Core	1292	1869	12.93	\$99.95*
AMD Athlon 5150 APU	2093	1487	19.39	\$108.00*
AMD Athlon 5200 Dual-Core	1248	1902	20.27	\$61.61
AMD Athlon 5350 APU	2600	1296	11.60	\$224.16
AMD Athlon 5370 APU	2898	1205	45.51	\$63.70*
AMD Athlon 7450 Dual-Core	1448	1792	NA	NA
AMD Athlon 7550 Dual-Core	1460	1784	24.33	\$60.00
AMD Athlon 7750 Dual-Core	1580	1733	10.63	\$148.71*
AMD Athlon 7850 Dual-Core	1714	1656	8.18	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2559	NA	NA
AMD Athlon Dual Core 4050e	1086	1990	NA	NA
AMD Athlon Dual Core 4450B	1168	1942	37.70	\$31.00*
AMD Athlon Dual Core 4450e	1101	1978	NA	NA
AMD Athlon Dual Core 4850B	1447	1793	NA	NA
AMD Athlon Dual Core 4850e	1316	1855	33.75	\$39.00*
AMD Athlon Dual Core 5000B	1304	1862	13.73	\$95.00*
AMD Athlon Dual Core 5050e	1349	1839	22.50	\$60.00*
AMD Athlon Dual Core 5200B	1324	1852	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 5400B	1413	1809	NA	NA
AMD Athlon Dual Core 5600B	1304	1861	NA	NA
AMD Athlon II 160u	560	2275	18.68	\$29.99*
AMD Athlon II 170u	626	2241	20.91	\$29.95*
AMD Athlon II Dual-Core M300	1115	1969	NA	NA
AMD Athlon II Dual-Core M320	1141	1962	38.06	\$30.00*
AMD Athlon II Dual-Core M340	1056	2007	NA	NA
AMD Athlon II N330 Dual-Core	1154	1951	NA	NA
AMD Athlon II N350 Dual-Core	1247	1904	NA	NA
AMD Athlon II N370 Dual-Core	1559	1742	NA	NA
AMD Athlon II Neo K125	467	2344	NA	NA
AMD Athlon II Neo K145	525	2293	NA	NA
AMD Athlon II Neo K325 Dual-Core	774	2169	29.81	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2133	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2162	NA	NA
AMD Athlon II P320 Dual-Core	1215	1918	40.60	\$29.95
AMD Athlon II P340 Dual-Core	1251	1899	27.85	\$44.95*
AMD Athlon II P360 Dual-Core	1323	1854	55.14	\$24.00
AMD Athlon II X2 210e	1486	1776	NA	NA
AMD Athlon II X2 215	1578	1735	131.68	\$11.99*
AMD Athlon II X2 220	1632	1707	50.72	\$32.19

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 225	1526	1752	NA	NA
AMD Athlon II X2 235e	1658	1693	9.12	\$181.88*
AMD Athlon II X2 240	1644	1698	47.06	\$34.95
AMD Athlon II X2 240e	1695	1672	48.51	\$34.95*
AMD Athlon II X2 245	1663	1691	47.61	\$34.95*
AMD Athlon II X2 245e	1706	1661	21.33	\$80.00*
AMD Athlon II X2 250	1743	1643	44.76	\$38.95
AMD Athlon II X2 250e	1949	1544	25.41	\$76.73*
AMD Athlon II X2 250u	1000	2041	25.04	\$39.95*
AMD Athlon II X2 255	1845	1595	28.30	\$65.22*
AMD Athlon II X2 260	1873	1585	39.03	\$48.00*
AMD Athlon II X2 260u	1105	1976	13.25	\$83.44*
AMD Athlon II X2 265	1889	1576	22.80	\$82.88*
AMD Athlon II X2 270	1986	1528	42.73	\$46.50
AMD Athlon II X2 270u	1350	1838	19.96	\$67.67*
AMD Athlon II X2 280	2164	1458	21.64	\$99.99*
AMD Athlon II X2 4300e	1350	1837	NA	NA
AMD Athlon II X2 4400e	1618	1713	NA	NA
AMD Athlon II X2 4450e	1504	1769	NA	NA
AMD Athlon II X2 B22	1711	1658	47.62	\$35.95
AMD Athlon II X2 B24	1780	1626	44.57	\$39.95*
AMD Athlon II X2 B26	1880	1580	41.82	\$44.95*
AMD Athlon II X2 B28	2112	1479	43.06	\$49.05*
AMD Athlon II X3 400e	2009	1517	18.70	\$107.43*
AMD Athlon II X3 405e	2025	1510	25.32	\$79.99*
AMD Athlon II X3 415e	2247	1430	29.97	\$75.00*
AMD Athlon II X3 420e	2286	1407	19.68	\$116.15*
AMD Athlon II X3 425	2317	1391	31.98	\$72.47*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 425e	2239	1434	NA	NA
AMD Athlon II X3 435	2469	1344	32.85	\$75.18
AMD Athlon II X3 440	2569	1308	54.72	\$46.95*
AMD Athlon II X3 445	2583	1302	28.39	\$91.00*
AMD Athlon II X3 450	2627	1285	58.45	\$44.95
AMD Athlon II X3 455	2769	1243	33.61	\$82.42*
AMD Athlon II X3 460	2856	1214	57.13	\$49.99*
AMD Athlon II X4 553	3814	944	NA	NA
AMD Athlon II X4 555	3830	940	NA	NA
AMD Athlon II X4 559	4142	880	NA	NA
AMD Athlon II X4 600e	2453	1348	18.84	\$130.23*
AMD Athlon II X4 605e	2745	1257	26.97	\$101.80*
AMD Athlon II X4 610e	2798	1234	39.99	\$69.99*
AMD Athlon II X4 615e	2901	1204	49.17	\$59.00*
AMD Athlon II X4 620	2940	1187	45.27	\$64.95*
AMD Athlon II X4 620e	2906	1200	NA	NA
AMD Athlon II X4 630	3135	1125	49.81	\$62.95
AMD Athlon II X4 631 Quad-Core	3149	1121	39.37	\$80.00*
AMD Athlon II X4 635	3256	1086	46.56	\$69.95
AMD Athlon II X4 638 Quad-Core	3198	1102	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 640	3317	1068	41.49	\$79.95
AMD Athlon II X4 641 Quad-Core	3355	1060	36.67	\$91.50*
AMD Athlon II X4 645	3475	1026	43.47	\$79.95
AMD Athlon II X4 650	3474	1027	20.85	\$166.60*
AMD Athlon II X4 651 Quad-Core	3575	1004	20.08	\$178.04*
AMD Athlon II X4 655	2998	1166	NA	NA
AMD Athlon II X4 6400e	2594	1297	NA	NA
AMD Athlon L110	306	2526	NA	NA
AMD Athlon LE-1600	567	2272	27.04	\$21.00*
AMD Athlon LE-1620	572	2269	31.83	\$18.00*
AMD Athlon LE-1640	630	2238	NA	NA
AMD Athlon LE-1660	688	2211	NA	NA
AMD Athlon MP	230	2632	4.20	\$54.95*
AMD Athlon MP 1700+	339	2491	NA	NA
AMD Athlon MP 2400+	436	2381	NA	NA
AMD Athlon MP 2800+	497	2314	NA	NA
AMD Athlon Neo MV-40	411	2402	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2039	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2168	NA	NA
AMD Athlon Neo X2 Dual Core L335	827	2147	NA	NA
AMD Athlon PRO 200GE	4903	733	NA	NA
AMD Athlon QI-46	473	2341	NA	NA
AMD Athlon TF-20	417	2396	NA	NA
AMD Athlon TF-36	358	2469	NA	NA
AMD Athlon X2 215	1511	1765	NA	NA
AMD Athlon X2 235e	1806	1615	NA	NA
AMD Athlon X2 240	1575	1739	NA	NA
AMD Athlon X2 240e	1670	1685	NA	NA
AMD Athlon X2 250	1696	1671	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 255	1627	1710	NA	NA
AMD Athlon X2 280	2303	1397	13.17	\$174.81*
AMD Athlon X2 340 Dual Core	1893	1574	22.23	\$85.16*
AMD Athlon X2 370K Dual Core	2251	1427	NA	NA
AMD Athlon X2 440	1424	1803	NA	NA
AMD Athlon X2 Dual Core 3250e	779	2165	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2042	NA	NA
AMD Athlon X2 Dual Core BE-2300	925	2097	NA	NA
AMD Athlon X2 Dual Core BE-2350	1104	1977	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	1919	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1898	NA	NA
AMD Athlon X2 Dual Core L310	644	2230	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2032	NA	NA
AMD Athlon X3 425	2191	1449	NA	NA
AMD Athlon X3 435	2574	1304	26.96	\$95.49*
AMD Athlon X3 440	2078	1494	23.62	\$87.99*
AMD Athlon X3 445	2314	1392	NA	NA
AMD Athlon X3 450	3064	1145	38.80	\$78.99*
AMD Athlon X3 455	2401	1367	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X4 605e	2505	1329	NA	NA
AMD Athlon X4 620	2861	1213	44.06	\$64.95
AMD Athlon X4 635	2891	1207	23.71	\$121.99*
AMD Athlon X4 640	3172	1109	NA	NA
AMD Athlon X4 740 Quad Core	4009	902	14.48	\$277.00*
AMD Athlon X4 750 Quad Core	4551	802	NA	NA
AMD Athlon X4 750K Quad Core	4252	858	55.24	\$76.99*
AMD Athlon X4 760K Quad Core	4589	794	89.12	\$51.50
AMD Athlon X4 830	4701	767	NA	NA
AMD Athlon X4 840	5046	709	64.09	\$78.74*
AMD Athlon X4 845	5437	652	82.52	\$65.89
AMD Athlon X4 860K	5450	649	56.33	\$96.76*
AMD Athlon X4 870K	5313	670	72.45	\$73.35
AMD Athlon X4 880K	5589	628	67.15	\$83.24
AMD Athlon X4 950	5302	672	84.94	\$62.43
AMD Athlon XP1600+	281	2572	NA	NA
AMD Athlon XP1700+	234	2628	NA	NA
AMD Athlon XP1900+	353	2476	NA	NA
AMD Athlon XP2100+	287	2561	NA	NA
AMD Athlon XP2200+	401	2419	NA	NA
AMD Athlon XP2400+	374	2448	NA	NA
AMD Athlon XP 1500	282	2571	NA	NA
AMD Athlon XP 1500+	257	2603	NA	NA
AMD Athlon XP 1600+	267	2592	NA	NA
AMD Athlon XP 1700	344	2486	NA	NA
AMD Athlon XP 1700+	271	2587	NA	NA
AMD Athlon XP 1800+	300	2538	5.09	\$58.95*
AMD Athlon XP 1900+	312	2518	NA	NA
AMD Athlon XP 2000+	299	2539	12.00	\$24.99*
AMD Athlon XP 2100+	323	2502	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2200+	328	2500	3.87	\$84.95*
AMD Athlon XP 2300+	464	2347	NA	NA
AMD Athlon XP 2400+	360	2468	4.01	\$89.99*
AMD Athlon XP 2500+	355	2473	NA	NA
AMD Athlon XP 2600+	372	2452	16.18	\$23.03*
AMD Athlon XP 2700+	393	2430	4.64	\$84.79*
AMD Athlon XP 2800+	399	2422	NA	NA
AMD Athlon XP 2900+	440	2374	NA	NA
AMD Athlon XP 3000+	402	2418	5.05	\$79.70
AMD Athlon XP 3100+	433	2388	NA	NA
AMD Athlon XP 3200+	433	2387	NA	NA
AMD Athlon XP 3400+	570	2271	NA	NA
AMD Athlon XP Pro3+	367	2458	NA	NA
AMD Athlon XP-M	541	2284	15.48	\$34.95*
AMD C-30	310	2521	NA	NA
AMD C-50	463	2348	NA	NA
AMD C-60	476	2339	NA	NA
AMD C-60 APU	545	2279	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD C-70 APU	564	2274	NA	NA
AMD E1 Micro-6200T APU	960	2072	NA	NA
AMD E1-1200 APU	660	2222	NA	NA
AMD E1-1500 APU	686	2212	NA	NA
AMD E1-2100 APU	631	2237	NA	NA
AMD E1-2200 APU	767	2170	NA	NA
AMD E1-2500 APU	889	2117	NA	NA
AMD E1-6010 APU	857	2132	NA	NA
AMD E1-6015 APU	902	2113	NA	NA
AMD E1-7010 APU	1006	2034	NA	NA
AMD E2-1800 APU	820	2150	NA	NA
AMD E2-2000 APU	829	2145	NA	NA
AMD E2-3000 APU	1088	1988	NA	NA
AMD E2-3000M APU	1091	1986	54.57	\$20.00*
AMD E2-3200 APU	1441	1796	180.35	\$7.99*
AMD E2-3800 APU	1644	1699	NA	NA
AMD E2-6110 APU	1903	1565	NA	NA
AMD E2-7110 APU	2282	1412	NA	NA
AMD E2-9000	1596	1726	NA	NA
AMD E2-9000e	1337	1846	NA	NA
AMD E2-9010	1829	1606	NA	NA
AMD E-240	317	2509	NA	NA
AMD E-300 APU	611	2245	NA	NA
AMD E-350	747	2182	NA	NA
AMD E-350 APU	757	2178	NA	NA
AMD E-350D APU	725	2191	NA	NA
AMD E-450 APU	766	2171	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1639	NA	NA
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1490	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2512	1326	NA	NA
AMD Embedded R-Series RX-216GD	2409	1363	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Embedded R-Series RX-418GD Radeon R6	5068	703	NA	NA
AMD Embedded R-Series RX-421BD	4635	781	NA	NA
AMD EPYC 7251 8-Core	10679	204	20.90	\$510.99
AMD EPYC 7351P	17991	53	21.60	\$832.87
AMD EPYC 7401P	18546	44	15.69	\$1,181.97
AMD EPYC 7501	18942	41	5.07	\$3,732.99
AMD EPYC 7551	18483	46	4.96	\$3,729.33
AMD FirePro A320 APU	4540	803	NA	NA
AMD FX-670K Quad-Core	4532	807	NA	NA
AMD FX-770K Quad-Core	4779	757	NA	NA
AMD FX-870K Quad Core	5126	690	NA	NA
AMD FX-4100 Quad-Core	4063	889	31.26	\$129.99*
AMD FX-4130 Quad-Core	4170	876	54.89	\$75.99*
AMD FX-4150 Quad-Core	4594	792	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-4170 Quad-Core	4852	741	33.79	\$143.61*
AMD FX-4200 Quad-Core	4261	854	18.68	\$228.21*
AMD FX-4300 Quad-Core	4677	774	77.99	\$59.98
AMD FX-4320	4995	716	NA	NA
AMD FX-4330	5222	680	NA	NA
AMD FX-4350 Quad-Core	5340	667	42.71	\$125.03
AMD FX-6100 Six-Core	5377	658	21.86	\$246.00
AMD FX-6120 Six-Core	5747	608	NA	NA
AMD FX-6130 Six-Core	6215	554	NA	NA
AMD FX-6200 Six-Core	6119	567	18.00	\$339.95
AMD FX-6300 Six-Core	6383	549	98.23	\$64.99
AMD FX-6330 Six-Core	6935	493	NA	NA
AMD FX-6350 Six-Core	6987	488	60.25	\$115.98
AMD FX-7500 APU	3210	1100	NA	NA
AMD FX-7600P	4051	891	NA	NA
AMD FX-7600P APU	4627	783	NA	NA
AMD FX-8100 Eight-Core	6018	577	42.39	\$142.00*
AMD FX-8120 Eight-Core	6594	524	36.64	\$179.99*
AMD FX-8140 Eight-Core	5854	593	NA	NA
AMD FX-8150 Eight-Core	7623	435	19.88	\$383.50*
AMD FX-8300 Eight-Core	7716	427	82.33	\$93.72
AMD FX-8310 Eight-Core	7752	422	NA	NA
AMD FX-8320 Eight-Core	8018	401	91.12	\$88.00
AMD FX-8320E Eight-Core	7540	440	68.56	\$109.99
AMD FX-8350 Eight-Core	8950	331	90.02	\$99.43
AMD FX-8370 Eight-Core	9023	323	56.06	\$160.97
AMD FX-8370E Eight-Core	7796	415	30.10	\$259.00
AMD FX-8800P	4153	878	NA	NA
AMD FX-9370 Eight-Core	9470	286	35.75	\$264.92
AMD FX-9590 Eight-Core	10197	229	107.35	\$94.99
AMD FX-9800P	4015	900	NA	NA
AMD FX-9830P	4744	762	NA	NA
AMD FX-B4150 Quad-Core	4611	788	NA	NA
AMD G-T40E	485	2327	NA	NA
AMD G-T40N	516	2300	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD G-T44R	227	2634	NA	NA
AMD G-T48E	716	2195	NA	NA
AMD G-T52R	303	2532	NA	NA
AMD G-T56E	751	2180	NA	NA
AMD G-T56N	786	2164	NA	NA
AMD Geode NX	264	2595	NA	NA
AMD Geode NX 1750	291	2550	NA	NA
AMD GX-210JA SOC	401	2420	NA	NA
AMD GX-212JC SOC	744	2183	NA	NA
AMD GX-217GA SOC	1097	1980	NA	NA
AMD GX-218GL SOC	1115	1968	NA	NA
AMD GX-222GC SOC	1255	1897	NA	NA
AMD GX-412HC	1497	1772	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD GX-415GA SOC	1950	1543	NA	NA
AMD GX-420CA SOC	2299	1400	NA	NA
AMD GX-424CC SOC	2488	1334	NA	NA
AMD K7	403	2415	NA	NA
AMD Opteron 140	396	2425	0.56	\$710.00
AMD Opteron 142	428	2392	NA	NA
AMD Opteron 144	486	2326	7.48	\$65.00*
AMD Opteron 146	532	2290	8.87	\$59.99*
AMD Opteron 148	603	2252	NA	NA
AMD Opteron 150	604	2250	NA	NA
AMD Opteron 152	658	2223	NA	NA
AMD Opteron 154	703	2206	NA	NA
AMD Opteron 165	899	2115	1.47	\$610.00*
AMD Opteron 170	1097	1981	NA	NA
AMD Opteron 175	1167	1943	NA	NA
AMD Opteron 180	1228	1911	9.45	\$129.95
AMD Opteron 185	1360	1833	NA	NA
AMD Opteron 246	632	2236	31.62	\$19.99
AMD Opteron 248	476	2338	4.34	\$109.95
AMD Opteron 250	649	2227	59.01	\$11.00*
AMD Opteron 252	760	2175	12.00	\$63.36*
AMD Opteron 254	693	2208	NA	NA
AMD Opteron 256	963	2068	50.72	\$19.00*
AMD Opteron 265	963	2069	6.02	\$159.95*
AMD Opteron 270	1083	1992	1.78	\$607.47*
AMD Opteron 275	1291	1872	19.87	\$64.99
AMD Opteron 280	1272	1888	1.60	\$796.67*
AMD Opteron 285	1470	1781	NA	NA
AMD Opteron 290	1464	1783	10.85	\$135.00*
AMD Opteron 1210	923	2099	NA	NA
AMD Opteron 1210 HE	971	2059	NA	NA
AMD Opteron 1212	1009	2033	3.48	\$290.00*
AMD Opteron 1212 HE	1308	1859	NA	NA
AMD Opteron 1214	1191	1929	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1863	NA	NA
AMD Opteron 1216	1311	1857	23.91	\$54.85*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1216 HE	1172	1941	NA	NA
AMD Opteron 1218	1468	1782	NA	NA
AMD Opteron 1218 HE	1444	1794	NA	NA
AMD Opteron 1220	1653	1697	NA	NA
AMD Opteron 1222	1757	1637	NA	NA
AMD Opteron 1352	2368	1378	17.42	\$135.99*
AMD Opteron 1354	2630	1284	8.49	\$309.97*
AMD Opteron 1356	2765	1247	30.73	\$89.99*
AMD Opteron 1381	3065	1144	NA	NA
AMD Opteron 2212	1270	1890	105.89	\$12.00*
AMD Opteron 2214	1358	1834	2.39	\$569.00*
AMD Opteron 2214 HE	1415	1807	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2216	1518	1762	44.18	\$34.36*
AMD Opteron 2218	1594	1729	49.18	\$32.42*
AMD Opteron 2220	1701	1669	1.15	\$1,475.16
AMD Opteron 2220 SE	1398	1813	55.92	\$25.00
AMD Opteron 2222	1843	1597	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1559	NA	NA
AMD Opteron 2350	2820	1224	10.45	\$269.99*
AMD Opteron 2356	2814	1229	188.25	\$14.95
AMD Opteron 2373 EE	2789	1237	NA	NA
AMD Opteron 2374 HE	2951	1180	15.53	\$189.99*
AMD Opteron 2376	2283	1411	91.32	\$25.00*
AMD Opteron 2378	3179	1106	17.76	\$179.00*
AMD Opteron 2380	2640	1282	105.64	\$25.00*
AMD Opteron 2384	3538	1013	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1014	NA	NA
AMD Opteron 2393 SE	2246	1431	NA	NA
AMD Opteron 2427	3069	1142	32.26	\$95.14*
AMD Opteron 2431	4516	808	112.91	\$40.00
AMD Opteron 2435	4708	765	39.11	\$120.40*
AMD Opteron 3260 HE	3259	1082	NA	NA
AMD Opteron 3280	5286	674	19.35	\$273.18*
AMD Opteron 3320 EE	2675	1274	NA	NA
AMD Opteron 3350 HE	4009	903	NA	NA
AMD Opteron 3365	5929	584	NA	NA
AMD Opteron 3380	6384	548	7.89	\$809.00*
AMD Opteron 4122	2942	1185	23.55	\$124.99*
AMD Opteron 4162 EE	3166	1112	NA	NA
AMD Opteron 4184	4418	823	8.50	\$519.95*
AMD Opteron 4280	6430	544	14.09	\$456.44*
AMD Opteron 4284	6660	517	18.64	\$357.30*
AMD Opteron 4332 HE	5614	623	NA	NA
AMD Opteron 4334	6133	565	28.34	\$216.42*
AMD Opteron 4365 EE	5025	711	NA	NA
AMD Opteron 4386	5419	654	14.32	\$378.52*
AMD Opteron 6128	4505	809	214.63	\$20.99
AMD Opteron 6134	2938	1188	4.93	\$595.95*
AMD Opteron 6136	4631	782	12.90	\$359.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6164 HE	5351	665	NA	NA
AMD Opteron 6174	6171	562	561.53	\$10.99
AMD Opteron 6212	5776	603	27.57	\$209.50*
AMD Opteron 6220	6785	504	32.31	\$210.00
AMD Opteron 6234	5979	579	14.95	\$399.99*
AMD Opteron 6238	7316	458	6.72	\$1,088.11*
AMD Opteron 6272	6748	509	21.60	\$312.40
AMD Opteron 6274	4865	737	23.17	\$210.00
AMD Opteron 6276	9011	325	29.17	\$308.89
AMD Opteron 6282 SE	9116	316	8.36	\$1,089.99*
AMD Opteron 6287 SE	9789	262	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6328	7813	414	15.32	\$509.98
AMD Opteron 6366 HE	7503	444	7.43	\$1,010.00
AMD Opteron 6376	9414	292	15.72	\$599.00
AMD Opteron 6378	2152	1461	5.40	\$399.00*
AMD Opteron 6380	10081	240	67.22	\$149.99
AMD Opteron 6386 SE	10748	200	71.66	\$149.99
AMD Opteron 8354	2255	1425	102.52	\$22.00
AMD Opteron 8439 SE	3813	945	50.84	\$75.00*
AMD Opteron X3216 APU	2368	1377	NA	NA
AMD Opteron X3421 APU	5075	701	NA	NA
AMD Phenom 2 X4 12000	3005	1163	NA	NA
AMD Phenom 7950 Quad-Core	2991	1168	NA	NA
AMD Phenom 8250 Triple-Core	1644	1700	NA	NA
AMD Phenom 8250e Triple-Core	1619	1712	34.45	\$46.99*
AMD Phenom 8400 Triple-Core	1637	1704	NA	NA
AMD Phenom 8450 Triple-Core	1886	1579	62.98	\$29.95*
AMD Phenom 8450e Triple-Core	2040	1506	NA	NA
AMD Phenom 8600 Triple-Core	1703	1666	32.16	\$52.99*
AMD Phenom 8600B Triple-Core	1926	1557	36.36	\$52.99*
AMD Phenom 8650 Triple-Core	1995	1524	39.91	\$49.99*
AMD Phenom 8750 Triple-Core	2064	1497	NA	NA
AMD Phenom 8750B Triple-Core	2034	1507	NA	NA
AMD Phenom 8850 Triple-Core	2026	1509	NA	NA
AMD Phenom 8850B Triple-Core	2080	1493	NA	NA
AMD Phenom 9100e Quad-Core	1838	1601	46.03	\$39.95*
AMD Phenom 9150e Quad-Core	2116	1476	52.99	\$39.95*
AMD Phenom 9350e Quad-Core	2320	1389	0.69	\$3,382.07*
AMD Phenom 9450e Quad-Core	2621	1287	24.96	\$105.00*
AMD Phenom 9500 Quad-Core	2207	1443	24.54	\$89.96*
AMD Phenom 9550 Quad-Core	2544	1312	63.70	\$39.95*
AMD Phenom 9600 Quad-Core	2306	1394	46.18	\$49.95*
AMD Phenom 9600B Quad-Core	2571	1307	17.47	\$147.19*
AMD Phenom 9650 Quad-Core	2641	1281	48.08	\$54.95
AMD Phenom 9750 Quad-Core	2816	1227	46.98	\$59.95*
AMD Phenom 9750B Quad-Core	2709	1263	NA	NA
AMD Phenom 9850 Quad-Core	2897	1206	57.95	\$50.00*
AMD Phenom 9850B Quad-Core	3160	1119	NA	NA
AMD Phenom 9950 Quad-Core	3015	1161	16.75	\$179.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom FX-5000 Quad-Core	2518	1323	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1182	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	991	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1025	NA	NA
AMD Phenom II N620 Dual-Core	1679	1679	42.14	\$39.86*
AMD Phenom II N640 Dual-Core	1740	1645	26.80	\$64.95*
AMD Phenom II N660 Dual-Core	1852	1591	18.72	\$99.00*
AMD Phenom II N830 3+1	2652	1278	NA	NA
AMD Phenom II N830 Triple-Core	1888	1577	NA	NA
AMD Phenom II N850 Triple-Core	1935	1553	77.40	\$25.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II N870 Triple-Core	1988	1527	NA	NA
AMD Phenom II N930 Quad-Core	2269	1421	17.46	\$129.95*
AMD Phenom II N950 Quad-Core	2481	1340	22.04	\$112.60*
AMD Phenom II N970 Quad-Core	2522	1322	16.82	\$149.99*
AMD Phenom II P650 Dual-Core	1603	1724	45.81	\$35.00*
AMD Phenom II P820 Triple-Core	1610	1719	NA	NA
AMD Phenom II P840 Triple-Core	1731	1649	NA	NA
AMD Phenom II P860 Triple-Core	1759	1634	NA	NA
AMD Phenom II P920 Quad-Core	1861	1588	24.82	\$75.00*
AMD Phenom II P940 Quad-Core	1820	1610	NA	NA
AMD Phenom II P960 Quad-Core	2088	1489	74.60	\$28.00*
AMD Phenom II X2 511	2104	1483	NA	NA
AMD Phenom II X2 521	2077	1495	NA	NA
AMD Phenom II X2 545	1902	1567	20.40	\$93.28
AMD Phenom II X2 550	2022	1512	20.68	\$97.81
AMD Phenom II X2 555	2041	1505	19.95	\$102.33*
AMD Phenom II X2 560	2055	1502	19.40	\$105.95
AMD Phenom II X2 565	2211	1442	20.01	\$110.48*
AMD Phenom II X2 570	1960	1536	NA	NA
AMD Phenom II X2 B53	1709	1659	NA	NA
AMD Phenom II X2 B55	1937	1550	40.37	\$48.00*
AMD Phenom II X2 B57	1848	1593	NA	NA
AMD Phenom II X2 B59	2138	1467	42.82	\$49.95*
AMD Phenom II X3 700e	2285	1409	NA	NA
AMD Phenom II X3 705e	2227	1438	14.63	\$152.34*
AMD Phenom II X3 710	2443	1351	28.91	\$84.53*
AMD Phenom II X3 715	2649	1280	31.17	\$84.99*
AMD Phenom II X3 720	2684	1271	21.18	\$126.76
AMD Phenom II X3 740	3002	1164	33.75	\$88.99*
AMD Phenom II X3 B73	2735	1260	36.47	\$75.00*
AMD Phenom II X3 B75	2946	1183	NA	NA
AMD Phenom II X3 B77	3067	1143	NA	NA
AMD Phenom II X4 805	2997	1167	17.23	\$173.99*
AMD Phenom II X4 810	3127	1126	26.96	\$115.99*
AMD Phenom II X4 820	3417	1041	45.59	\$74.95*
AMD Phenom II X4 830	3443	1036	43.07	\$79.95*
AMD Phenom II X4 840	3513	1018	39.06	\$89.95*
AMD Phenom II X4 840T	3601	994	45.05	\$79.95*
AMD Phenom II X4 850	3548	1011	31.83	\$111.49*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 900e	2882	1209	NA	NA
AMD Phenom II X4 905e	3087	1135	14.54	\$212.38*
AMD Phenom II X4 910	3258	1083	32.58	\$100.00*
AMD Phenom II X4 910e	3260	1081	20.77	\$156.99*
AMD Phenom II X4 920	3403	1046	48.63	\$69.99
AMD Phenom II X4 925	3424	1039	21.40	\$159.99*
AMD Phenom II X4 940	3599	995	30.00	\$119.99*
AMD Phenom II X4 945	3672	982	53.92	\$68.11*
AMD Phenom II X4 955	3938	918	30.26	\$130.16*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 960T	3794	949	28.11	\$134.99*
AMD Phenom II X4 965	4197	867	64.63	\$64.95
AMD Phenom II X4 970	4341	841	25.25	\$171.91*
AMD Phenom II X4 973	3759	961	NA	NA
AMD Phenom II X4 975	4490	813	34.55	\$129.99*
AMD Phenom II X4 977	3750	965	NA	NA
AMD Phenom II X4 980	4504	810	32.96	\$136.64*
AMD Phenom II X4 8700e	2377	1373	NA	NA
AMD Phenom II X4 B05e	2781	1239	NA	NA
AMD Phenom II X4 B15e	2736	1259	NA	NA
AMD Phenom II X4 B25	3336	1064	NA	NA
AMD Phenom II X4 B35	3377	1054	NA	NA
AMD Phenom II X4 B40	3406	1045	NA	NA
AMD Phenom II X4 B45	3469	1030	NA	NA
AMD Phenom II X4 B50	3701	977	NA	NA
AMD Phenom II X4 B55	3862	933	NA	NA
AMD Phenom II X4 B60	4045	893	NA	NA
AMD Phenom II X4 B65	4177	873	NA	NA
AMD Phenom II X4 B70	4261	855	NA	NA
AMD Phenom II X4 B93	3361	1058	NA	NA
AMD Phenom II X4 B95	3710	972	50.87	\$72.95*
AMD Phenom II X4 B97	3911	924	48.93	\$79.95*
AMD Phenom II X4 B99	4130	884	NA	NA
AMD Phenom II X6 1035T	4672	775	24.72	\$189.00*
AMD Phenom II X6 1045T	4824	749	27.57	\$175.00*
AMD Phenom II X6 1055T	4975	718	26.89	\$185.00*
AMD Phenom II X6 1065T	5079	700	NA	NA
AMD Phenom II X6 1075T	5352	664	20.59	\$259.99*
AMD Phenom II X6 1090T	5594	627	14.13	\$396.08*
AMD Phenom II X6 1100T	5747	607	22.99	\$249.99
AMD Phenom II X6 1405T	5042	710	NA	NA
AMD Phenom II X620 Dual-Core	2189	1450	NA	NA
AMD Phenom II X640 Dual-Core	2021	1513	NA	NA
AMD Phenom II X920 Quad-Core	2638	1283	NA	NA
AMD Phenom II X940 Quad-Core	2695	1267	NA	NA
AMD Phenom Ultra X4 24500	3945	917	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1670	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1445	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1638	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1935	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X2 Dual-Core GP-7730	1435	1798	NA	NA
AMD Phenom X3 8550	1928	1555	11.35	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1636	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1525	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1436	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2812	1230	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1262	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1269	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X4 Quad-Core GS-5560	1211	1923	NA	NA
AMD PRO A4-3350B APU	2833	1219	NA	NA
AMD PRO A4-8350B	2942	1186	NA	NA
AMD PRO A6-7350B	2759	1249	NA	NA
AMD PRO A6-8500B	2516	1324	NA	NA
AMD PRO A6-8530B	2435	1354	NA	NA
AMD PRO A6-8550B	3018	1158	NA	NA
AMD PRO A6-8570	3049	1150	NA	NA
AMD PRO A6-8570E	2824	1222	NA	NA
AMD PRO A6-9500	3262	1080	44.09	\$74.00*
AMD PRO A6-9500B	2076	1496	NA	NA
AMD PRO A6-9500E	2752	1252	37.20	\$74.00*
AMD PRO A8-8600B	3561	1008	NA	NA
AMD PRO A8-8650B	5457	647	NA	NA
AMD PRO A8-8670E	4692	769	NA	NA
AMD PRO A8-9600	5321	669	44.72	\$119.00*
AMD PRO A8-9600B	4004	905	NA	NA
AMD PRO A10-8700B	3583	1001	NA	NA
AMD PRO A10-8730B	3977	911	NA	NA
AMD PRO A10-8750B	5646	620	NA	NA
AMD PRO A10-8770	5707	612	NA	NA
AMD PRO A10-8770E	4881	736	NA	NA
AMD PRO A10-8850B	5852	595	NA	NA
AMD PRO A10-9700	5683	614	33.63	\$169.00*
AMD PRO A10-9700B	4393	827	NA	NA
AMD PRO A10-9700E	4949	726	35.61	\$139.00*
AMD PRO A12-8800B	4189	871	NA	NA
AMD PRO A12-8830B	4377	831	NA	NA
AMD PRO A12-8870	6067	574	NA	NA
AMD PRO A12-8870E	4814	751	NA	NA
AMD PRO A12-9800	6199	556	36.68	\$169.00*
AMD PRO A12-9800B	4269	853	NA	NA
AMD PRO A12-9800E	4799	755	28.40	\$169.00*
AMD QC-4000	1657	1695	NA	NA
AMD R-260H APU	1576	1736	NA	NA
AMD R-460L APU	1954	1538	NA	NA
AMD R-464L APU	3073	1140	NA	NA
AMD RX-427BB	4250	859	NA	NA
AMD Ryzen 3 1200	6815	503	71.75	\$94.99
AMD Ryzen 3 1300X	7493	445	56.60	\$132.40
AMD Ryzen 3 2200G	7365	456	76.72	\$96.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 3 2200U	4859	739	NA	NA
AMD Ryzen 3 PRO 1200	7069	483	NA	NA
AMD Ryzen 3 PRO 1300	8300	375	NA	NA
AMD Ryzen 3 PRO 2200	8164	387	NA	NA
AMD Ryzen 3 PRO 2200GE	7913	411	NA	NA
AMD Ryzen 3 PRO 2300U	7208	467	NA	NA
AMD Ryzen 5 1400	8429	369	58.85	\$143.23

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 1500X	10129	237	67.53	\$149.99
AMD Ryzen 5 1600	12288	161	76.81	\$159.99
AMD Ryzen 5 1600X	13232	142	68.23	\$193.93
AMD Ryzen 5 2400G	9320	301	60.13	\$154.99
AMD Ryzen 5 2400GE	8513	362	NA	NA
AMD Ryzen 5 2500U	7622	436	NA	NA
AMD Ryzen 5 2600	13462	137	72.77	\$185.00
AMD Ryzen 5 2600X	14469	112	68.91	\$209.99
AMD Ryzen 5 PRO 1500	10868	195	NA	NA
AMD Ryzen 5 PRO 1600	12213	163	NA	NA
AMD Ryzen 5 PRO 2400G	10204	227	NA	NA
AMD Ryzen 5 PRO 2400GE	10178	231	NA	NA
AMD Ryzen 5 PRO 2500U	9234	305	NA	NA
AMD Ryzen 7 1700	13750	129	62.50	\$220.00
AMD Ryzen 7 1700X	14621	106	57.29	\$255.20
AMD Ryzen 7 1800X	15417	89	64.24	\$239.99
AMD Ryzen 7 2700	15378	90	53.04	\$289.95
AMD Ryzen 7 2700U	7558	439	NA	NA
AMD Ryzen 7 2700X	17002	62	53.13	\$319.99
AMD Ryzen 7 PRO 1700	14859	103	NA	NA
AMD Ryzen 7 PRO 1700X	15349	91	NA	NA
AMD Ryzen 7 PRO 2700U	9355	295	NA	NA
AMD Ryzen Threadripper 1900X	15237	96	31.83	\$478.77
AMD Ryzen Threadripper 1920X	18136	51	23.10	\$785.31
AMD Ryzen Threadripper 1950X	22084	16	28.31	\$779.99
AMD Sempron 130	656	2225	26.29	\$24.99*
AMD Sempron 140	737	2185	18.64	\$39.59*
AMD Sempron 145	811	2157	8.55	\$94.92
AMD Sempron 150	707	2202	15.74	\$44.95
AMD Sempron 200U	267	2591	3.08	\$87.00*
AMD Sempron 210U	378	2443	NA	NA
AMD Sempron 2100+	392	2432	NA	NA
AMD Sempron 2200+	281	2575	9.38	\$29.99*
AMD Sempron 2300+	318	2508	7.07	\$45.00*
AMD Sempron 2400+	313	2517	11.62	\$27.00*
AMD Sempron 2500+	335	2493	4.20	\$79.95*
AMD Sempron 2600+	373	2450	12.48	\$29.95
AMD Sempron 2650 APU	939	2088	30.32	\$31.00
AMD Sempron 2800+	383	2438	6.40	\$59.95
AMD Sempron 3000+	408	2408	8.18	\$49.95
AMD Sempron 3100+	452	2361	7.53	\$60.00*
AMD Sempron 3200+	404	2413	31.12	\$13.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 3300+	484	2332	16.14	\$30.00
AMD Sempron 3400+	454	2359	15.18	\$29.91
AMD Sempron 3500+	384	2437	19.23	\$20.00*
AMD Sempron 3600+	487	2324	40.59	\$12.00*
AMD Sempron 3800+	554	2277	26.39	\$21.00*
AMD Sempron 3850 APU	1707	1660	42.93	\$39.77

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron Dual Core 2100	924	2098	23.69	\$39.00*
AMD Sempron Dual Core 2200	995	2046	NA	NA
AMD Sempron Dual Core 2300	982	2056	23.39	\$41.99*
AMD Sempron Dual Core 4700	948	2079	NA	NA
AMD Sempron Dual Core 4900	1081	1994	NA	NA
AMD Sempron LE-250	490	2319	NA	NA
AMD Sempron LE-1100	438	2377	NA	NA
AMD Sempron LE-1150	445	2368	NA	NA
AMD Sempron LE-1200	529	2291	NA	NA
AMD Sempron LE-1250	541	2283	6.77	\$79.95
AMD Sempron LE-1300	610	2247	30.53	\$20.00
AMD Sempron LE-1600	535	2289	NA	NA
AMD Sempron LE-1620	635	2235	NA	NA
AMD Sempron LE-1640	759	2176	NA	NA
AMD Sempron M100	558	2276	46.58	\$12.00*
AMD Sempron M120	582	2260	NA	NA
AMD Sempron SI-40	443	2371	36.93	\$12.00*
AMD Sempron SI-42	453	2360	15.11	\$30.01
AMD Sempron X2 180	1222	1914	17.62	\$69.40*
AMD Sempron X2 190	1513	1764	18.14	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1808	NA	NA
AMD Turion 64 Mobile MK-36	461	2351	NA	NA
AMD Turion 64 Mobile MK-38	514	2302	NA	NA
AMD Turion 64 Mobile ML-28	390	2434	NA	NA
AMD Turion 64 Mobile ML-30	402	2417	NA	NA
AMD Turion 64 Mobile ML-32	410	2405	NA	NA
AMD Turion 64 Mobile ML-34	425	2394	NA	NA
AMD Turion 64 Mobile ML-37	441	2372	2.25	\$196.50*
AMD Turion 64 Mobile ML-40	522	2296	NA	NA
AMD Turion 64 Mobile ML-42	615	2243	NA	NA
AMD Turion 64 Mobile ML-44	591	2255	NA	NA
AMD Turion 64 Mobile MT-28	419	2395	NA	NA
AMD Turion 64 Mobile MT-30	378	2441	NA	NA
AMD Turion 64 Mobile MT-32	426	2393	NA	NA
AMD Turion 64 Mobile MT-34	429	2390	NA	NA
AMD Turion 64 Mobile MT-37	484	2330	NA	NA
AMD Turion 64 Mobile MT-40	536	2286	NA	NA
AMD Turion 64 X2 Mobile TL-50	753	2179	15.08	\$49.99*
AMD Turion 64 X2 Mobile TL-52	760	2174	NA	NA
AMD Turion 64 X2 Mobile TL-56	884	2118	44.21	\$20.00*
AMD Turion 64 X2 Mobile TL-58	941	2083	NA	NA
AMD Turion 64 X2 Mobile TL-60	992	2050	45.12	\$22.00
AMD Turion 64 X2 Mobile TL-62	1091	1985	3.51	\$311.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 X2 Mobile TL-64	1108	1975	28.13	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1148	1954	3.04	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1162	1947	12.92	\$90.00*
AMD Turion Dual-Core RM-70	904	2112	60.27	\$15.00*
AMD Turion Dual-Core RM-72	860	2128	22.65	\$38.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion Dual-Core RM-74	1016	2028	NA	NA
AMD Turion Dual-Core RM-75	961	2070	35.02	\$27.46*
AMD Turion II Dual-Core Mobile M500	1293	1868	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	1860	18.89	\$69.10*
AMD Turion II Dual-Core Mobile M540	1338	1845	NA	NA
AMD Turion II N530 Dual-Core	1583	1732	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1758	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2058	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	1932	NA	NA
AMD Turion II Neo N40L Dual-Core	918	2104	NA	NA
AMD Turion II Neo N54L Dual-Core	1376	1823	NA	NA
AMD Turion II P520 Dual-Core	1361	1832	NA	NA
AMD Turion II P540 Dual-Core	1438	1797	28.80	\$49.96*
AMD Turion II P560 Dual-Core	1511	1766	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1407	1810	58.64	\$24.00*
AMD Turion II Ultra Dual-Core Mobile M620	1427	1801	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1686	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1750	NA	NA
AMD Turion Neo X2 Dual Core L625	820	2151	NA	NA
AMD Turion X2 Dual Core L510	923	2101	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2130	6.48	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1059	2004	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	990	2051	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1090	1987	4.86	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1055	2008	42.32	\$24.95
AMD Turion X2 Dual-Core Mobile RM-75	1142	1961	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	1953	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1014	2031	72.45	\$14.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1081	1997	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	1920	94.53	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	1908	27.43	\$45.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1866	23.58	\$55.00
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1354	1836	33.92	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	997	2043	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2021	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1788	NA	NA
AMD V105	286	2562	NA	NA
AMD V120	622	2242	NA	NA
AMD V140	640	2234	49.30	\$13.00*
AMD V160	681	2216	NA	NA
AMD Z-01	523	2295	NA	NA
AMD Z-60 APU	500	2313	NA	NA
AMD-K6 3D	90	2714	NA	NA
AMD-K6-III	108	2711	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD-K7	403	2416	NA	NA
Athlon 64 Dual Core 3800+	1234	1909	NA	NA
Athlon 64 Dual Core 4200+	1156	1950	5.64	\$204.95
Athlon 64 Dual Core 4800+	1370	1825	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Athlon 64 Dual Core 5000+	1507	1767	NA	NA
Athlon 64 Dual Core 5400+	1614	1715	NA	NA
Athlon 64 Dual Core 5600+	1548	1745	NA	NA
Athlon Dual Core 4050e	968	2064	NA	NA
Athlon Dual Core 4450e	1081	1995	NA	NA
Athlon Dual Core 4850e	1327	1850	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1217	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1083	1991	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1173	1938	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1212	1922	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1274	1887	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1924	NA	NA
HP Hexa-Core 2.0GHz	2178	1452	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2131	NA	NA
Intel 1400 @ 1.83GHz	980	2057	NA	NA
Intel 1500 @ 2.00GHz	1024	2023	NA	NA
Intel Atom 230 @ 1.60GHz	307	2525	NA	NA
Intel Atom 330 @ 1.60GHz	588	2257	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2116	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2071	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1491	20.05	\$104.00*
Intel Atom C2550 @ 2.40GHz	2329	1386	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1456	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3805	946	16.40	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	1062	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1114	14.72	\$214.86*
Intel Atom C3538 @ 2.10GHz	2455	1346	32.73	\$75.00*
Intel Atom C3558 @ 2.20GHz	2538	1315	29.52	\$86.00*
Intel Atom C3955 @ 2.10GHz	5803	599	13.37	\$434.00*
Intel Atom D410 @ 1.66GHz	303	2533	0.48	\$635.99*
Intel Atom D425 @ 1.80GHz	343	2488	0.35	\$992.98*
Intel Atom D510 @ 1.66GHz	652	2226	6.71	\$97.16*
Intel Atom D525 @ 1.80GHz	703	2205	NA	NA
Intel Atom D2500 @ 1.86GHz	405	2412	NA	NA
Intel Atom D2550 @ 1.86GHz	675	2219	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2198	NA	NA
Intel Atom D2700 @ 2.13GHz	839	2141	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2193	NA	NA
Intel Atom E660 @ 1.30GHz	271	2588	5.03	\$54.00*
Intel Atom E680 @ 1.60GHz	346	2483	NA	NA
Intel Atom E3815 @ 1.46GHz	362	2467	2.15	\$169.00
Intel Atom E3825 @ 1.33GHz	575	2268	8.18	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2321	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2135	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	1948	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom E3845 @ 1.91GHz	1494	1774	NA	NA
Intel Atom E3940 @ 1.60GHz	1920	1558	NA	NA
Intel Atom E3950 @ 1.60GHz	1804	1616	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom K510 @ 1.66GHz	658	2224	NA	NA
Intel Atom N270 @ 1.60GHz	270	2589	NA	NA
Intel Atom N280 @ 1.66GHz	284	2567	NA	NA
Intel Atom N435 @ 1.33GHz	261	2599	NA	NA
Intel Atom N450 @ 1.66GHz	299	2540	NA	NA
Intel Atom N455 @ 1.66GHz	284	2565	NA	NA
Intel Atom N470 @ 1.83GHz	307	2524	NA	NA
Intel Atom N475 @ 1.83GHz	314	2514	NA	NA
Intel Atom N550 @ 1.50GHz	525	2294	6.11	\$86.00*
Intel Atom N570 @ 1.66GHz	576	2266	6.70	\$86.00*
Intel Atom N2100 @ 1.60GHz	305	2528	NA	NA
Intel Atom N2600 @ 1.60GHz	527	2292	NA	NA
Intel Atom N2800 @ 1.86GHz	628	2239	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2106	14.32	\$64.00*
Intel Atom x5-E3930 @ 1.30GHz	811	2156	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1609	1720	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1200	1927	9.03	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1005	2037	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1280	1882	60.99	\$21.00*
Intel Atom x5-Z8500 @ 1.44GHz	1691	1675	27.04	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1835	1602	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1902	1566	25.85	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1944	1546	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2665	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2643	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2646	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2574	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2480	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2439	NA	NA
Intel Atom Z670 @ 1.50GHz	249	2614	NA	NA
Intel Atom Z2760 @ 1.80GHz	566	2273	NA	NA
Intel Atom Z3735D @ 1.33GHz	916	2105	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2094	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	907	2111	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2109	NA	NA
Intel Atom Z3736F @ 1.33GHz	920	2102	NA	NA
Intel Atom Z3740 @ 1.33GHz	1061	2003	NA	NA
Intel Atom Z3740D @ 1.33GHz	1020	2026	NA	NA
Intel Atom Z3745 @ 1.33GHz	1071	2001	NA	NA
Intel Atom Z3745D @ 1.33GHz	1019	2027	NA	NA
Intel Atom Z3770 @ 1.46GHz	1243	1905	8.32	\$149.44*
Intel Atom Z3770D @ 1.49GHz	805	2159	NA	NA
Intel Atom Z3775 @ 1.46GHz	1256	1895	35.90	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1884	NA	NA
Intel Atom Z3795 @ 1.60GHz	1771	1629	NA	NA
Intel Celeron 1.70GHz	130	2704	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1.80GHz	136	2701	NA	NA
Intel Celeron 2.00GHz	185	2673	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.10GHz	244	2621	NA	NA
Intel Celeron 2.13GHz	208	2653	NA	NA
Intel Celeron 2.20GHz	213	2648	NA	NA
Intel Celeron 2.26GHz	223	2638	NA	NA
Intel Celeron 2.30GHz	227	2635	NA	NA
Intel Celeron 2.40GHz	217	2644	NA	NA
Intel Celeron 2.50GHz	247	2616	NA	NA
Intel Celeron 2.53GHz	245	2619	NA	NA
Intel Celeron 2.60GHz	238	2625	NA	NA
Intel Celeron 2.66GHz	252	2610	NA	NA
Intel Celeron 2.70GHz	245	2620	NA	NA
Intel Celeron 2.80GHz	254	2606	NA	NA
Intel Celeron 2.93GHz	285	2563	NA	NA
Intel Celeron 3.06GHz	284	2564	NA	NA
Intel Celeron 3.20GHz	288	2555	NA	NA
Intel Celeron 3.33GHz	333	2496	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2504	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2507	NA	NA
Intel Celeron 420 @ 1.60GHz	450	2362	2.00	\$225.00
Intel Celeron 430 @ 1.80GHz	492	2316	2.19	\$225.00
Intel Celeron 440 @ 2.00GHz	543	2281	6.80	\$79.95
Intel Celeron 450 @ 2.20GHz	626	2240	2.78	\$225.00
Intel Celeron 530 @ 1.73GHz	468	2343	20.37	\$23.00*
Intel Celeron 540 @ 1.86GHz	511	2305	NA	NA
Intel Celeron 550 @ 2.00GHz	514	2301	15.22	\$33.80
Intel Celeron 560 @ 2.13GHz	535	2288	6.70	\$79.95*
Intel Celeron 570 @ 2.26GHz	517	2297	NA	NA
Intel Celeron 600MHz	147	2697	NA	NA
Intel Celeron 723 @ 1.20GHz	405	2411	NA	NA
Intel Celeron 743 @ 1.30GHz	435	2382	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2181	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2456	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2244	NA	NA
Intel Celeron 847 @ 1.10GHz	936	2090	2.97	\$315.00*
Intel Celeron 847E @ 1.10GHz	1026	2022	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	1959	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	1940	NA	NA
Intel Celeron 877 @ 1.40GHz	1288	1874	NA	NA
Intel Celeron 887 @ 1.50GHz	1286	1876	NA	NA
Intel Celeron 900 @ 2.20GHz	677	2218	23.39	\$28.99
Intel Celeron 925 @ 2.30GHz	688	2210	NA	NA
Intel Celeron 1000M @ 1.80GHz	1674	1683	NA	NA
Intel Celeron 1000MHz	241	2623	NA	NA
Intel Celeron 1005M @ 1.90GHz	1817	1612	NA	NA
Intel Celeron 1007U @ 1.50GHz	1395	1815	7.55	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1521	1756	NA	NA
Intel Celeron 1019Y @ 1.00GHz	926	2096	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1020E @ 2.20GHz	2232	1437	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1037U @ 1.80GHz	1736	1647	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1931	NA	NA
Intel Celeron 1066MHz	259	2600	NA	NA
Intel Celeron 1100MHz	174	2683	NA	NA
Intel Celeron 1133MHz	282	2569	NA	NA
Intel Celeron 1200MHz	244	2622	NA	NA
Intel Celeron 1300MHz	288	2557	NA	NA
Intel Celeron 1333MHz	290	2551	NA	NA
Intel Celeron 1400MHz	302	2534	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1381	NA	NA
Intel Celeron 2950M @ 2.00GHz	2008	1519	NA	NA
Intel Celeron 2955U @ 1.40GHz	1433	1799	NA	NA
Intel Celeron 2957U @ 1.40GHz	1452	1789	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	1973	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1393	NA	NA
Intel Celeron 2980U @ 1.60GHz	1576	1737	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1738	NA	NA
Intel Celeron 3205U @ 1.50GHz	1541	1747	5.37	\$287.04*
Intel Celeron 3215U @ 1.70GHz	1639	1702	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1667	NA	NA
Intel Celeron 3765U @ 1.90GHz	1991	1526	NA	NA
Intel Celeron 3855U @ 1.60GHz	1657	1694	NA	NA
Intel Celeron 3865U @ 1.80GHz	1947	1545	NA	NA
Intel Celeron 3955U @ 2.00GHz	1801	1618	NA	NA
Intel Celeron 3965U @ 2.20GHz	2470	1343	23.09	\$107.00*
Intel Celeron 3965Y @ 1.50GHz	1619	1711	15.14	\$107.00*
Intel Celeron @ 1.30GHz	965	2066	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2671	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2154	NA	NA
Intel Celeron B800 @ 1.50GHz	1279	1883	NA	NA
Intel Celeron B810 @ 1.60GHz	1402	1811	NA	NA
Intel Celeron B815 @ 1.60GHz	1369	1826	NA	NA
Intel Celeron B820 @ 1.70GHz	1428	1800	36.36	\$39.29
Intel Celeron B830 @ 1.80GHz	1520	1759	NA	NA
Intel Celeron B840 @ 1.90GHz	1725	1651	NA	NA
Intel Celeron D 347 @ 3.06GHz	272	2586	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2535	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2511	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2495	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2414	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2334	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2259	NA	NA
Intel Celeron E1200 @ 1.60GHz	861	2127	3.83	\$225.00
Intel Celeron E1400 @ 2.00GHz	1047	2009	1.65	\$635.00
Intel Celeron E1500 @ 2.20GHz	1166	1946	18.44	\$63.25*
Intel Celeron E1600 @ 2.40GHz	1260	1893	NA	NA
Intel Celeron E3200 @ 2.40GHz	1391	1816	26.77	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1391	1817	2.53	\$550.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron E3400 @ 2.60GHz	1442	1795	28.94	\$49.85
Intel Celeron E3500 @ 2.70GHz	1454	1787	36.37	\$39.99
Intel Celeron G440 @ 1.60GHz	690	2209	13.81	\$49.99
Intel Celeron G460 @ 1.80GHz	1028	2018	15.83	\$65.00*
Intel Celeron G465 @ 1.90GHz	1074	2000	13.43	\$80.00*
Intel Celeron G470 @ 2.00GHz	1298	1865	NA	NA
Intel Celeron G530 @ 2.40GHz	2148	1463	53.74	\$39.99
Intel Celeron G530T @ 2.00GHz	1604	1723	NA	NA
Intel Celeron G540 @ 2.50GHz	2200	1446	87.92	\$25.03*
Intel Celeron G540T @ 2.10GHz	2114	1477	NA	NA
Intel Celeron G550 @ 2.60GHz	2288	1404	114.47	\$19.99
Intel Celeron G550T @ 2.20GHz	2063	1498	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1358	15.77	\$153.59
Intel Celeron G1101 @ 2.27GHz	1667	1688	115.47	\$14.44
Intel Celeron G1610 @ 2.60GHz	2495	1332	99.84	\$24.99
Intel Celeron G1610T @ 2.30GHz	2304	1396	57.55	\$40.04*
Intel Celeron G1620 @ 2.70GHz	2581	1303	16.81	\$153.59
Intel Celeron G1620T @ 2.40GHz	2353	1383	56.03	\$42.00*
Intel Celeron G1630 @ 2.80GHz	2483	1338	49.68	\$49.99
Intel Celeron G1820 @ 2.70GHz	2763	1248	18.42	\$149.99
Intel Celeron G1820T @ 2.40GHz	2505	1328	59.66	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1469	NA	NA
Intel Celeron G1830 @ 2.80GHz	2544	1314	35.84	\$70.99*
Intel Celeron G1840 @ 2.80GHz	2866	1211	47.79	\$59.99
Intel Celeron G1840T @ 2.50GHz	2605	1293	NA	NA
Intel Celeron G1850 @ 2.90GHz	2902	1201	36.28	\$80.00*
Intel Celeron G3900 @ 2.80GHz	3030	1155	81.92	\$36.99
Intel Celeron G3900E @ 2.40GHz	2679	1273	NA	NA
Intel Celeron G3900T @ 2.60GHz	2902	1202	NA	NA
Intel Celeron G3920 @ 2.90GHz	3412	1042	85.41	\$39.95
Intel Celeron G3930 @ 2.90GHz	3050	1148	NA	NA
Intel Celeron G3950 @ 3.00GHz	3334	1066	46.82	\$71.22*
Intel Celeron G4900 @ 3.10GHz	3031	1154	72.19	\$42.00
Intel Celeron G4900T @ 2.90GHz	2960	1177	NA	NA
Intel Celeron J1750 @ 2.41GHz	1037	2016	NA	NA
Intel Celeron J1800 @ 2.41GHz	1028	2020	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1716	NA	NA
Intel Celeron J1900 @ 1.99GHz	1861	1587	NA	NA
Intel Celeron J3060 @ 1.60GHz	984	2055	NA	NA
Intel Celeron J3160 @ 1.60GHz	1788	1624	NA	NA
Intel Celeron J3355 @ 2.00GHz	1229	1910	NA	NA
Intel Celeron J3455 @ 1.50GHz	2145	1465	5.36	\$399.99
Intel Celeron M 1.00GHz	207	2654	17.29	\$11.99*
Intel Celeron M 1.30GHz	316	2510	NA	NA
Intel Celeron M 1.50GHz	343	2487	NA	NA
Intel Celeron M 1.60GHz	365	2463	NA	NA
Intel Celeron M 1.70GHz	393	2431	NA	NA
Intel Celeron M 360 1.40GHz	327	2501	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2512	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 420 @ 1.60GHz	339	2490	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2459	NA	NA
Intel Celeron M 440 @ 1.86GHz	412	2401	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2607	NA	NA
Intel Celeron M 450 @ 2.00GHz	455	2357	NA	NA
Intel Celeron M 520 @ 1.60GHz	434	2386	NA	NA
Intel Celeron M 530 @ 1.73GHz	459	2353	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2282	NA	NA
Intel Celeron M 600MHz	151	2695	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2356	NA	NA
Intel Celeron M 900MHz	202	2658	NA	NA
Intel Celeron M 1200MHz	275	2584	NA	NA
Intel Celeron M 1300MHz	303	2531	NA	NA
Intel Celeron M 1500MHz	332	2498	NA	NA
Intel Celeron M ULV 800MHz	184	2676	NA	NA
Intel Celeron N2805 @ 1.46GHz	454	2358	NA	NA
Intel Celeron N2806 @ 1.60GHz	789	2163	NA	NA
Intel Celeron N2807 @ 1.58GHz	853	2134	NA	NA
Intel Celeron N2808 @ 1.58GHz	927	2093	NA	NA
Intel Celeron N2810 @ 2.00GHz	777	2166	5.55	\$139.99*
Intel Celeron N2815 @ 1.86GHz	863	2125	NA	NA
Intel Celeron N2820 @ 2.13GHz	941	2085	5.04	\$187.00
Intel Celeron N2830 @ 2.16GHz	950	2077	NA	NA
Intel Celeron N2840 @ 2.16GHz	1005	2038	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	1926	NA	NA
Intel Celeron N2920 @ 1.86GHz	1516	1763	NA	NA
Intel Celeron N2930 @ 1.83GHz	1633	1706	NA	NA
Intel Celeron N2940 @ 1.83GHz	1734	1648	NA	NA
Intel Celeron N3000 @ 1.04GHz	901	2114	NA	NA
Intel Celeron N3010 @ 1.04GHz	956	2075	NA	NA
Intel Celeron N3050 @ 1.60GHz	881	2119	7.38	\$119.42*
Intel Celeron N3060 @ 1.60GHz	992	2049	NA	NA
Intel Celeron N3150 @ 1.60GHz	1657	1696	NA	NA
Intel Celeron N3160 @ 1.60GHz	1702	1668	5.93	\$286.99*
Intel Celeron N3350 @ 1.10GHz	1125	1965	NA	NA
Intel Celeron N3450 @ 1.10GHz	1828	1607	10.87	\$168.25
Intel Celeron P4500 @ 1.87GHz	1139	1963	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2048	NA	NA
Intel Celeron P4600 @ 2.00GHz	1340	1841	NA	NA
Intel Celeron SU2300 @ 1.20GHz	776	2167	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2078	47.53	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	2005	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1664	NA	NA
Intel Celeron U3400 @ 1.07GHz	733	2186	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2213	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2158	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1047	2010	6.63	\$157.95
Intel Core2 Duo E4400 @ 2.00GHz	1158	1949	7.34	\$157.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E4500 @ 2.20GHz	1275	1885	8.07	\$157.95
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E4600 @ 2.40GHz	1385	1818	8.77	\$157.95
Intel Core2 Duo E4700 @ 2.60GHz	1484	1777	14.85	\$100.00*
Intel Core2 Duo E6300 @ 1.86GHz	1110	1972	7.03	\$157.95
Intel Core2 Duo E6320 @ 1.86GHz	1184	1933	7.50	\$157.95
Intel Core2 Duo E6400 @ 2.13GHz	1291	1870	8.18	\$157.95
Intel Core2 Duo E6420 @ 2.13GHz	1362	1831	8.63	\$157.95
Intel Core2 Duo E6540 @ 2.33GHz	1457	1786	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1499	1771	6.66	\$225.00
Intel Core2 Duo E6600 @ 2.40GHz	1554	1744	9.84	\$157.95
Intel Core2 Duo E6700 @ 2.66GHz	1694	1674	56.50	\$29.99
Intel Core2 Duo E6750 @ 2.66GHz	1716	1655	7.63	\$225.00
Intel Core2 Duo E6850 @ 3.00GHz	1951	1541	29.80	\$65.50
Intel Core2 Duo E7200 @ 2.53GHz	1635	1705	10.36	\$157.95
Intel Core2 Duo E7300 @ 2.66GHz	1725	1650	7.67	\$225.00
Intel Core2 Duo E7400 @ 2.80GHz	1775	1628	59.29	\$29.95
Intel Core2 Duo E7500 @ 2.93GHz	1875	1584	110.38	\$16.99
Intel Core2 Duo E7600 @ 3.06GHz	1979	1531	16.50	\$119.95*
Intel Core2 Duo E8135 @ 2.40GHz	1523	1754	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1765	1632	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1887	1578	11.95	\$157.95
Intel Core2 Duo E8235 @ 2.80GHz	1953	1539	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1382	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1999	1523	142.95	\$13.99
Intel Core2 Duo E8335 @ 2.66GHz	1846	1594	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1471	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2154	1460	19.60	\$109.95*
Intel Core2 Duo E8435 @ 3.06GHz	2126	1473	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2286	1406	57.18	\$39.99
Intel Core2 Duo E8600 @ 3.33GHz	2408	1364	10.71	\$225.00
Intel Core2 Duo E8700 @ 3.50GHz	2212	1441	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2172	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2214	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	841	2139	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2136	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	966	2065	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	965	2067	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	1966	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1067	2002	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1339	1842	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1290	1873	64.54	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1298	1864	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1420	1804	35.52	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	2080	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1523	1753	6.62	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1450	1791	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2025	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1458	1785	4.91	\$297.01*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P8600 @ 2.40GHz	1540	1748	31.32	\$49.18*
Intel Core2 Duo P8700 @ 2.53GHz	1628	1709	42.88	\$37.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P8800 @ 2.66GHz	1746	1641	30.65	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1564	1741	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1765	1631	1.77	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1768	1630	17.86	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1878	1581	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2012	1516	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2256	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1267	1891	5.01	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1682	5.90	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	931	2091	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	829	2146	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	832	2144	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	816	2153	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	936	2089	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	913	2107	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	909	2110	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2100	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1046	2011	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1028	2019	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	987	2054	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1093	1984	109.44	\$9.99*
Intel Core2 Duo T5800 @ 2.00GHz	1110	1971	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1191	1930	74.91	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1145	1960	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	1921	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1225	1913	81.73	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1287	1875	85.88	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1250	1901	32.48	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1363	1829	72.15	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1367	1827	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1014	2029	46.14	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1166	1945	11.67	\$99.95*
Intel Core2 Duo T7250 @ 2.00GHz	1111	1970	5.52	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1194	1928	38.53	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1243	1906	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1274	1886	29.64	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1375	1824	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1417	1805	30.17	\$46.99*
Intel Core2 Duo T7800 @ 2.60GHz	1614	1717	2.65	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1293	1867	1.29	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1479	1779	6.91	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1667	1687	28.76	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1738	1646	24.85	\$69.95*
Intel Core2 Duo T9500 @ 2.60GHz	1809	1614	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1800	1619	6.02	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1556	21.43	\$89.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T9800 @ 2.93GHz	2019	1514	4.76	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2127	1472	5.33	\$398.95*
Intel Core2 Duo U7300 @ 1.30GHz	868	2124	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	582	2261	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	664	2220	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	713	2197	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	859	2129	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1132	1964	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1676	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3651	986	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3639	987	2.43	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3465	1032	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1876	1583	7.12	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1617	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1848	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1706	1662	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1906	1562	4.65	\$409.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2051	1503	2.41	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4166	877	4.58	\$909.00*
Intel Core2 Extreme X9750 @ 3.16GHz	4597	791	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4611	787	2.87	\$1,608.95*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	776	2.57	\$1,805.95*
Intel Core2 Quad Q6600 @ 2.40GHz	2958	1179	73.98	\$39.99
Intel Core2 Quad Q6700 @ 2.66GHz	3286	1075	121.83	\$26.98
Intel Core2 Quad Q8200 @ 2.33GHz	2815	1228	122.47	\$22.99
Intel Core2 Quad Q8300 @ 2.50GHz	2989	1169	59.80	\$49.99
Intel Core2 Quad Q8400 @ 2.66GHz	3176	1107	31.92	\$99.50*
Intel Core2 Quad Q9000 @ 2.00GHz	2527	1320	6.50	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3244	1089	8.41	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3162	1115	63.26	\$49.99
Intel Core2 Quad Q9400 @ 2.66GHz	3353	1061	98.69	\$33.98
Intel Core2 Quad Q9450 @ 2.66GHz	3765	959	11.24	\$335.00
Intel Core2 Quad Q9500 @ 2.83GHz	3557	1010	104.66	\$33.99
Intel Core2 Quad Q9505 @ 2.83GHz	3583	1002	18.86	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3979	910	79.60	\$49.99
Intel Core2 Quad Q9650 @ 3.00GHz	4184	872	16.10	\$259.99
Intel Core2 Quad Q9705 @ 3.16GHz	3947	915	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	303	2530	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2520	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2398	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	466	2345	NA	NA
Intel Core 330 @ 1.60GHz	643	2231	NA	NA
Intel Core 860 @ 2.80GHz	4555	801	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2194	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2199	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	2190	NA	NA
Intel Core Duo T2050 @ 1.60GHz	698	2207	NA	NA
Intel Core Duo T2250 @ 1.73GHz	758	2177	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo T2300 @ 1.66GHz	730	2187	NA	NA
Intel Core Duo T2350 @ 1.86GHz	760	2173	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2161	49.64	\$16.00*
Intel Core Duo T2450 @ 2.00GHz	822	2148	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo T2500 @ 2.00GHz	868	2123	7.24	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	941	2086	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2024	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2280	NA	NA
Intel Core Duo U2500 @ 1.20GHz	517	2298	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1552	NA	NA
Intel Core i3-330M @ 2.13GHz	1791	1623	36.90	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1077	1999	NA	NA
Intel Core i3-350M @ 2.27GHz	1894	1573	49.77	\$38.06
Intel Core i3-370M @ 2.40GHz	2017	1515	50.49	\$39.96
Intel Core i3-380M @ 2.53GHz	2096	1486	42.78	\$49.00*
Intel Core i3-380UM @ 1.33GHz	1166	1944	NA	NA
Intel Core i3-390M @ 2.67GHz	2176	1454	55.87	\$38.95*
Intel Core i3-530 @ 2.93GHz	2573	1305	128.68	\$20.00
Intel Core i3-540 @ 3.07GHz	2689	1270	128.09	\$21.00
Intel Core i3-550 @ 3.20GHz	2825	1221	15.70	\$179.95
Intel Core i3-560 @ 3.33GHz	2943	1184	98.18	\$29.98
Intel Core i3-2100 @ 3.10GHz	3683	980	122.80	\$30.00
Intel Core i3-2100T @ 2.50GHz	2911	1195	26.47	\$109.99
Intel Core i3-2102 @ 3.10GHz	3736	968	64.41	\$58.00*
Intel Core i3-2105 @ 3.10GHz	3721	970	31.54	\$118.00*
Intel Core i3-2120 @ 3.30GHz	3920	923	61.26	\$63.99
Intel Core i3-2120T @ 2.60GHz	3160	1120	29.27	\$107.98
Intel Core i3-2125 @ 3.30GHz	4020	899	20.20	\$199.00
Intel Core i3-2130 @ 3.40GHz	4060	890	58.01	\$69.99
Intel Core i3-2140 @ 3.50GHz	4325	846	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1216	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2426	1356	53.94	\$44.99
Intel Core i3-2312M @ 2.10GHz	2381	1371	NA	NA
Intel Core i3-2328M @ 2.20GHz	2534	1317	27.27	\$92.97*
Intel Core i3-2330E @ 2.20GHz	3073	1139	NA	NA
Intel Core i3-2330M @ 2.20GHz	2524	1321	50.53	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1370	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1653	NA	NA
Intel Core i3-2348M @ 2.30GHz	2622	1286	NA	NA
Intel Core i3-2350M @ 2.30GHz	2619	1288	62.41	\$41.97*
Intel Core i3-2357M @ 1.30GHz	1556	1743	NA	NA
Intel Core i3-2365M @ 1.40GHz	1678	1680	NA	NA
Intel Core i3-2367M @ 1.40GHz	1703	1665	NA	NA
Intel Core i3-2370M @ 2.40GHz	2771	1242	46.98	\$59.00
Intel Core i3-2375M @ 1.50GHz	1781	1625	NA	NA
Intel Core i3-2377M @ 1.50GHz	1830	1605	NA	NA
Intel Core i3-3110M @ 2.40GHz	3073	1138	38.45	\$79.95
Intel Core i3-3120M @ 2.50GHz	3217	1098	20.11	\$160.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3130M @ 2.60GHz	3374	1056	NA	NA
Intel Core i3-3210 @ 3.20GHz	4033	895	35.08	\$114.99
Intel Core i3-3217U @ 1.80GHz	2300	1398	6.63	\$347.12*
Intel Core i3-3217UE @ 1.60GHz	2162	1459	NA	NA
Intel Core i3-3220 @ 3.30GHz	4233	862	65.65	\$64.49
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3220T @ 2.80GHz	3694	978	24.07	\$153.45
Intel Core i3-3225 @ 3.30GHz	4338	843	43.39	\$99.99
Intel Core i3-3227U @ 1.90GHz	2461	1345	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1694	1673	NA	NA
Intel Core i3-3240 @ 3.40GHz	4312	847	63.44	\$67.99
Intel Core i3-3240T @ 2.90GHz	3668	984	NA	NA
Intel Core i3-3245 @ 3.40GHz	4424	820	44.27	\$99.95
Intel Core i3-3250 @ 3.50GHz	4447	816	28.69	\$154.99*
Intel Core i3-3250T @ 3.00GHz	3021	1156	NA	NA
Intel Core i3-4000M @ 2.40GHz	3238	1090	16.20	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2447	1350	NA	NA
Intel Core i3-4010U @ 1.70GHz	2439	1352	8.71	\$279.99
Intel Core i3-4010Y @ 1.30GHz	1897	1570	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2169	1455	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2206	1444	NA	NA
Intel Core i3-4025U @ 1.90GHz	2777	1241	NA	NA
Intel Core i3-4030U @ 1.90GHz	2705	1266	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1327	NA	NA
Intel Core i3-4100M @ 2.50GHz	3465	1033	15.85	\$218.57*
Intel Core i3-4110M @ 2.60GHz	3873	932	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1203	NA	NA
Intel Core i3-4120U @ 2.00GHz	3050	1149	NA	NA
Intel Core i3-4130 @ 3.40GHz	4793	756	29.01	\$165.25
Intel Core i3-4130T @ 2.90GHz	4133	882	46.44	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4901	734	44.56	\$110.00
Intel Core i3-4150T @ 3.00GHz	4260	857	18.53	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1194	NA	NA
Intel Core i3-4160 @ 3.60GHz	5055	707	50.56	\$99.99
Intel Core i3-4160T @ 3.10GHz	4392	828	30.93	\$141.99*
Intel Core i3-4170 @ 3.70GHz	5187	685	41.00	\$126.50
Intel Core i3-4170T @ 3.20GHz	4591	793	30.62	\$149.95
Intel Core i3-4330 @ 3.50GHz	5088	699	15.00	\$339.19
Intel Core i3-4330T @ 3.00GHz	4482	814	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3161	1116	NA	NA
Intel Core i3-4340 @ 3.60GHz	5237	679	24.94	\$209.99
Intel Core i3-4350 @ 3.60GHz	4963	722	26.16	\$189.73*
Intel Core i3-4350T @ 3.10GHz	4302	849	NA	NA
Intel Core i3-4360 @ 3.70GHz	5455	648	19.49	\$279.95
Intel Core i3-4360T @ 3.20GHz	4636	780	NA	NA
Intel Core i3-4370 @ 3.80GHz	5599	626	12.44	\$449.97
Intel Core i3-4370T @ 3.30GHz	4832	746	35.02	\$138.00*
Intel Core i3-4570T @ 2.90GHz	4934	729	NA	NA
Intel Core i3-5005U @ 2.00GHz	2908	1197	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-5010U @ 2.10GHz	3059	1146	10.07	\$303.93*
Intel Core i3-5015U @ 2.10GHz	3040	1153	NA	NA
Intel Core i3-5020U @ 2.20GHz	3186	1104	6.94	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3668	983	NA	NA
Intel Core i3-6006U @ 2.00GHz	3107	1129	NA	NA
Intel Core i3-6098P @ 3.60GHz	5436	653	40.65	\$133.74*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-6100 @ 3.70GHz	5493	638	47.78	\$114.99
Intel Core i3-6100E @ 2.70GHz	3769	957	NA	NA
Intel Core i3-6100H @ 2.70GHz	4212	864	NA	NA
Intel Core i3-6100T @ 3.20GHz	4845	744	37.27	\$129.99
Intel Core i3-6100TE @ 2.70GHz	4337	844	NA	NA
Intel Core i3-6100U @ 2.30GHz	3602	993	6.99	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3833	939	NA	NA
Intel Core i3-6300 @ 3.80GHz	5853	594	42.47	\$137.84
Intel Core i3-6300T @ 3.30GHz	5245	678	37.47	\$139.99
Intel Core i3-6320 @ 3.90GHz	6045	575	39.51	\$152.99
Intel Core i3-7020U @ 2.30GHz	3664	985	13.04	\$281.00*
Intel Core i3-7100 @ 3.90GHz	5790	600	50.40	\$114.89
Intel Core i3-7100H @ 3.00GHz	4768	758	21.19	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5073	702	NA	NA
Intel Core i3-7100U @ 2.40GHz	3827	941	8.35	\$458.33
Intel Core i3-7101TE @ 3.40GHz	5016	713	42.88	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4104	887	14.61	\$281.00*
Intel Core i3-7300 @ 4.00GHz	6442	539	40.55	\$158.89*
Intel Core i3-7300T @ 3.50GHz	5366	659	NA	NA
Intel Core i3-7320 @ 4.10GHz	6541	528	36.36	\$179.90*
Intel Core i3-7350K @ 4.20GHz	6629	520	36.83	\$179.99
Intel Core i3-8100 @ 3.60GHz	8087	393	68.54	\$118.00
Intel Core i3-8130U @ 2.20GHz	5246	677	18.67	\$281.00*
Intel Core i3-8300 @ 3.70GHz	8862	336	64.22	\$138.00*
Intel Core i3-8300T @ 3.20GHz	8009	403	35.13	\$227.99*
Intel Core i3-8350K @ 4.00GHz	9226	307	50.67	\$182.08
Intel Core i5 750S @ 2.40GHz	2197	1447	8.72	\$252.01
Intel Core i5 E 520 @ 2.40GHz	2486	1336	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3637	989	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3900	925	NA	NA
Intel Core i5-430M @ 2.27GHz	2101	1485	15.01	\$139.95*
Intel Core i5-430UM @ 1.20GHz	1339	1843	NA	NA
Intel Core i5-450M @ 2.40GHz	2112	1480	66.11	\$31.95*
Intel Core i5-460M @ 2.53GHz	2328	1387	31.07	\$74.95*
Intel Core i5-470UM @ 1.33GHz	1081	1996	NA	NA
Intel Core i5-480M @ 2.67GHz	2411	1362	29.92	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1432	NA	NA
Intel Core i5-520M @ 2.40GHz	2371	1376	39.53	\$59.99
Intel Core i5-520UM @ 1.07GHz	1356	1835	NA	NA
Intel Core i5-540M @ 2.53GHz	2449	1349	12.89	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1415	1806	NA	NA
Intel Core i5-560M @ 2.67GHz	2588	1299	31.57	\$81.97

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-560UM @ 1.33GHz	1664	1690	NA	NA
Intel Core i5-580M @ 2.67GHz	2617	1289	10.15	\$258.00*
Intel Core i5-650 @ 3.20GHz	3106	1130	88.55	\$35.08
Intel Core i5-655K @ 3.20GHz	3399	1048	NA	NA
Intel Core i5-660 @ 3.33GHz	3258	1084	66.49	\$49.00
Intel Core i5-661 @ 3.33GHz	3180	1105	19.88	\$160.00*
Intel Core i5-670 @ 3.47GHz	3312	1071	13.15	\$252.01
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-680 @ 3.60GHz	3513	1017	11.95	\$293.98
Intel Core i5-750 @ 2.67GHz	3701	976	20.97	\$176.50
Intel Core i5-760 @ 2.80GHz	3896	928	38.97	\$99.99
Intel Core i5-2300 @ 2.80GHz	5349	666	64.46	\$82.99
Intel Core i5-2310 @ 2.90GHz	5525	637	78.97	\$69.98
Intel Core i5-2320 @ 3.00GHz	5755	606	22.14	\$259.95
Intel Core i5-2380P @ 3.10GHz	5679	615	13.19	\$430.59
Intel Core i5-2390T @ 2.70GHz	4260	856	42.65	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5949	581	70.83	\$83.99
Intel Core i5-2400S @ 2.50GHz	4952	725	50.18	\$98.70
Intel Core i5-2405S @ 2.50GHz	5051	708	30.72	\$164.40*
Intel Core i5-2410M @ 2.30GHz	3167	1111	40.57	\$78.07
Intel Core i5-2415M @ 2.30GHz	3299	1074	NA	NA
Intel Core i5-2430M @ 2.40GHz	3282	1077	22.64	\$145.00*
Intel Core i5-2435M @ 2.40GHz	3225	1093	NA	NA
Intel Core i5-2450M @ 2.50GHz	3399	1049	26.15	\$130.00*
Intel Core i5-2450P @ 3.20GHz	6132	566	31.45	\$195.00*
Intel Core i5-2467M @ 1.60GHz	2337	1385	NA	NA
Intel Core i5-2500 @ 3.30GHz	6326	551	40.04	\$157.99
Intel Core i5-2500K @ 3.30GHz	6475	534	46.25	\$139.99
Intel Core i5-2500S @ 2.70GHz	5308	671	27.94	\$190.00
Intel Core i5-2500T @ 2.30GHz	4680	773	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	981	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1070	NA	NA
Intel Core i5-2520M @ 2.50GHz	3584	1000	21.13	\$169.60*
Intel Core i5-2537M @ 1.40GHz	2092	1488	NA	NA
Intel Core i5-2540M @ 2.60GHz	3784	954	54.10	\$69.95
Intel Core i5-2550K @ 3.40GHz	6700	512	51.94	\$129.00*
Intel Core i5-2557M @ 1.70GHz	2651	1279	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	963	NA	NA
Intel Core i5-3210M @ 2.50GHz	3819	943	31.75	\$120.29*
Intel Core i5-3230M @ 2.60GHz	3937	919	15.77	\$249.65*
Intel Core i5-3317U @ 1.70GHz	3090	1133	13.74	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4113	886	33.51	\$122.74*
Intel Core i5-3330 @ 3.00GHz	5925	585	16.46	\$359.95*
Intel Core i5-3330S @ 2.70GHz	5662	617	25.33	\$223.54*
Intel Core i5-3335S @ 2.70GHz	5788	601	NA	NA
Intel Core i5-3337U @ 1.80GHz	3218	1097	14.30	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2237	1435	NA	NA
Intel Core i5-3340 @ 3.10GHz	6078	572	23.20	\$262.01
Intel Core i5-3340M @ 2.70GHz	4244	860	53.09	\$79.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3340S @ 2.80GHz	5819	598	14.62	\$397.95*
Intel Core i5-3350P @ 3.10GHz	6140	563	36.12	\$169.99
Intel Core i5-3360M @ 2.80GHz	4419	822	45.06	\$98.08
Intel Core i5-3380M @ 2.90GHz	4417	824	NA	NA
Intel Core i5-3427U @ 1.80GHz	3547	1012	8.45	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3636	990	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1190	NA	NA
Intel Core i5-3450 @ 3.10GHz	6513	531	50.10	\$129.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3450S @ 2.80GHz	6197	557	37.33	\$166.00
Intel Core i5-3470 @ 3.20GHz	6680	515	48.76	\$136.99
Intel Core i5-3470S @ 2.90GHz	6344	550	44.82	\$141.56
Intel Core i5-3470T @ 2.90GHz	4491	812	19.87	\$226.00*
Intel Core i5-3475S @ 2.90GHz	6618	522	77.05	\$85.90*
Intel Core i5-3550 @ 3.30GHz	6931	495	33.73	\$205.50
Intel Core i5-3550S @ 3.00GHz	6845	498	29.70	\$230.51*
Intel Core i5-3570 @ 3.40GHz	7092	478	50.67	\$139.99
Intel Core i5-3570K @ 3.40GHz	7167	470	48.11	\$148.98
Intel Core i5-3570S @ 3.10GHz	6691	513	23.48	\$285.00
Intel Core i5-3570T @ 2.30GHz	5877	589	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3786	953	NA	NA
Intel Core i5-4200H @ 2.80GHz	4441	818	NA	NA
Intel Core i5-4200M @ 2.50GHz	4039	894	22.44	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3284	1076	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1365	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2256	1424	NA	NA
Intel Core i5-4210H @ 2.90GHz	4539	804	NA	NA
Intel Core i5-4210M @ 2.60GHz	4191	869	13.52	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3400	1047	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2375	1375	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1423	NA	NA
Intel Core i5-4250U @ 1.30GHz	3456	1035	9.63	\$358.99*
Intel Core i5-4258U @ 2.40GHz	4077	888	NA	NA
Intel Core i5-4260U @ 1.40GHz	3593	997	NA	NA
Intel Core i5-4278U @ 2.60GHz	4367	835	NA	NA
Intel Core i5-4288U @ 2.60GHz	4365	836	NA	NA
Intel Core i5-4300M @ 2.60GHz	4404	825	NA	NA
Intel Core i5-4300U @ 1.90GHz	3740	967	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2482	1339	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2967	1175	NA	NA
Intel Core i5-4308U @ 2.80GHz	4190	870	NA	NA
Intel Core i5-4310M @ 2.70GHz	4612	785	NA	NA
Intel Core i5-4310U @ 2.00GHz	3706	973	NA	NA
Intel Core i5-4330M @ 2.80GHz	4442	817	16.16	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4810	752	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	992	NA	NA
Intel Core i5-4400E @ 2.70GHz	1271	1889	NA	NA
Intel Core i5-4402E @ 1.60GHz	3947	916	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1232	10.55	\$266.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4430 @ 3.00GHz	6307	552	35.04	\$179.99
Intel Core i5-4430S @ 2.70GHz	5910	587	39.94	\$147.99*
Intel Core i5-4440 @ 3.10GHz	6487	533	38.16	\$169.99
Intel Core i5-4440S @ 2.80GHz	6187	559	13.37	\$462.97*
Intel Core i5-4460 @ 3.20GHz	6704	511	37.25	\$179.99
Intel Core i5-4460S @ 2.90GHz	6401	547	9.70	\$659.99*
Intel Core i5-4460T @ 1.90GHz	4953	724	NA	NA
Intel Core i5-4570 @ 3.20GHz	7107	475	39.49	\$179.99
Intel Core i5-4570R @ 2.70GHz	6727	510	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4570S @ 2.90GHz	6779	506	16.54	\$409.95
Intel Core i5-4570T @ 2.90GHz	4823	750	32.16	\$149.99
Intel Core i5-4570TE @ 2.70GHz	4008	904	14.93	\$268.42*
Intel Core i5-4590 @ 3.30GHz	7283	462	38.34	\$189.98
Intel Core i5-4590S @ 3.00GHz	6999	487	18.87	\$370.99
Intel Core i5-4590T @ 2.00GHz	5580	629	NA	NA
Intel Core i5-4670 @ 3.40GHz	7425	451	39.29	\$188.99
Intel Core i5-4670K @ 3.40GHz	7631	434	31.80	\$240.00
Intel Core i5-4670K CPT @ 3.40GHz	7411	453	NA	NA
Intel Core i5-4670S @ 3.10GHz	6436	542	NA	NA
Intel Core i5-4670T @ 2.30GHz	6204	555	29.13	\$213.00
Intel Core i5-4690 @ 3.50GHz	7648	432	38.25	\$199.99
Intel Core i5-4690K @ 3.50GHz	7792	418	35.42	\$219.99
Intel Core i5-4690S @ 3.20GHz	7424	452	13.05	\$569.00*
Intel Core i5-4690T @ 2.50GHz	6459	536	NA	NA
Intel Core i5-5200U @ 2.20GHz	3490	1024	NA	NA
Intel Core i5-5250U @ 1.60GHz	3591	999	8.13	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4400	826	NA	NA
Intel Core i5-5287U @ 2.90GHz	4681	772	NA	NA
Intel Core i5-5300U @ 2.30GHz	3799	948	7.80	\$487.40
Intel Core i5-5350U @ 1.80GHz	3316	1069	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	448	NA	NA
Intel Core i5-5675C @ 3.10GHz	8201	382	13.42	\$611.32*
Intel Core i5-5675R @ 3.10GHz	8054	395	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4171	874	NA	NA
Intel Core i5-6200U @ 2.30GHz	4014	901	NA	NA
Intel Core i5-6260U @ 1.80GHz	4363	837	8.41	\$518.99*
Intel Core i5-6267U @ 2.90GHz	4959	723	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	761	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6083	571	NA	NA
Intel Core i5-6300U @ 2.40GHz	4374	832	NA	NA
Intel Core i5-6360U @ 2.00GHz	4836	745	NA	NA
Intel Core i5-6400 @ 2.70GHz	6760	508	42.52	\$159.00
Intel Core i5-6400T @ 2.20GHz	5609	625	33.19	\$169.00
Intel Core i5-6402P @ 2.80GHz	7106	476	37.40	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	602	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6781	505	NA	NA
Intel Core i5-6500 @ 3.20GHz	7237	465	36.45	\$198.55
Intel Core i5-6500T @ 2.50GHz	6246	553	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6500TE @ 2.30GHz	6585	525	NA	NA
Intel Core i5-6600 @ 3.30GHz	7757	421	35.26	\$219.99
Intel Core i5-6600K @ 3.50GHz	8051	397	36.11	\$222.99
Intel Core i5-6600T @ 2.70GHz	7310	460	39.73	\$183.99
Intel Core i5-7200U @ 2.50GHz	4640	777	NA	NA
Intel Core i5-7260U @ 2.20GHz	5709	611	NA	NA
Intel Core i5-7267U @ 3.10GHz	5068	704	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	619	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6836	500	NA	NA
Intel Core i5-7300U @ 2.60GHz	5128	689	11.13	\$460.74
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7360U @ 2.30GHz	5960	580	NA	NA
Intel Core i5-7400 @ 3.00GHz	7385	454	41.26	\$179.00
Intel Core i5-7400T @ 2.40GHz	6442	540	43.24	\$149.00
Intel Core i5-7440HQ @ 2.80GHz	7691	429	NA	NA
Intel Core i5-7500 @ 3.40GHz	8043	399	41.00	\$196.16
Intel Core i5-7500T @ 2.70GHz	7082	479	31.20	\$226.97
Intel Core i5-7600 @ 3.50GHz	8806	345	39.28	\$224.19
Intel Core i5-7600K @ 3.80GHz	9148	313	39.78	\$229.99
Intel Core i5-7600T @ 2.80GHz	8130	390	32.34	\$251.38
Intel Core i5-7640X @ 4.00GHz	9671	273	42.61	\$227.00
Intel Core i5-8250U @ 1.60GHz	7658	431	NA	NA
Intel Core i5-8300H @ 2.30GHz	9219	308	36.88	\$250.00*
Intel Core i5-8350U @ 1.70GHz	8285	377	27.90	\$297.00*
Intel Core i5-8400 @ 2.80GHz	11781	173	65.82	\$178.99
Intel Core i5-8400T @ 1.70GHz	9644	274	33.03	\$291.99*
Intel Core i5-8500 @ 3.00GHz	12109	166	50.01	\$242.16*
Intel Core i5-8500T @ 2.10GHz	10359	218	32.17	\$321.99*
Intel Core i5-8600 @ 3.10GHz	12110	165	45.39	\$266.81
Intel Core i5-8600K @ 3.60GHz	12831	147	49.36	\$259.99
Intel Core i5-8600T @ 2.30GHz	10995	193	34.47	\$318.94*
Intel Core i5-24050S @ 2.50GHz	4928	731	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3750	964	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1534	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1313	NA	NA
Intel Core i7-620LM @ 2.00GHz	1952	1540	NA	NA
Intel Core i7-620M @ 2.67GHz	2726	1261	24.79	\$110.01*
Intel Core i7-620UM @ 1.07GHz	1323	1853	NA	NA
Intel Core i7-640LM @ 2.13GHz	2250	1428	NA	NA
Intel Core i7-640M @ 2.80GHz	2844	1215	17.78	\$159.95
Intel Core i7-640UM @ 1.20GHz	1666	1689	NA	NA
Intel Core i7-660UM @ 1.33GHz	1745	1642	NA	NA
Intel Core i7-680UM @ 1.47GHz	1686	1678	NA	NA
Intel Core i7-720QM @ 1.60GHz	3017	1159	27.44	\$109.95*
Intel Core i7-740QM @ 1.73GHz	3200	1101	29.11	\$109.95*
Intel Core i7-820QM @ 1.73GHz	3235	1091	23.28	\$139.00*
Intel Core i7-840QM @ 1.87GHz	3410	1043	11.76	\$289.97*
Intel Core i7-860 @ 2.80GHz	5019	712	20.63	\$243.37
Intel Core i7-860S @ 2.53GHz	4711	764	11.16	\$422.01

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-870 @ 2.93GHz	5358	663	25.65	\$208.90
Intel Core i7-870S @ 2.67GHz	4969	721	NA	NA
Intel Core i7-875K @ 2.93GHz	5445	651	13.28	\$409.95
Intel Core i7-880 @ 3.07GHz	5610	624	9.62	\$583.00*
Intel Core i7-920 @ 2.67GHz	4934	730	26.11	\$189.00
Intel Core i7-920XM @ 2.00GHz	3757	962	11.78	\$318.93*
Intel Core i7-930 @ 2.80GHz	5150	687	27.25	\$189.00
Intel Core i7-940 @ 2.93GHz	5362	661	51.57	\$103.99
Intel Core i7-940XM @ 2.13GHz	3936	920	NA	NA
Intel Core i7-950 @ 3.07GHz	5562	630	17.95	\$309.95*
Intel Core i7-960 @ 3.20GHz	5831	597	58.32	\$99.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-965 @ 3.20GHz	5860	592	41.87	\$139.99
Intel Core i7-970 @ 3.20GHz	8409	370	56.07	\$149.99
Intel Core i7-975 @ 3.33GHz	6135	564	36.09	\$169.99
Intel Core i7-980 @ 3.33GHz	8692	352	12.42	\$699.99
Intel Core i7-980X @ 3.33GHz	8810	344	40.05	\$219.99
Intel Core i7-985 @ 3.47GHz	6641	518	NA	NA
Intel Core i7-990X @ 3.47GHz	9101	318	22.75	\$399.99
Intel Core i7-995X @ 3.60GHz	9791	260	NA	NA
Intel Core i7-2600 @ 3.40GHz	8200	383	48.25	\$169.98
Intel Core i7-2600K @ 3.40GHz	8454	367	30.20	\$279.99
Intel Core i7-2600S @ 2.80GHz	7079	481	20.42	\$346.69
Intel Core i7-2610UE @ 1.50GHz	2481	1341	NA	NA
Intel Core i7-2617M @ 1.50GHz	2818	1225	NA	NA
Intel Core i7-2620M @ 2.70GHz	3835	938	21.40	\$179.21
Intel Core i7-2630QM @ 2.00GHz	5538	635	42.93	\$129.00*
Intel Core i7-2630UM @ 1.60GHz	2584	1300	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5460	646	NA	NA
Intel Core i7-2637M @ 1.70GHz	2906	1198	NA	NA
Intel Core i7-2640M @ 2.80GHz	3934	922	20.25	\$194.29*
Intel Core i7-2655LE @ 2.20GHz	3161	1117	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5901	588	22.79	\$259.00*
Intel Core i7-2675QM @ 2.20GHz	5550	632	NA	NA
Intel Core i7-2677M @ 1.80GHz	2834	1218	NA	NA
Intel Core i7-2700K @ 3.50GHz	8723	348	43.62	\$199.99
Intel Core i7-2710QE @ 2.10GHz	5768	604	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	660	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6114	568	32.19	\$189.95*
Intel Core i7-2760QM @ 2.40GHz	6577	526	47.00	\$139.95*
Intel Core i7-2820QM @ 2.30GHz	6634	519	26.43	\$251.04*
Intel Core i7-2840QM @ 2.40GHz	6766	507	NA	NA
Intel Core i7-2860QM @ 2.50GHz	7007	485	11.68	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7044	484	11.57	\$608.95*
Intel Core i7-2960XM @ 2.70GHz	7154	472	17.45	\$409.95*
Intel Core i7-3517U @ 1.90GHz	3594	996	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3323	1067	NA	NA
Intel Core i7-3520M @ 2.90GHz	4534	806	19.30	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3848	934	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3540M @ 3.00GHz	4638	779	10.79	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	4130	883	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6451	537	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7470	447	18.68	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6562	527	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6829	502	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7340	457	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7369	455	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7587	438	31.75	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6939	490	20.71	\$335.00*
Intel Core i7-3635QM @ 2.40GHz	6671	516	NA	NA
Intel Core i7-3667U @ 2.00GHz	3995	906	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3687U @ 2.10GHz	4171	875	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3269	1078	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8124	392	24.27	\$334.72*
Intel Core i7-3740QM @ 2.70GHz	8338	373	34.75	\$239.95*
Intel Core i7-3770 @ 3.40GHz	9299	303	46.50	\$199.99
Intel Core i7-3770K @ 3.50GHz	9528	279	38.27	\$248.98
Intel Core i7-3770S @ 3.10GHz	8882	335	41.53	\$213.90
Intel Core i7-3770T @ 2.50GHz	8190	384	24.82	\$329.99*
Intel Core i7-3820 @ 3.60GHz	9004	326	21.96	\$409.99
Intel Core i7-3820QM @ 2.70GHz	8451	368	17.35	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8802	346	26.28	\$335.00*
Intel Core i7-3920XM @ 2.90GHz	9151	312	8.35	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	12011	169	60.06	\$199.99
Intel Core i7-3940XM @ 3.00GHz	9308	302	17.27	\$539.00
Intel Core i7-3960X @ 3.30GHz	12626	154	7.65	\$1,650.00
Intel Core i7-3970X @ 3.50GHz	12661	152	29.11	\$435.00*
Intel Core i7-4500U @ 1.80GHz	3788	951	NA	NA
Intel Core i7-4510U @ 2.00GHz	3935	921	NA	NA
Intel Core i7-4550U @ 1.50GHz	3760	960	NA	NA
Intel Core i7-4558U @ 2.80GHz	4369	833	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	845	NA	NA
Intel Core i7-4578U @ 3.00GHz	4758	760	NA	NA
Intel Core i7-4600M @ 2.90GHz	4850	743	NA	NA
Intel Core i7-4600U @ 2.10GHz	4114	885	NA	NA
Intel Core i7-4610M @ 3.00GHz	4973	719	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	966	NA	NA
Intel Core i7-4650U @ 1.70GHz	3980	909	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7180	469	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7738	424	20.20	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7695	428	40.71	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7485	446	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7137	474	21.30	\$335.07
Intel Core i7-4710HQ @ 2.50GHz	7745	423	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7985	405	29.41	\$271.57*
Intel Core i7-4712HQ @ 2.30GHz	7513	442	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7163	471	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	8011	402	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	396	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8284	378	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8595	360	NA	NA
Intel Core i7-4765T @ 2.00GHz	7305	461	27.06	\$269.99*
Intel Core i7-4770 @ 3.40GHz	9790	261	40.80	\$239.99
Intel Core i7-4770HQ @ 2.20GHz	8948	332	NA	NA
Intel Core i7-4770K @ 3.50GHz	10102	239	34.84	\$289.98
Intel Core i7-4770R @ 3.20GHz	9830	259	NA	NA
Intel Core i7-4770S @ 3.10GHz	9340	297	37.37	\$249.99
Intel Core i7-4770T @ 2.50GHz	8634	358	21.59	\$399.99
Intel Core i7-4770TE @ 2.30GHz	6615	523	NA	NA
Intel Core i7-4771 @ 3.50GHz	9877	257	32.93	\$299.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4785T @ 2.20GHz	7608	437	NA	NA
Intel Core i7-4790 @ 3.60GHz	9994	247	29.79	\$335.49
Intel Core i7-4790K @ 4.00GHz	11186	182	31.08	\$359.99
Intel Core i7-4790S @ 3.20GHz	9563	278	23.91	\$399.99
Intel Core i7-4790T @ 2.70GHz	9066	320	25.26	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8501	363	16.67	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8660	356	20.38	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9725	269	13.70	\$709.99
Intel Core i7-4850HQ @ 2.30GHz	9001	327	20.74	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7925	410	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9234	306	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9344	296	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9052	321	14.86	\$609.29*
Intel Core i7-4910MQ @ 2.90GHz	9441	289	20.53	\$459.95*
Intel Core i7-4930K @ 3.40GHz	13030	144	26.06	\$499.99
Intel Core i7-4930MX @ 3.00GHz	9516	280	8.68	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9900	253	15.00	\$659.95*
Intel Core i7-4960HQ @ 2.60GHz	9778	264	15.70	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13807	127	12.55	\$1,099.99
Intel Core i7-4980HQ @ 2.80GHz	10202	228	NA	NA
Intel Core i7-5500U @ 2.40GHz	3973	912	NA	NA
Intel Core i7-5550U @ 2.00GHz	4271	852	NA	NA
Intel Core i7-5557U @ 3.10GHz	4938	728	7.01	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4309	848	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	863	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	386	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	381	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8371	371	NA	NA
Intel Core i7-5775C @ 3.30GHz	11009	192	28.23	\$389.99
Intel Core i7-5775R @ 3.30GHz	10848	197	NA	NA
Intel Core i7-5820K @ 3.30GHz	12995	145	48.13	\$269.99
Intel Core i7-5850HQ @ 2.70GHz	9459	288	NA	NA
Intel Core i7-5930K @ 3.50GHz	13636	131	27.27	\$499.99
Intel Core i7-5950HQ @ 2.90GHz	10949	194	NA	NA
Intel Core i7-5960X @ 3.00GHz	15976	82	19.97	\$799.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6498DU @ 2.50GHz	4538	805	NA	NA
Intel Core i7-6500U @ 2.50GHz	4431	819	NA	NA
Intel Core i7-6560U @ 2.20GHz	4809	753	NA	NA
Intel Core i7-6567U @ 3.30GHz	5639	621	NA	NA
Intel Core i7-6600U @ 2.60GHz	4805	754	NA	NA
Intel Core i7-6650U @ 2.20GHz	4944	727	NA	NA
Intel Core i7-6700 @ 3.40GHz	10011	246	32.91	\$304.18
Intel Core i7-6700HQ @ 2.60GHz	8138	389	5.39	\$1,509.00*
Intel Core i7-6700K @ 4.00GHz	11113	184	27.78	\$399.99
Intel Core i7-6700T @ 2.80GHz	9042	322	33.49	\$269.99*
Intel Core i7-6700TE @ 2.40GHz	8818	343	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9709	271	9.69	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13610	133	38.89	\$349.99
Intel Core i7-6820EQ @ 2.80GHz	8968	329	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6820HK @ 2.70GHz	9137	314	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8784	347	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6427	545	NA	NA
Intel Core i7-6850K @ 3.60GHz	14383	115	26.15	\$549.99
Intel Core i7-6900K @ 3.20GHz	17707	56	18.36	\$964.37
Intel Core i7-6920HQ @ 2.90GHz	9617	276	NA	NA
Intel Core i7-6950X @ 3.00GHz	19994	31	15.38	\$1,299.99
Intel Core i7-7500U @ 2.70GHz	5190	683	NA	NA
Intel Core i7-7560U @ 2.40GHz	5877	590	NA	NA
Intel Core i7-7567U @ 3.50GHz	6533	530	NA	NA
Intel Core i7-7600U @ 2.80GHz	5545	633	NA	NA
Intel Core i7-7660U @ 2.50GHz	6089	570	NA	NA
Intel Core i7-7700 @ 3.60GHz	10774	199	35.33	\$304.99
Intel Core i7-7700HQ @ 2.80GHz	8859	337	NA	NA
Intel Core i7-7700K @ 4.20GHz	12057	168	38.52	\$312.98
Intel Core i7-7700T @ 2.90GHz	9336	299	29.53	\$316.15
Intel Core i7-7740X @ 4.30GHz	12269	162	33.94	\$361.52
Intel Core i7-7800X @ 3.50GHz	14485	110	39.15	\$369.99
Intel Core i7-7820HK @ 2.90GHz	10052	243	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9413	293	NA	NA
Intel Core i7-7820X @ 3.60GHz	18586	43	39.72	\$467.99
Intel Core i7-7900X @ 3.30GHz	18539	45	NA	NA
Intel Core i7-7920HQ @ 3.10GHz	10158	234	NA	NA
Intel Core i7-8086K @ 4.00GHz	17189	60	40.45	\$425.00*
Intel Core i7-8550U @ 1.80GHz	8332	374	NA	NA
Intel Core i7-8650U @ 1.90GHz	9017	324	NA	NA
Intel Core i7-8700 @ 3.20GHz	15261	94	50.54	\$301.99*
Intel Core i7-8700K @ 3.70GHz	16006	81	45.86	\$348.99
Intel Core i7-8700T @ 2.40GHz	12672	151	34.59	\$366.32
Intel Core i7-8705G @ 3.10GHz	10363	217	NA	NA
Intel Core i7-8750H @ 2.20GHz	12510	155	31.67	\$395.00*
Intel Core i7-8809G @ 3.10GHz	11057	188	NA	NA
Intel Core i7-8850H @ 2.60GHz	13934	125	35.28	\$395.00*
Intel Core i9-7900X @ 3.30GHz	22004	17	25.32	\$869.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-7920X @ 2.90GHz	23329	12	22.18	\$1,051.88
Intel Core i9-7940X @ 3.10GHz	25108	8	21.83	\$1,149.99
Intel Core i9-7960X @ 2.80GHz	25491	4	18.21	\$1,399.99
Intel Core i9-7980XE @ 2.60GHz	27721	3	14.75	\$1,879.99
Intel Core i9-8950HK @ 2.90GHz	14855	104	25.48	\$583.00*
Intel Core m3-6Y30 @ 0.90GHz	3051	1147	NA	NA
Intel Core m3-7Y30 @ 1.00GHz	3559	1009	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3527	1015	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3361	1059	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3221	1094	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3507	1020	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2737	1258	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2250	1429	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2822	1223	10.04	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2652	1277	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core M-5Y51 @ 1.10GHz	2486	1335	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3016	1160	NA	NA
Intel Core M-5Y71 @ 1.20GHz	3070	1141	10.93	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	395	2427	NA	NA
Intel Core Solo T1350 @ 1.86GHz	396	2424	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2342	NA	NA
Intel Core Solo U1300 @ 1.06GHz	276	2581	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2579	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2499	NA	NA
Intel E3000 @ 3.40GHz	2767	1246	NA	NA
Intel Pentium 4 1.40GHz	164	2686	NA	NA
Intel Pentium 4 1.50GHz	131	2703	NA	NA
Intel Pentium 4 1.60GHz	129	2705	NA	NA
Intel Pentium 4 1.70GHz	132	2702	NA	NA
Intel Pentium 4 1.80GHz	161	2689	NA	NA
Intel Pentium 4 1.90GHz	159	2690	NA	NA
Intel Pentium 4 2.00GHz	189	2668	NA	NA
Intel Pentium 4 2.20GHz	210	2650	NA	NA
Intel Pentium 4 2.26GHz	221	2640	NA	NA
Intel Pentium 4 2.40GHz	228	2633	NA	NA
Intel Pentium 4 2.50GHz	245	2618	NA	NA
Intel Pentium 4 2.53GHz	248	2615	NA	NA
Intel Pentium 4 2.60GHz	288	2558	NA	NA
Intel Pentium 4 2.66GHz	254	2605	NA	NA
Intel Pentium 4 2.80GHz	321	2505	NA	NA
Intel Pentium 4 2.93GHz	297	2543	NA	NA
Intel Pentium 4 3.00GHz	353	2477	NA	NA
Intel Pentium 4 3.06GHz	347	2481	NA	NA
Intel Pentium 4 3.20GHz	375	2446	NA	NA
Intel Pentium 4 3.40GHz	396	2426	NA	NA
Intel Pentium 4 3.46GHz	487	2322	NA	NA
Intel Pentium 4 3.60GHz	490	2320	NA	NA
Intel Pentium 4 3.73GHz	486	2325	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 3.80GHz	484	2331	NA	NA
Intel Pentium 4 3.83GHz	195	2663	NA	NA
Intel Pentium 4 4.00GHz	184	2674	NA	NA
Intel Pentium 4 1300MHz	119	2709	NA	NA
Intel Pentium 4 1400MHz	127	2706	NA	NA
Intel Pentium 4 1500MHz	125	2707	NA	NA
Intel Pentium 4 1600MHz	193	2667	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2693	NA	NA
Intel Pentium 4 1800MHz	162	2688	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2696	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2662	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2679	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2652	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2682	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2651	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2657	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 5 2.66GHz	705	2204	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	1982	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1153	1952	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	1955	NA	NA
Intel Pentium 987 @ 1.50GHz	1226	1912	NA	NA
Intel Pentium 997 @ 1.60GHz	1426	1802	NA	NA
Intel Pentium 1403 @ 2.60GHz	2747	1255	NA	NA
Intel Pentium 2020M @ 2.40GHz	2286	1408	17.06	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2414	1360	18.02	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1661	1692	12.40	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1823	1608	13.61	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1057	2006	7.89	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2304	1395	NA	NA
Intel Pentium 3556U @ 1.70GHz	1713	1657	NA	NA
Intel Pentium 3558U @ 1.70GHz	1686	1677	NA	NA
Intel Pentium 3560M @ 2.40GHz	2275	1416	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1892	NA	NA
Intel Pentium 3805U @ 1.90GHz	1983	1530	NA	NA
Intel Pentium 3825U @ 1.90GHz	2534	1318	NA	NA
Intel Pentium 4405U @ 2.10GHz	2949	1181	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1499	NA	NA
Intel Pentium 4410Y @ 1.50GHz	2056	1500	12.78	\$161.00*
Intel Pentium 4415U @ 2.30GHz	3174	1108	NA	NA
Intel Pentium A1018 @ 2.10GHz	1605	1721	NA	NA
Intel Pentium B940 @ 2.00GHz	1724	1652	57.60	\$29.94*
Intel Pentium B950 @ 2.10GHz	1717	1654	NA	NA
Intel Pentium B960 @ 2.20GHz	1852	1592	37.82	\$48.99*
Intel Pentium B970 @ 2.30GHz	1959	1537	38.42	\$50.99*
Intel Pentium B980 @ 2.40GHz	2045	1504	29.25	\$69.95*
Intel Pentium D1508 @ 2.20GHz	3843	935	29.79	\$129.00*
Intel Pentium D 805 @ 2.66GHz	536	2287	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2232	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium D 915 @ 2.80GHz	582	2262	NA	NA
Intel Pentium D 940 @ 3.20GHz	709	2201	NA	NA
Intel Pentium D 950 @ 3.40GHz	743	2184	NA	NA
Intel Pentium D 960 @ 3.60GHz	814	2155	NA	NA
Intel Pentium E2140 @ 1.60GHz	868	2122	5.50	\$157.95
Intel Pentium E2160 @ 1.80GHz	997	2044	28.49	\$35.00
Intel Pentium E2180 @ 2.00GHz	1087	1989	36.26	\$29.99
Intel Pentium E2200 @ 2.20GHz	1204	1925	8.76	\$137.50
Intel Pentium E2210 @ 2.20GHz	1174	1937	NA	NA
Intel Pentium E2220 @ 2.40GHz	1331	1849	8.43	\$157.95
Intel Pentium E5200 @ 2.50GHz	1488	1775	9.42	\$157.95
Intel Pentium E5300 @ 2.60GHz	1540	1749	77.20	\$19.95
Intel Pentium E5400 @ 2.70GHz	1596	1728	10.11	\$157.95
Intel Pentium E5500 @ 2.80GHz	1639	1701	10.38	\$157.95
Intel Pentium E5700 @ 3.00GHz	1741	1644	124.45	\$13.99
Intel Pentium E5800 @ 3.20GHz	1900	1569	19.00	\$99.99
Intel Pentium E6300 @ 2.80GHz	1705	1663	3.02	\$565.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E6500 @ 2.93GHz	1761	1633	7.83	\$225.00
Intel Pentium E6600 @ 3.06GHz	1877	1582	126.03	\$14.90*
Intel Pentium E6700 @ 3.20GHz	1943	1547	37.45	\$51.90
Intel Pentium E6800 @ 3.33GHz	2002	1522	2.41	\$831.38*
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2108	1.20	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2063	NA	NA
Intel Pentium G620 @ 2.60GHz	2295	1403	91.85	\$24.99
Intel Pentium G620T @ 2.20GHz	2028	1508	25.36	\$79.99*
Intel Pentium G630 @ 2.70GHz	2375	1374	95.05	\$24.99
Intel Pentium G630T @ 2.30GHz	2122	1474	26.54	\$79.99*
Intel Pentium G640 @ 2.80GHz	2530	1319	101.27	\$24.99
Intel Pentium G640T @ 2.40GHz	1911	1561	NA	NA
Intel Pentium G645 @ 2.90GHz	2584	1301	27.20	\$95.00*
Intel Pentium G645T @ 2.50GHz	2286	1405	NA	NA
Intel Pentium G840 @ 2.80GHz	2573	1306	73.55	\$34.99
Intel Pentium G850 @ 2.90GHz	2663	1275	88.83	\$29.99
Intel Pentium G860 @ 3.00GHz	2750	1253	91.71	\$29.99
Intel Pentium G870 @ 3.10GHz	2827	1220	29.15	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2613	1290	72.61	\$35.99
Intel Pentium G2020 @ 2.90GHz	2769	1244	46.19	\$59.95*
Intel Pentium G2020T @ 2.50GHz	2470	1342	51.90	\$47.60*
Intel Pentium G2030 @ 3.00GHz	2880	1210	70.28	\$40.99
Intel Pentium G2030T @ 2.60GHz	2490	1333	38.91	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1233	NA	NA
Intel Pentium G2120 @ 3.10GHz	3081	1137	51.38	\$59.99
Intel Pentium G2130 @ 3.20GHz	3212	1099	64.26	\$49.99
Intel Pentium G2140 @ 3.30GHz	3384	1052	67.71	\$49.99
Intel Pentium G3220 @ 3.00GHz	3136	1124	30.57	\$102.60*
Intel Pentium G3220T @ 2.60GHz	2602	1294	65.08	\$39.99*
Intel Pentium G3240 @ 3.10GHz	3171	1110	44.74	\$70.88*
Intel Pentium G3240T @ 2.70GHz	2932	1189	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3250 @ 3.20GHz	3257	1085	34.31	\$94.95*
Intel Pentium G3250T @ 2.80GHz	2967	1174	64.53	\$45.99*
Intel Pentium G3258 @ 3.20GHz	3898	926	21.87	\$178.28
Intel Pentium G3260 @ 3.30GHz	3378	1053	32.18	\$104.99
Intel Pentium G3260T @ 2.90GHz	2914	1193	29.15	\$99.99*
Intel Pentium G3320TE @ 2.30GHz	2389	1369	NA	NA
Intel Pentium G3420 @ 3.20GHz	3408	1044	30.99	\$109.99*
Intel Pentium G3420T @ 2.70GHz	3008	1162	28.58	\$105.25*
Intel Pentium G3430 @ 3.30GHz	3467	1031	29.85	\$116.15*
Intel Pentium G3440 @ 3.30GHz	3304	1072	20.66	\$159.94*
Intel Pentium G3440T @ 2.80GHz	3101	1132	NA	NA
Intel Pentium G3450 @ 3.40GHz	3704	975	10.93	\$339.00
Intel Pentium G3450T @ 2.90GHz	2967	1176	NA	NA
Intel Pentium G3460 @ 3.50GHz	3593	998	12.47	\$288.20*
Intel Pentium G3470 @ 3.60GHz	3706	974	35.54	\$104.29*
Intel Pentium G4400 @ 3.30GHz	3569	1006	71.46	\$49.95
Intel Pentium G4400T @ 2.90GHz	3220	1096	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1208	45.09	\$64.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G4500 @ 3.50GHz	3792	950	57.83	\$65.58
Intel Pentium G4500T @ 3.00GHz	3471	1028	NA	NA
Intel Pentium G4520 @ 3.60GHz	4195	868	46.62	\$89.98
Intel Pentium G4560 @ 3.50GHz	4885	735	72.73	\$67.17*
Intel Pentium G4560T @ 2.90GHz	4047	892	16.19	\$249.99
Intel Pentium G4600 @ 3.60GHz	5110	693	56.79	\$89.99
Intel Pentium G4600T @ 3.00GHz	4238	861	32.60	\$129.99
Intel Pentium G4620 @ 3.70GHz	5220	681	48.06	\$108.62*
Intel Pentium G6950 @ 2.80GHz	1856	1590	46.44	\$39.99
Intel Pentium G6951 @ 2.80GHz	2140	1466	22.77	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2101	1484	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5295	673	66.20	\$79.99
Intel Pentium Gold G5500 @ 3.80GHz	5262	676	64.18	\$82.00*
Intel Pentium Gold G5500T @ 3.20GHz	4577	797	61.03	\$75.00*
Intel Pentium Gold G5600 @ 3.90GHz	5726	610	61.58	\$93.00*
Intel Pentium III 933S @ 933MHz	238	2626	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2566	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2578	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2522	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2544	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2541	NA	NA
Intel Pentium III Mobile 750MHz	103	2712	NA	NA
Intel Pentium III Mobile 800MHz	182	2677	NA	NA
Intel Pentium III Mobile 866MHz	152	2694	NA	NA
Intel Pentium III Mobile 933MHz	218	2642	8.58	\$25.51
Intel Pentium III Mobile 1000MHz	245	2617	NA	NA
Intel Pentium III Mobile 1066MHz	268	2590	NA	NA
Intel Pentium III Mobile 1133MHz	251	2611	NA	NA
Intel Pentium III Mobile 1200MHz	262	2597	NA	NA
Intel Pentium J2850 @ 2.41GHz	1839	1600	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium J2900 @ 2.41GHz	1972	1533	NA	NA
Intel Pentium J3710 @ 1.60GHz	1950	1542	NA	NA
Intel Pentium J4205 @ 1.50GHz	2300	1399	NA	NA
Intel Pentium M 1.10GHz	282	2570	NA	NA
Intel Pentium M 1.20GHz	298	2542	NA	NA
Intel Pentium M 1.30GHz	301	2536	NA	NA
Intel Pentium M 1.40GHz	345	2485	NA	NA
Intel Pentium M 1.50GHz	366	2460	NA	NA
Intel Pentium M 1.60GHz	363	2465	NA	NA
Intel Pentium M 1.70GHz	405	2410	NA	NA
Intel Pentium M 1.73GHz	413	2399	NA	NA
Intel Pentium M 1.80GHz	409	2407	NA	NA
Intel Pentium M 1.86GHz	438	2378	NA	NA
Intel Pentium M 2.00GHz	464	2346	NA	NA
Intel Pentium M 2.10GHz	448	2364	NA	NA
Intel Pentium M 2.13GHz	510	2306	NA	NA
Intel Pentium M 2.26GHz	509	2308	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2333	NA	NA
Intel Pentium M 900MHz	217	2645	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1000MHz	233	2630	NA	NA
Intel Pentium M 1100MHz	259	2601	NA	NA
Intel Pentium M 1200MHz	237	2627	NA	NA
Intel Pentium M 1300MHz	303	2529	NA	NA
Intel Pentium M 1400MHz	321	2506	NA	NA
Intel Pentium M 1500MHz	354	2474	NA	NA
Intel Pentium M 1600MHz	332	2497	NA	NA
Intel Pentium M 1700MHz	376	2445	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1760	NA	NA
Intel Pentium N3520 @ 2.16GHz	1799	1620	NA	NA
Intel Pentium N3530 @ 2.16GHz	1896	1571	NA	NA
Intel Pentium N3540 @ 2.16GHz	1937	1551	7.72	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1839	1599	4.14	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1872	1586	NA	NA
Intel Pentium N4200 @ 1.10GHz	2023	1511	10.30	\$196.45
Intel Pentium P6000 @ 1.87GHz	1250	1900	NA	NA
Intel Pentium P6100 @ 2.00GHz	1325	1851	110.48	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1349	1840	30.01	\$44.95*
Intel Pentium P6300 @ 2.27GHz	1380	1820	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2987	1170	15.22	\$196.28
Intel Pentium SU2700 @ 1.30GHz	407	2409	NA	NA
Intel Pentium SU4100 @ 1.30GHz	863	2126	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2138	NA	NA
Intel Pentium T2060 @ 1.60GHz	662	2221	NA	NA
Intel Pentium T2080 @ 1.73GHz	706	2203	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2200	NA	NA
Intel Pentium T2310 @ 1.46GHz	730	2189	NA	NA
Intel Pentium T2330 @ 1.60GHz	838	2143	NA	NA
Intel Pentium T2370 @ 1.73GHz	844	2137	24.12	\$35.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2390 @ 1.86GHz	941	2084	NA	NA
Intel Pentium T2410 @ 2.00GHz	996	2045	NA	NA
Intel Pentium T3200 @ 2.00GHz	1030	2017	85.86	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1115	1967	12.41	\$89.95*
Intel Pentium T4200 @ 2.00GHz	1147	1957	95.62	\$12.00*
Intel Pentium T4300 @ 2.10GHz	1239	1907	NA	NA
Intel Pentium T4400 @ 2.20GHz	1281	1881	NA	NA
Intel Pentium T4500 @ 2.30GHz	1336	1847	NA	NA
Intel Pentium U5400 @ 1.20GHz	822	2149	NA	NA
Intel Pentium U5600 @ 1.33GHz	943	2082	NA	NA
Intel T1200 @ 1.50GHz	435	2384	NA	NA
Intel T1400 @ 1.73GHz	929	2092	NA	NA
Intel T1500 @ 1.86GHz	940	2087	NA	NA
Intel T2050 @ 2.00GHz	959	2073	NA	NA
Intel Xeon 2.00GHz	233	2629	NA	NA
Intel XEON 2.20GHz	252	2608	NA	NA
Intel Xeon 2.40GHz	276	2582	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2383	NA	NA
Intel Xeon 2.80GHz	400	2421	NA	NA
Intel Xeon 3.00GHz	391	2433	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3.06GHz	491	2317	NA	NA
Intel Xeon 3.20GHz	461	2352	NA	NA
Intel Xeon 3.40GHz	478	2336	NA	NA
Intel Xeon 3.60GHz	509	2307	0.60	\$851.00*
Intel Xeon 3.73GHz	1041	2014	NA	NA
Intel Xeon 3.80GHz	604	2251	0.71	\$851.00*
Intel Xeon 1500MHz	193	2666	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1879	51.31	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1311	1858	8.30	\$157.95*
Intel Xeon 3060 @ 2.40GHz	1518	1761	9.62	\$157.95*
Intel Xeon 3065 @ 2.33GHz	1504	1770	71.99	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1776	1627	4.34	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1598	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1570	1740	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	1998	6.75	\$159.95*
Intel Xeon 5120 @ 1.86GHz	1248	1903	0.76	\$1,644.98*
Intel Xeon 5130 @ 2.00GHz	1378	1822	35.89	\$38.40*
Intel Xeon 5133 @ 2.20GHz	1598	1725	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1703	34.89	\$46.99*
Intel Xeon 5148 @ 2.33GHz	1590	1730	39.78	\$39.99*
Intel Xeon 5150 @ 2.66GHz	1747	1640	3.83	\$455.95
Intel Xeon 5160 @ 3.00GHz	1968	1535	134.86	\$14.60*
Intel Xeon @ 2.20GHz	1902	1568	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5446	650	23.05	\$236.34
Intel Xeon D-1518 @ 2.20GHz	5322	668	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	605	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	489	NA	NA
Intel Xeon D-1528 @ 1.90GHz	7946	407	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1531 @ 2.20GHz	9730	268	27.96	\$348.00*
Intel Xeon D-1537 @ 1.70GHz	7731	426	13.54	\$571.00*
Intel Xeon D-1540 @ 2.00GHz	10573	208	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11056	189	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	394	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14693	105	NA	NA
Intel Xeon D-1587 @ 1.70GHz	13950	124	NA	NA
Intel Xeon D-2183IT @ 2.20GHz	18252	48	10.35	\$1,764.00*
Intel Xeon E3-1220 @ 3.10GHz	6072	573	13.96	\$435.00
Intel Xeon E3-1220 V2 @ 3.10GHz	6689	514	20.33	\$329.10
Intel Xeon E3-1220 v3 @ 3.10GHz	7074	482	29.77	\$237.65
Intel Xeon E3-1220 v5 @ 3.00GHz	7736	425	31.55	\$245.24
Intel Xeon E3-1220 v6 @ 3.00GHz	8035	400	38.27	\$209.99
Intel Xeon E3-1220L @ 2.20GHz	3563	1007	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	821	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1481	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5918	586	33.82	\$175.00*
Intel Xeon E3-1225 V2 @ 3.20GHz	6843	499	13.51	\$506.59
Intel Xeon E3-1225 v3 @ 3.20GHz	7194	468	15.70	\$458.34
Intel Xeon E3-1225 v5 @ 3.30GHz	7793	417	31.17	\$249.99
Intel Xeon E3-1225 v6 @ 3.30GHz	8294	376	35.30	\$234.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1226 v3 @ 3.30GHz	7522	441	11.79	\$638.00
Intel Xeon E3-1230 @ 3.20GHz	7908	412	18.58	\$425.75
Intel Xeon E3-1230 V2 @ 3.30GHz	8856	339	25.15	\$352.09
Intel Xeon E3-1230 v3 @ 3.30GHz	9325	300	35.64	\$261.66*
Intel Xeon E3-1230 v5 @ 3.40GHz	9756	266	32.54	\$299.80*
Intel Xeon E3-1230 v6 @ 3.50GHz	9947	251	36.84	\$269.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	466	25.12	\$287.90
Intel Xeon E3-1231 v3 @ 3.40GHz	9634	275	33.34	\$289.00
Intel Xeon E3-1235 @ 3.20GHz	7680	430	31.48	\$244.00*
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	535	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7955	406	48.85	\$162.87
Intel Xeon E3-1240 V2 @ 3.40GHz	9153	311	20.36	\$449.56
Intel Xeon E3-1240 v3 @ 3.40GHz	9702	272	25.24	\$384.40*
Intel Xeon E3-1240 v5 @ 3.50GHz	10412	214	30.48	\$341.67*
Intel Xeon E3-1240 v6 @ 3.70GHz	10176	232	35.09	\$289.99
Intel Xeon E3-1240L v3 @ 2.00GHz	7510	443	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	416	28.03	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10034	244	12.95	\$775.00
Intel Xeon E3-1245 @ 3.30GHz	8048	398	30.95	\$260.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9117	315	15.01	\$607.59
Intel Xeon E3-1245 v3 @ 3.40GHz	9576	277	28.17	\$339.95
Intel Xeon E3-1245 v5 @ 3.50GHz	10246	225	29.67	\$345.31*
Intel Xeon E3-1245 v6 @ 3.70GHz	10415	213	34.77	\$299.53
Intel Xeon E3-1246 v3 @ 3.50GHz	9894	255	12.40	\$798.00
Intel Xeon E3-1260L @ 2.40GHz	6534	529	66.83	\$97.78
Intel Xeon E3-1260L v5 @ 2.90GHz	10136	235	17.17	\$590.28
Intel Xeon E3-1265L @ 2.40GHz	6038	576	6.58	\$918.35*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1265L V2 @ 2.50GHz	7785	419	54.67	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	8713	349	12.27	\$709.95
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	413	NA	NA
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	351	23.06	\$377.00*
Intel Xeon E3-1270 @ 3.40GHz	8240	380	22.33	\$369.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9482	284	33.01	\$287.21
Intel Xeon E3-1270 v3 @ 3.50GHz	9877	256	26.70	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10342	219	28.34	\$364.98
Intel Xeon E3-1270 v6 @ 3.80GHz	11115	183	31.76	\$349.99
Intel Xeon E3-1271 v3 @ 3.60GHz	10077	241	21.35	\$472.00*
Intel Xeon E3-1275 @ 3.40GHz	8348	372	27.46	\$304.00*
Intel Xeon E3-1275 V2 @ 3.50GHz	9339	298	37.36	\$249.99
Intel Xeon E3-1275 v3 @ 3.50GHz	9864	258	24.60	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10376	216	26.62	\$389.79
Intel Xeon E3-1275 v6 @ 3.80GHz	11047	190	30.44	\$362.99
Intel Xeon E3-1275L v3 @ 2.70GHz	8827	342	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10223	226	18.63	\$548.91*
Intel Xeon E3-1280 @ 3.50GHz	8473	366	8.31	\$1,019.44
Intel Xeon E3-1280 V2 @ 3.60GHz	9439	290	6.24	\$1,512.82
Intel Xeon E3-1280 v3 @ 3.60GHz	9720	270	13.94	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	205	16.28	\$655.28
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	178	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1281 v3 @ 3.70GHz	10295	222	11.73	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10256	224	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10641	206	NA	NA
Intel Xeon E3-1285 v6 @ 4.10GHz	11689	176	25.98	\$450.00*
Intel Xeon E3-1285L v3 @ 3.10GHz	10024	245	12.45	\$805.00
Intel Xeon E3-1285L v4 @ 3.40GHz	11224	181	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	254	11.80	\$839.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	10129	236	13.09	\$774.00*
Intel Xeon E3-1290 @ 3.60GHz	8699	350	9.83	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9749	267	11.02	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	480	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8902	334	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9972	250	NA	NA
Intel Xeon E3-1515M v5 @ 2.80GHz	10509	210	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9296	304	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10617	207	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10442	212	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10736	202	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10743	201	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10689	203	24.02	\$445.00*
Intel Xeon E5-1410 @ 2.80GHz	7312	459	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	450	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5538	634	33.57	\$164.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6173	561	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6420	546	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5865	591	266.71	\$21.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1607 v2 @ 3.00GHz	6190	558	19.78	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6935	492	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	464	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9069	319	17.78	\$510.00
Intel Xeon E5-1620 v2 @ 3.70GHz	9496	282	28.86	\$329.00
Intel Xeon E5-1620 v3 @ 3.50GHz	9764	265	27.22	\$358.70*
Intel Xeon E5-1620 v4 @ 3.50GHz	9979	249	33.27	\$299.99
Intel Xeon E5-1630 v3 @ 3.70GHz	10276	223	17.19	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10300	221	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11769	175	67.26	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12694	150	19.68	\$644.95*
Intel Xeon E5-1650 v3 @ 3.50GHz	13607	134	20.49	\$663.98
Intel Xeon E5-1650 v4 @ 3.60GHz	14235	116	22.60	\$629.99*
Intel Xeon E5-1660 @ 3.30GHz	12364	158	10.08	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13714	130	7.58	\$1,808.95*
Intel Xeon E5-1660 v3 @ 3.00GHz	14423	113	8.92	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16205	76	NA	NA
Intel Xeon E5-1680 v2 @ 3.00GHz	16420	72	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16633	67	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17089	61	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	49	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1016	7.87	\$447.59
Intel Xeon E5-2403 v2 @ 1.80GHz	3492	1022	15.67	\$222.84*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2407 @ 2.20GHz	3888	929	11.61	\$335.04
Intel Xeon E5-2407 v2 @ 2.40GHz	4575	798	9.61	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	682	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7139	473	19.05	\$374.80
Intel Xeon E5-2420 v2 @ 2.20GHz	8647	357	14.91	\$579.95
Intel Xeon E5-2430 @ 2.20GHz	6878	497	12.90	\$533.22
Intel Xeon E5-2430 v2 @ 2.50GHz	8833	341	16.09	\$548.99*
Intel Xeon E5-2430L @ 2.00GHz	7269	463	69.90	\$103.99*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	521	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9178	310	12.32	\$745.00*
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	291	23.56	\$400.00*
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	330	6.29	\$1,424.00*
Intel Xeon E5-2450 @ 2.10GHz	10186	230	14.10	\$722.22*
Intel Xeon E5-2450L @ 1.80GHz	8261	379	127.12	\$64.99
Intel Xeon E5-2470 @ 2.30GHz	10061	242	31.77	\$316.72*
Intel Xeon E5-2603 @ 1.80GHz	3580	1003	128.62	\$27.84
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	958	79.07	\$47.63
Intel Xeon E5-2603 v3 @ 1.60GHz	5165	686	23.66	\$218.32
Intel Xeon E5-2603 v4 @ 1.70GHz	5473	642	23.80	\$229.99*
Intel Xeon E5-2608L v3 @ 2.00GHz	7768	420	17.62	\$441.00*
Intel Xeon E5-2609 @ 2.40GHz	4625	784	58.55	\$79.00
Intel Xeon E5-2609 v2 @ 2.50GHz	5125	691	18.18	\$282.00
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	583	13.26	\$448.02
Intel Xeon E5-2609 v4 @ 1.70GHz	6920	496	15.95	\$434.00*
Intel Xeon E5-2618L v3 @ 2.30GHz	12508	156	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	107	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7935	409	78.01	\$101.73
Intel Xeon E5-2620 v2 @ 2.10GHz	8688	353	23.83	\$364.64
Intel Xeon E5-2620 v3 @ 2.40GHz	9980	248	14.05	\$710.54
Intel Xeon E5-2620 v4 @ 2.10GHz	11360	179	25.70	\$442.00
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	333	22.07	\$404.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8188	385	14.91	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	294	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	170	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13268	141	9.73	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	191	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8859	338	69.14	\$128.14
Intel Xeon E5-2630 v2 @ 2.60GHz	10402	215	65.43	\$159.00
Intel Xeon E5-2630 v3 @ 2.40GHz	12812	148	21.98	\$582.99
Intel Xeon E5-2630 v4 @ 2.20GHz	13896	126	20.14	\$690.00
Intel Xeon E5-2630L @ 2.00GHz	8001	404	NA	NA
Intel Xeon E5-2630L v2 @ 2.40GHz	9780	263	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9476	285	12.60	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	146	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9465	287	5.74	\$1,649.22
Intel Xeon E5-2637 v3 @ 3.50GHz	10128	238	7.82	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	211	9.83	\$1,064.63
Intel Xeon E5-2640 @ 2.50GHz	9500	281	49.31	\$192.66
Intel Xeon E5-2640 v2 @ 2.00GHz	9904	252	20.60	\$480.68
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2640 v3 @ 2.60GHz	14103	119	9.12	\$1,547.27
Intel Xeon E5-2640 v4 @ 2.40GHz	15331	93	15.38	\$997.10
Intel Xeon E5-2643 @ 3.30GHz	8479	365	16.05	\$528.40
Intel Xeon E5-2643 v2 @ 3.50GHz	12324	159	4.91	\$2,509.00
Intel Xeon E5-2643 v3 @ 3.40GHz	13801	128	7.42	\$1,860.00*
Intel Xeon E5-2643 v4 @ 3.40GHz	13600	135	8.42	\$1,615.00
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	177	8.42	\$1,352.94
Intel Xeon E5-2648L v4 @ 1.80GHz	13292	139	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14506	108	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10159	233	84.70	\$119.95
Intel Xeon E5-2650 v2 @ 2.60GHz	13101	143	39.16	\$334.58
Intel Xeon E5-2650 v3 @ 2.30GHz	14880	102	15.18	\$980.49
Intel Xeon E5-2650 v4 @ 2.20GHz	15838	84	12.58	\$1,258.99
Intel Xeon E5-2650L @ 1.80GHz	8676	355	109.83	\$79.00
Intel Xeon E5-2650L v3 @ 1.80GHz	13390	138	13.26	\$1,010.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	120	9.42	\$1,496.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	180	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	283	6.49	\$1,462.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	118	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	75	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	65	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11112	185	108.94	\$102.00
Intel Xeon E5-2660 v2 @ 2.20GHz	13286	140	43.51	\$305.34
Intel Xeon E5-2660 v3 @ 2.60GHz	16151	77	10.56	\$1,529.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2660 v4 @ 2.00GHz	17786	54	11.95	\$1,488.99
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	122	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11776	174	83.23	\$141.50*
Intel Xeon E5-2667 @ 2.90GHz	10327	220	45.70	\$226.00
Intel Xeon E5-2667 v2 @ 3.30GHz	16120	78	21.11	\$763.56
Intel Xeon E5-2667 v3 @ 3.20GHz	16119	79	7.13	\$2,259.95*
Intel Xeon E5-2667 v4 @ 3.20GHz	16374	73	7.56	\$2,164.91
Intel Xeon E5-2670 @ 2.60GHz	12209	164	50.00	\$244.20
Intel Xeon E5-2670 v2 @ 2.50GHz	15031	99	30.50	\$492.77
Intel Xeon E5-2670 v3 @ 2.30GHz	16619	68	11.46	\$1,450.00*
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	74	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16982	63	24.26	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21625	20	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15156	97	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17652	57	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	64	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25236	6	9.34	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12654	153	72.93	\$173.51
Intel Xeon E5-2680 v2 @ 2.80GHz	15789	85	45.24	\$349.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18629	42	9.27	\$2,008.95
Intel Xeon E5-2680 v4 @ 2.40GHz	19867	33	11.27	\$1,762.90*
Intel Xeon E5-2682 v4 @ 2.50GHz	15333	92	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17414	59	8.77	\$1,984.99*
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	40	10.03	\$1,899.99*
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	101	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	38	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14405	114	24.06	\$598.74
Intel Xeon E5-2687W v2 @ 3.40GHz	16478	70	4.44	\$3,713.55*
Intel Xeon E5-2687W v3 @ 3.10GHz	17718	55	5.89	\$3,009.95*
Intel Xeon E5-2687W v4 @ 3.00GHz	19942	32	8.64	\$2,307.31*
Intel Xeon E5-2689 @ 2.60GHz	13476	136	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19776	35	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13977	123	69.19	\$202.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16528	69	28.06	\$589.00
Intel Xeon E5-2690 v3 @ 2.60GHz	19240	39	7.32	\$2,628.42
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	25	9.07	\$2,350.88*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	80	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15847	83	4.41	\$3,593.22
Intel Xeon E5-2695 v3 @ 2.30GHz	20346	28	10.12	\$2,009.99
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	29	8.24	\$2,459.99
Intel Xeon E5-2696 v2 @ 2.50GHz	16681	66	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22548	13	9.03	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21331	24	7.09	\$3,009.95*
Intel Xeon E5-2697 v2 @ 2.70GHz	17449	58	7.81	\$2,235.02*
Intel Xeon E5-2697 v3 @ 2.60GHz	21488	23	8.07	\$2,661.90*
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	22	7.67	\$2,805.00
Intel Xeon E5-2697A v4 @ 2.60GHz	23590	10	NA	NA
Intel Xeon E5-2698 v3 @ 2.30GHz	21149	26	6.18	\$3,424.02*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	19	6.77	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22358	15	5.58	\$4,010.00
Intel Xeon E5-2699 v4 @ 2.20GHz	23392	11	2.92	\$8,010.00*
Intel Xeon E5-4603 @ 2.00GHz	5014	714	2.65	\$1,890.99*
Intel Xeon E5-4617 @ 2.90GHz	8684	354	96.60	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	391	2.31	\$3,519.97*
Intel Xeon E5-4627 v3 @ 2.60GHz	14219	117	5.92	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	87	NA	NA
Intel Xeon E5-4640 @ 2.40GHz	10523	209	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	149	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	187	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	12085	167	24.57	\$491.80*
Intel Xeon E5-4650L @ 2.60GHz	11821	172	1.36	\$8,684.50*
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	160	2.66	\$4,616.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15556	86	3.24	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	132	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1127	1.75	\$1,779.00*
Intel Xeon E3110 @ 3.00GHz	2165	1457	8.73	\$248.00*
Intel Xeon E3113 @ 3.00GHz	2427	1355	247.99	\$9.79*
Intel Xeon E3120 @ 3.16GHz	2241	1433	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1812	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1357	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1422	8.71	\$259.95*
Intel Xeon E5320 @ 1.86GHz	2279	1414	14.43	\$157.95*
Intel Xeon E5335 @ 2.00GHz	2513	1325	141.45	\$17.77*
Intel Xeon E5345 @ 2.33GHz	2923	1192	70.83	\$41.28*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5405 @ 2.00GHz	2864	1212	154.65	\$18.52*
Intel Xeon E5410 @ 2.33GHz	3265	1079	15.78	\$207.01*
Intel Xeon E5420 @ 2.50GHz	3508	1019	13.50	\$259.95*
Intel Xeon E5430 @ 2.66GHz	3776	956	78.52	\$48.10*
Intel Xeon E5440 @ 2.83GHz	3984	908	187.57	\$21.24*
Intel Xeon E5450 @ 3.00GHz	4210	865	114.04	\$36.92*
Intel Xeon E5462 @ 2.80GHz	3898	927	142.79	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4145	879	75.65	\$54.80*
Intel Xeon E5502 @ 1.87GHz	1378	1821	14.51	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1814	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2705	1264	97.67	\$27.70*
Intel Xeon E5506 @ 2.13GHz	2977	1173	19.86	\$149.95*
Intel Xeon E5507 @ 2.27GHz	3137	1123	6.87	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4447	815	273.85	\$16.24
Intel Xeon E5530 @ 2.40GHz	4605	789	178.52	\$25.80
Intel Xeon E5540 @ 2.53GHz	4758	759	173.55	\$27.42*
Intel Xeon E5603 @ 1.60GHz	2366	1379	18.34	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3045	1152	11.16	\$272.82*
Intel Xeon E5607 @ 2.27GHz	3398	1050	10.96	\$310.00*
Intel Xeon E5620 @ 2.40GHz	4860	738	304.52	\$15.96
Intel Xeon E5630 @ 2.53GHz	5109	694	67.44	\$75.76*
Intel Xeon E5640 @ 2.67GHz	5263	675	29.25	\$179.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5645 @ 2.40GHz	6509	532	82.40	\$79.00
Intel Xeon E5649 @ 2.53GHz	6936	491	63.18	\$109.79*
Intel Xeon E7320 @ 2.13GHz	2413	1361	NA	NA
Intel Xeon E-2176M @ 2.70GHz	14498	109	32.22	\$450.00*
Intel Xeon E-2186M @ 2.90GHz	15495	88	24.87	\$623.00*
Intel Xeon Gold 5120 @ 2.20GHz	15110	98	9.68	\$1,561.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	50	10.51	\$1,727.00*
Intel Xeon Gold 5122 @ 3.60GHz	11104	186	8.57	\$1,294.99*
Intel Xeon Gold 6126 @ 2.60GHz	19711	36	11.10	\$1,776.00*
Intel Xeon Gold 6128 @ 3.40GHz	15022	100	8.85	\$1,697.00*
Intel Xeon Gold 6130 @ 2.10GHz	20222	30	10.46	\$1,932.90*
Intel Xeon Gold 6134 @ 3.20GHz	18083	52	7.25	\$2,493.54
Intel Xeon Gold 6136 @ 3.00GHz	21016	27	7.90	\$2,660.00*
Intel Xeon Gold 6138 @ 2.00GHz	25416	5	9.47	\$2,684.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	9	9.10	\$2,634.77*
Intel Xeon Gold 6144 @ 3.50GHz	19654	37	6.72	\$2,925.00*
Intel Xeon Gold 6146 @ 3.20GHz	25142	7	6.64	\$3,787.27
Intel Xeon Gold 6154 @ 3.00GHz	27789	2	7.84	\$3,543.00*
Intel Xeon L3110 @ 3.00GHz	2273	1419	NA	NA
Intel Xeon L3360 @ 2.83GHz	3820	942	42.81	\$89.23*
Intel Xeon L3406 @ 2.27GHz	1338	1844	4.83	\$277.01*
Intel Xeon L3426 @ 1.87GHz	3837	936	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1609	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1420	72.33	\$31.40*
Intel Xeon L5310 @ 1.60GHz	2274	1418	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1468	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1251	72.15	\$38.20*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5408 @ 2.13GHz	3019	1157	NA	NA
Intel Xeon L5410 @ 2.33GHz	3396	1051	33.93	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3503	1021	22.18	\$157.95*
Intel Xeon L5430 @ 2.66GHz	3777	955	23.92	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	971	16.59	\$224.00*
Intel Xeon L5520 @ 2.27GHz	4387	829	164.31	\$26.70*
Intel Xeon L5530 @ 2.40GHz	4351	839	311.73	\$13.96*
Intel Xeon L5630 @ 2.13GHz	4369	834	274.78	\$15.90*
Intel Xeon L5638 @ 2.00GHz	5556	631	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	6835	501	NA	NA
Intel Xeon L5640 @ 2.27GHz	6442	538	185.41	\$34.75*
Intel Xeon L7455 @ 2.13GHz	3836	937	NA	NA
Intel Xeon MV 3.20GHz	683	2215	NA	NA
Intel Xeon Platinum 8173M @ 2.00GHz	28860	1	NA	NA
Intel Xeon Silver 4109T @ 2.00GHz	10854	196	21.67	\$501.00*
Intel Xeon Silver 4110 @ 2.10GHz	11869	171	21.98	\$540.08*
Intel Xeon Silver 4112 @ 2.60GHz	8548	361	16.15	\$529.21*
Intel Xeon Silver 4114 @ 2.20GHz	14480	111	19.44	\$744.73*
Intel Xeon Silver 4116 @ 2.10GHz	15257	95	13.61	\$1,121.16*
Intel Xeon W3503 @ 2.40GHz	1758	1635	27.06	\$64.99*
Intel Xeon W3505 @ 2.53GHz	1858	1589	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W3520 @ 2.67GHz	5059	706	12.34	\$409.95*
Intel Xeon W3530 @ 2.80GHz	5361	662	18.24	\$293.95*
Intel Xeon W3540 @ 2.93GHz	5474	641	15.21	\$359.95*
Intel Xeon W3550 @ 3.07GHz	5706	613	103.77	\$54.99
Intel Xeon W3565 @ 3.20GHz	5945	582	97.48	\$60.99*
Intel Xeon W3570 @ 3.20GHz	6098	569	12.71	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6433	543	29.99	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8152	388	14.43	\$565.00*
Intel Xeon W3680 @ 3.33GHz	9104	317	19.80	\$459.95*
Intel Xeon W3690 @ 3.47GHz	9207	309	4.07	\$2,260.61*
Intel Xeon W5580 @ 3.20GHz	5836	596	56.19	\$103.88*
Intel Xeon W5590 @ 3.33GHz	6183	560	4.02	\$1,540.10*
Intel Xeon W-2102 @ 2.90GHz	7007	486	20.73	\$337.99*
Intel Xeon W-2123 @ 3.60GHz	10834	198	33.33	\$325.03*
Intel Xeon W-2125 @ 4.00GHz	12401	157	27.93	\$444.00*
Intel Xeon W-2133 @ 3.60GHz	14030	121	22.74	\$617.00*
Intel Xeon W-2135 @ 3.70GHz	16437	71	17.62	\$932.79*
Intel Xeon W-2140B @ 3.20GHz	18340	47	NA	NA
Intel Xeon W-2145 @ 3.70GHz	19819	34	15.31	\$1,294.94*
Intel Xeon W-2150B @ 3.00GHz	21625	21	NA	NA
Intel Xeon W-2155 @ 3.30GHz	22496	14	14.70	\$1,530.39*
Intel Xeon W-2195 @ 2.30GHz	21914	18	8.04	\$2,725.06*
Intel Xeon X3210 @ 2.13GHz	2768	1245	18.58	\$149.00*
Intel Xeon X3220 @ 2.40GHz	3089	1134	12.06	\$256.07*
Intel Xeon X3230 @ 2.66GHz	3431	1038	9.53	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3335	1065	14.53	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3165	1113	44.59	\$70.99*
Intel Xeon X3330 @ 2.66GHz	3376	1055	16.08	\$210.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3350 @ 2.66GHz	3880	931	64.68	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3881	930	52.81	\$73.50*
Intel Xeon X3360 @ 2.83GHz	3970	913	25.14	\$157.95*
Intel Xeon X3363 @ 2.83GHz	4030	897	25.52	\$157.95*
Intel Xeon X3370 @ 3.00GHz	4289	850	11.69	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4697	768	NA	NA
Intel Xeon X3430 @ 2.40GHz	3371	1057	16.86	\$200.00*
Intel Xeon X3440 @ 2.53GHz	4558	800	20.26	\$225.00*
Intel Xeon X3450 @ 2.67GHz	4850	742	37.31	\$130.00*
Intel Xeon X3460 @ 2.80GHz	5117	692	14.33	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5187	684	10.17	\$509.95*
Intel Xeon X3480 @ 3.07GHz	5657	618	NA	NA
Intel Xeon X5260 @ 3.33GHz	2453	1347	17.62	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2535	1316	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1368	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3250	1087	10.49	\$309.95*
Intel Xeon X5365 @ 3.00GHz	3491	1023	35.09	\$99.50*
Intel Xeon X5450 @ 3.00GHz	4133	881	108.79	\$38.00
Intel Xeon X5460 @ 3.16GHz	4349	840	72.49	\$60.00*
Intel Xeon X5470 @ 3.33GHz	4612	786	15.70	\$293.87*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5472 @ 3.00GHz	4023	898	17.88	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4569	799	45.70	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4829	747	3.47	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5404	656	312.95	\$17.27*
Intel Xeon X5560 @ 2.80GHz	5399	657	94.89	\$56.90*
Intel Xeon X5570 @ 2.93GHz	5679	616	126.24	\$44.99
Intel Xeon X5647 @ 2.93GHz	5980	578	29.94	\$199.75*
Intel Xeon X5650 @ 2.67GHz	7431	449	193.59	\$38.39
Intel Xeon X5660 @ 2.80GHz	7640	433	55.78	\$136.98
Intel Xeon X5667 @ 3.07GHz	4722	763	67.47	\$70.00*
Intel Xeon X5670 @ 2.93GHz	7946	408	108.92	\$72.95
Intel Xeon X5672 @ 3.20GHz	6438	541	55.93	\$115.12*
Intel Xeon X5675 @ 3.07GHz	8484	364	35.50	\$239.00
Intel Xeon X5677 @ 3.47GHz	6931	494	19.80	\$350.00*
Intel Xeon X5679 @ 3.20GHz	8845	340	NA	NA
Intel Xeon X5680 @ 3.33GHz	8605	359	66.22	\$129.95
Intel Xeon X5687 @ 3.60GHz	7094	477	97.34	\$72.89
Intel Xeon X5690 @ 3.47GHz	8977	328	56.28	\$159.51
Intel Xeon X5698 @ 4.40GHz	4272	851	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1171	NA	NA
Mobile AMD Athlon 4	314	2515	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2470	NA	NA
Mobile AMD Athlon 64 2700+	398	2423	NA	NA
Mobile AMD Athlon 64 2800+	440	2373	NA	NA
Mobile AMD Athlon 64 3000+	450	2363	NA	NA
Mobile AMD Athlon 64 3200+	448	2365	NA	NA
Mobile AMD Athlon 64 3400+	511	2304	NA	NA
Mobile AMD Athlon 64 3700+	435	2385	NA	NA
Mobile AMD Athlon 64 4000+	576	2264	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon 1400+	266	2593	NA	NA
Mobile AMD Athlon 2500+	370	2454	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2594	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2442	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2547	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2315	NA	NA
Mobile AMD Athlon XP	572	2270	47.72	\$11.99*
Mobile AMD Athlon XP-M	512	2303	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2675	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2598	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2602	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2503	NA	NA
Mobile AMD Athlon XP-M 1800+	312	2519	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2489	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2537	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2464	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2484	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2482	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2453	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M 2800+	365	2462	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2461	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2375	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2323	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2309	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2554	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2546	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2494	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2451	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2340	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2310	NA	NA
Mobile AMD Sempron 2100+	252	2609	NA	NA
Mobile AMD Sempron 2600+	394	2429	NA	NA
Mobile AMD Sempron 2800+	358	2471	NA	NA
Mobile AMD Sempron 3000+	389	2436	NA	NA
Mobile AMD Sempron 3100+	416	2397	NA	NA
Mobile AMD Sempron 3200+	354	2475	NA	NA
Mobile AMD Sempron 3300+	445	2369	NA	NA
Mobile AMD Sempron 3400+	447	2366	NA	NA
Mobile AMD Sempron 3500+	410	2403	NA	NA
Mobile AMD Sempron 3600+	431	2389	NA	NA
Mobile AMD Sempron 3800+	485	2328	NA	NA
Mobile Intel Celeron 1.20GHz	170	2685	NA	NA
Mobile Intel Celeron 1.50GHz	188	2669	NA	NA
Mobile Intel Celeron 1.60GHz	188	2670	NA	NA
Mobile Intel Celeron 1.70GHz	181	2678	NA	NA
Mobile Intel Celeron 1.80GHz	186	2672	NA	NA
Mobile Intel Celeron 2.00GHz	204	2655	NA	NA
Mobile Intel Celeron 2.20GHz	226	2636	NA	NA
Mobile Intel Celeron 2.40GHz	239	2624	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Celeron 2.50GHz	281	2573	NA	NA
Mobile Intel Celeron 1200MHz	294	2548	NA	NA
Mobile Intel Celeron 1333MHz	309	2523	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2580	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2596	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2577	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2513	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2492	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2472	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2376	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2337	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2664	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2684	0.96	\$180.00
Mobile Intel Pentium 4 - M 1.80GHz	175	2681	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2631	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2659	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2661	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2647	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 - M 2.50GHz	256	2604	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2516	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2649	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2660	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2613	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2552	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2637	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2553	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1330	NA	NA
Quad-Core AMD Opteron 1385	3442	1037	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3418	1040	NA	NA
Six-Core AMD Opteron 2419 EE	2925	1191	NA	NA
VIA C3 Ezra	100	2713	NA	NA
VIA C7 1500MHz	284	2568	NA	NA
VIA C7-D 1500MHz	287	2560	NA	NA
VIA C7-D 1800MHz	203	2656	NA	NA
VIA C7-D 2000MHz	368	2457	NA	NA
VIA C7-M 1000MHz	164	2687	NA	NA
VIA C7-M 1200MHz	140	2700	NA	NA
VIA C7-M 1600MHz	178	2680	NA	NA
VIA C7-M 6300MHz	222	2639	NA	NA
VIA Eden 800MHz	155	2691	NA	NA
VIA Eden 1000MHz	123	2708	NA	NA
VIA Eden 1200MHz	142	2699	NA	NA
VIA Eden C1050@1.06GHz	352	2478	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2335	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	1958	NA	NA
VIA Esther 1000MHz	146	2698	NA	NA
VIA Esther 1300MHz	250	2612	NA	NA
VIA Esther 1500MHz	219	2641	NA	NA
VIA Esther 2000MHz	394	2428	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano L1900@1400MHz	457	2355	NA	NA
VIA Nano L2007@1600MHz	369	2455	NA	NA
VIA Nano L2100@1800MHz	428	2391	NA	NA
VIA Nano L2207@1600MHz	296	2545	NA	NA
VIA Nano L3025@1600MHz	517	2299	NA	NA
VIA Nano L3050@1800MHz	581	2263	NA	NA
VIA Nano L3600@2000MHz	645	2229	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2444	NA	NA
VIA Nano U2250@1300+MHz	274	2585	NA	NA
VIA Nano U2500@1200MHz	306	2527	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2312	NA	NA
VIA Nano U3300@1200MHz	409	2406	NA	NA
VIA Nano U3500@1000MHz	275	2583	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2249	NA	NA
VIA Nehemiah	155	2692	NA	NA
VIA QuadCore C4650@2.0GHz	1940	1548	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1830	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA QuadCore U4650 @ 1.0+ GHz	1173	1939	NA	NA
VIA Samuel 2	79	2715	NA	NA

* - Last price seen from our affiliates.

Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	267	24.17	\$317.40*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	106	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	368	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	374	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	419	NA	NA
[Dual CPU] AMD EPYC 7281	12720	156	9.10	\$1,397.98
[Dual CPU] AMD EPYC 7401	23518	50	5.79	\$4,063.98
[Dual CPU] AMD EPYC 7451	28957	22	5.51	\$5,253.98
[Dual CPU] AMD EPYC 7501	23727	49	3.18	\$7,465.98
[Dual CPU] AMD EPYC 7551	30966	15	4.15	\$7,458.66
[Dual CPU] AMD Opteron 246	1130	408	28.26	\$39.98
[Dual CPU] AMD Opteron 248	1053	409	4.79	\$219.90
[Dual CPU] AMD Opteron 250	1438	405	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1385	406	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	414	NA	NA
[Dual CPU] AMD Opteron 256	1853	402	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	400	6.28	\$319.90*
[Dual CPU] AMD Opteron 270	2226	396	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	399	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	391	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	383	NA	NA
[Dual CPU] AMD Opteron 290	2807	380	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	377	NA	NA
[Dual CPU] AMD Opteron 2212	2203	397	91.79	\$24.00*
[Dual CPU] AMD Opteron 2214	2344	392	2.06	\$1,138.00*
[Dual CPU] AMD Opteron 2214 HE	2463	390	NA	NA
[Dual CPU] AMD Opteron 2216	2485	388	36.16	\$68.72*
[Dual CPU] AMD Opteron 2216 HE	2593	386	NA	NA
[Dual CPU] AMD Opteron 2218	2719	384	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	387	NA	NA
[Dual CPU] AMD Opteron 2220	2850	378	0.97	\$2,950.32
[Dual CPU] AMD Opteron 2220 SE	2882	376	57.64	\$50.00
[Dual CPU] AMD Opteron 2222	3008	371	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	366	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	356	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	363	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4090	357	7.57	\$539.98*
[Dual CPU] AMD Opteron 2354	4566	345	6.88	\$664.02*
[Dual CPU] AMD Opteron 2356	4441	348	148.53	\$29.90

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2360 SE	5315	328	98.43	\$54.00
[Dual CPU] AMD Opteron 2373 EE	4164	354	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	341	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	329	104.76	\$50.00*
[Dual CPU] AMD Opteron 2378	5559	322	15.53	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	315	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	312	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6441	296	NA	NA
[Dual CPU] AMD Opteron 2389	5677	316	86.04	\$65.98
[Dual CPU] AMD Opteron 2419	5191	331	216.47	\$23.98
[Dual CPU] AMD Opteron 2425 HE	6209	304	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 2427	5980	310	31.43	\$190.28*
[Dual CPU] AMD Opteron 2431	6438	297	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7124	281	29.58	\$240.80*
[Dual CPU] AMD Opteron 2439 SE	8071	253	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	358	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	318	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	300	9.33	\$679.90
[Dual CPU] AMD Opteron 4180	6367	299	14.15	\$450.08
[Dual CPU] AMD Opteron 4184	7848	259	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	252	8.64	\$936.14*
[Dual CPU] AMD Opteron 4228 HE	7986	254	NA	NA
[Dual CPU] AMD Opteron 4234	9361	221	15.57	\$601.40*
[Dual CPU] AMD Opteron 4276 HE	9681	215	NA	NA
[Dual CPU] AMD Opteron 4280	4525	346	4.96	\$912.88*
[Dual CPU] AMD Opteron 4284	7833	261	10.96	\$714.60*
[Dual CPU] AMD Opteron 4334	9456	220	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	194	NA	NA
[Dual CPU] AMD Opteron 4376 HE	10244	202	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	184	15.01	\$757.04*
[Dual CPU] AMD Opteron 6128	6881	287	163.91	\$41.98
[Dual CPU] AMD Opteron 6128 HE	5582	321	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	236	NA	NA
[Dual CPU] AMD Opteron 6136	7255	276	10.10	\$718.00
[Dual CPU] AMD Opteron 6164 HE	5109	334	NA	NA
[Dual CPU] AMD Opteron 6168	7741	264	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7623	268	18.15	\$419.90
[Dual CPU] AMD Opteron 6174	8776	233	399.27	\$21.98
[Dual CPU] AMD Opteron 6176 SE	8448	241	15.30	\$552.00*
[Dual CPU] AMD Opteron 6180 SE	3114	369	NA	NA
[Dual CPU] AMD Opteron 6204	7134	280	NA	NA
[Dual CPU] AMD Opteron 6212	8955	227	21.37	\$419.00*
[Dual CPU] AMD Opteron 6220	10740	190	25.57	\$420.00
[Dual CPU] AMD Opteron 6234	10262	201	12.83	\$799.98*
[Dual CPU] AMD Opteron 6238	10349	198	4.76	\$2,176.22*
[Dual CPU] AMD Opteron 6272	10026	207	16.05	\$624.80
[Dual CPU] AMD Opteron 6274	10682	191	25.43	\$420.00
[Dual CPU] AMD Opteron 6275	9936	210	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 6276	10194	204	16.50	\$617.78
[Dual CPU] AMD Opteron 6284 SE	11985	170	NA	NA
[Dual CPU] AMD Opteron 6308	8351	244	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10914	188	20.21	\$539.96
[Dual CPU] AMD Opteron 6328	11722	175	11.49	\$1,019.96
[Dual CPU] AMD Opteron 6344	11203	185	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	181	9.13	\$1,249.96
[Dual CPU] AMD Opteron 6376	10405	196	8.69	\$1,198.00
[Dual CPU] AMD Opteron 6378	2905	375	3.64	\$798.00*
[Dual CPU] AMD Opteron 6380	14200	143	47.34	\$299.98
[Dual CPU] AMD Opteron 6386 SE	10764	189	35.88	\$299.98
[Dual CPU] AMD Opteron 8218	2831	379	67.40	\$42.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 8222 SE	2793	382	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	367	73.25	\$44.00
[Dual CPU] AMD Opteron 8380	5643	319	13.70	\$412.00*
[Dual CPU] AMD Opteron 8381 HE	5210	330	NA	NA
[Dual CPU] AMD Opteron 8389	6517	293	155.24	\$41.98
[Dual CPU] AMD Opteron 8431	5813	313	207.76	\$27.98
[Dual CPU] AMD Opteron 8435	7606	269	38.42	\$197.98*
[Dual CPU] AMD Opteron 8439 SE	7691	266	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	407	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	394	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	362	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7955	255	2.20	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	428	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	426	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	422	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	424	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	429	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	430	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	427	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	479	425	26.32	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	420	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	687	416	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	784	415	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	418	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	857	413	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	893	412	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	926	411	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1862	401	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	410	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2154	398	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	393	0.70	\$3,289.96*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2615	385	34.05	\$76.80*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	370	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2980	373	31.71	\$93.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	372	37.50	\$79.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3449	364	3.78	\$911.90
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3845	360	131.68	\$29.20*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8987	226	19.01	\$472.68
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11646	177	16.68	\$698.36
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	305	6.93	\$895.18
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	302	14.14	\$445.68*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7518	271	11.22	\$670.08
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	225	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11724	174	15.64	\$749.60
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11725	173	10.11	\$1,159.90
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	246	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	146	12.79	\$1,066.44
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	14265	141	12.99	\$1,097.98*
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	183	54.76	\$207.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	162	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	155	16.07	\$800.00*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	145	9.50	\$1,444.44*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	116	NA	NA
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11886	171	91.44	\$129.98
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	115	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	99	4.13	\$4,500.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6326	301	113.61	\$55.68
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	292	68.44	\$95.26
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8374	242	19.18	\$436.64
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8542	239	18.57	\$459.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8223	249	52.04	\$158.00
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8815	231	15.63	\$564.00
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10019	208	11.18	\$896.04
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10992	187	12.66	\$868.00*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12441	160	61.15	\$203.46
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13472	153	18.47	\$729.28
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15265	131	10.74	\$1,421.08
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16416	118	18.57	\$884.00
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14251	142	17.59	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12208	166	11.12	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	137	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13621	149	53.15	\$256.28
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16064	120	50.52	\$318.00
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18581	98	15.94	\$1,165.98
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18923	97	13.71	\$1,380.00
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	186	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	148	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	132	10.10	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	274	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15958	122	4.84	\$3,298.44
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16437	117	6.34	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16678	114	7.83	\$2,129.26
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14708	135	38.17	\$385.32

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14491	138	15.07	\$961.36
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20514	84	6.63	\$3,094.54
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20698	80	10.38	\$1,994.20
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13608	151	12.88	\$1,056.80
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21298	73	4.24	\$5,018.00
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21083	76	5.67	\$3,720.00*
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21705	67	6.72	\$3,230.00
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	164	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	11808	172	3.99	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	105	6.69	\$2,705.88
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15001	133	62.53	\$239.90
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19049	96	28.47	\$669.16
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20518	83	10.46	\$1,960.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20452	85	8.12	\$2,517.98
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	139	91.04	\$158.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14337	140	23.97	\$598.10
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	79	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13345	154	4.56	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18096	104	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	93	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16404	119	80.41	\$204.00
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18347	100	30.04	\$610.68
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22600	61	7.39	\$3,059.90
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23117	55	7.76	\$2,977.98
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	53	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17470	107	61.73	\$283.00*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	37	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17003	111	37.62	\$452.00
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22846	60	14.96	\$1,527.12
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23109	56	5.11	\$4,519.90*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23855	48	5.51	\$4,329.82
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18256	101	37.38	\$488.40
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	21136	75	21.45	\$985.54
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	64	7.71	\$2,900.00*
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23077	57	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	22959	59	16.40	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	20	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	88	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	68	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	19	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18202	102	52.45	\$347.02
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21486	69	30.78	\$698.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24877	38	6.19	\$4,017.90
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	52	6.63	\$3,525.80*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	112	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	20981	78	5.28	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24503	41	6.45	\$3,799.98*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	65	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26071	32	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	21008	77	17.54	\$1,197.48
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23242	54	3.13	\$7,427.10*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24199	44	4.02	\$6,019.90*
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26529	29	5.75	\$4,614.62*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	20362	86	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	30	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	20005	87	49.52	\$404.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23887	47	20.28	\$1,178.00
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25668	33	4.88	\$5,256.84
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27561	26	5.86	\$4,701.76*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20590	82	2.87	\$7,186.44
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	39	6.18	\$4,019.98
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	34	5.21	\$4,919.98
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23914	46	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30116	17	6.03	\$4,996.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31526	12	5.24	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23380	51	5.23	\$4,470.04*
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28349	23	5.32	\$5,323.80*
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30520	16	5.44	\$5,610.00
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	25	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29958	18	4.37	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	10	5.00	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	45	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	25481	35	3.18	\$8,020.00
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34330	7	2.14	\$16,020.00*
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	81	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	91	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	125	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	94	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	90	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19401	92	19.72	\$983.60*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	134	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	192	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	62	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	28	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	167	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	126	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	63	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15488	127	2.35	\$6,587.58*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	395	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	359	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3588	361	6.90	\$519.90*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4141	355	13.11	\$315.90*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	337	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4593	344	129.23	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5134	333	62.19	\$82.56*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5182	332	139.90	\$37.04*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6036	308	14.58	\$414.02*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6378	298	12.27	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6867	288	71.38	\$96.20*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7207	277	169.66	\$42.48*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7579	270	102.64	\$73.84*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7148	279	130.92	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7836	260	71.50	\$109.60*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2480	389	13.05	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	381	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4892	338	88.30	\$55.40*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5023	336	16.75	\$299.90*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5434	325	5.95	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7438	273	229.00	\$32.48
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7740	265	150.00	\$51.60
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7859	258	143.31	\$54.84*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4236	352	16.41	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5557	323	10.18	\$545.64*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5989	309	9.66	\$620.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8103	251	253.85	\$31.92
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8366	243	55.21	\$151.52*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8790	232	24.42	\$359.90*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10413	195	65.91	\$158.00
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10348	199	47.13	\$219.58*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	324	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	327	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	21833	66	8.16	\$2,675.98*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	43	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	74	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	21447	70	7.96	\$2,696.00*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25469	36	8.16	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17132	110	6.61	\$2,589.98*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	23072	58	6.80	\$3,394.00*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	21392	71	5.53	\$3,865.80*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	27498	27	5.51	\$4,987.08
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29157	21	5.48	\$5,320.00*
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35823	4	6.67	\$5,369.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32523	9	6.17	\$5,269.54*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	24344	42	4.12	\$5,904.00*
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28278	24	4.83	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	34296	8	4.53	\$7,574.54
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	13	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35368	6	4.65	\$7,599.98*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36494	3	5.15	\$7,086.00*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	347	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	351	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	339	64.02	\$76.40*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	320	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6137	306	30.66	\$200.16*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6487	295	20.53	\$315.90*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6600	290	20.89	\$315.90*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	286	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	285	130.04	\$53.40*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	256	284.35	\$27.92*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	284	220.31	\$31.80*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	228	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9618	216	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9734	214	140.06	\$69.50*
[Dual CPU] Intel Xeon MP 2.50GHz	550	421	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	423	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	417	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	403	NA	NA
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39524	2	3.36	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	5	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	31092	14	1.55	\$20,030.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15441	128	16.44	\$939.32*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	18145	103	16.80	\$1,080.16*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13557	152	12.81	\$1,058.42*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19160	95	12.86	\$1,489.46*
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	19703	89	8.79	\$2,242.32*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	205	48.66	\$207.76*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10356	197	3.36	\$3,080.20*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	200	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4778	342	17.16	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	343	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	340	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5812	314	9.38	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6241	303	31.36	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7497	272	98.64	\$76.00
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7876	257	65.63	\$120.00*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8204	250	13.96	\$587.74*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7780	262	17.29	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8258	247	41.29	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8769	234	3.15	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	9021	224	261.18	\$34.54*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	222	79.82	\$113.80*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9573	217	106.39	\$89.98
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	211	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11390	182	148.35	\$76.78
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11678	176	42.63	\$273.96
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	230	62.98	\$140.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12357	161	84.69	\$145.90
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10053	206	43.66	\$230.24*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12648	158	26.46	\$478.00
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11506	179	16.44	\$700.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	150	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13637	147	52.47	\$259.90
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	12010	169	82.38	\$145.78
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13938	144	43.69	\$319.02
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	240	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	291	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	235	41.21	\$211.60*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	209	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	178	264.34	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	353	59.59	\$70.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	335	15.28	\$330.00*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	350	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	349	199.09	\$21.98
[Dual CPU] Quad-Core AMD Opteron 8378	5382	326	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	289	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	317	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	311	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	245	NA	NA
[Quad CPU] AMD Opteron 6136	9767	212	6.80	\$1,436.00
[Quad CPU] AMD Opteron 6272	12292	163	9.84	\$1,249.60
[Quad CPU] AMD Opteron 6274	10488	193	12.49	\$840.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 6276	15342	130	12.42	\$1,235.56
[Quad CPU] AMD Opteron 6278	12055	168	4.35	\$2,770.00*
[Quad CPU] AMD Opteron 6376	14681	136	6.13	\$2,396.00
[Quad CPU] AMD Opteron 6380	12442	159	20.74	\$599.96
[Quad CPU] AMD Opteron 8360 SE	6490	294	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	307	NA	NA
[Quad CPU] AMD Opteron 8382	8553	238	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	275	NA	NA
[Quad CPU] AMD Opteron 8431	8252	248	147.46	\$55.96
[Quad CPU] AMD Opteron 8435	7099	282	17.93	\$395.96*
[Quad CPU] AMD Opteron 8439 SE	8943	229	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	404	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	365	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	113	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	124	1.13	\$14,079.88*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24511	40	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	72	10.86	\$1,967.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	121	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	11	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	109	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	108	131.38	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15952	123	1.21	\$13,175.16*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	157	15.87	\$799.96*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	283	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	263	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	203	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	218	7.31	\$1,310.40*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	223	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	31	5.05	\$5,179.96*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	213	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	1	1.10	\$40,060.00*
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	219	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12250	165	28.95	\$423.20*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	237	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	180	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	15414	129	175.16	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	278	163.10	\$43.96

* - Last price seen from our affiliates.

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