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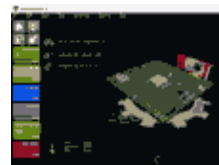
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CPU List

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.

Single CPU Systems

Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
686 Gen	288	2429	NA	NA
AMD A4 Micro-6400T APU	1544	1622	NA	NA
AMD A4 PRO-3340B	2402	1249	NA	NA
AMD A4 PRO-7300B APU	2342	1268	NA	NA
AMD A4 PRO-7350B	2794	1126	NA	NA
AMD A4-1200 APU	638	2106	NA	NA
AMD A4-1250 APU	610	2119	NA	NA
AMD A4-3300 APU	1510	1638	71.54	\$21.11
AMD A4-3300M APU	1182	1808	39.44	\$29.99*
AMD A4-3305M APU	1223	1789	40.78	\$30.00*
AMD A4-3310MX APU	1299	1737	NA	NA
AMD A4-3320M APU	1247	1776	40.24	\$31.00*
AMD A4-3330MX APU	1217	1792	NA	NA
AMD A4-3400 APU	1596	1602	29.46	\$54.21
AMD A4-3420 APU	1676	1559	NA	NA
AMD A4-4000 APU	1810	1489	43.10	\$42.00
AMD A4-4020 APU	1872	1467	26.53	\$70.60
AMD A4-4300M APU	1613	1593	40.47	\$39.86*
AMD A4-4355M APU	1163	1819	NA	NA
AMD A4-5000 APU	1902	1443	NA	NA
AMD A4-5050 APU	2180	1337	NA	NA
AMD A4-5100 APU	2082	1374	NA	NA
AMD A4-5150M APU	1820	1486	NA	NA
AMD A4-5300 APU	1999	1403	34.08	\$58.66
AMD A4-5300B APU	2070	1380	54.48	\$38.00*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-6210 APU	2139	1352	NA	NA
AMD A4-6250J APU	2556	1199	NA	NA
AMD A4-6300 APU	2228	1320	47.75	\$46.66
AMD A4-6300B APU	2098	1369	20.98	\$100.00*
AMD A4-6320 APU	2322	1273	42.31	\$54.90*
AMD A4-7210 APU	2522	1210	NA	NA
AMD A4-7300 APU	2280	1297	53.34	\$42.76
AMD A4-9120	1677	1558	NA	NA
AMD A6 Micro-6500T APU	1834	1480	NA	NA
AMD A6 PRO-7050B APU	1549	1619	NA	NA
AMD A6 PRO-7400B	2721	1150	NA	NA
AMD A6-1450 APU	1524	1632	NA	NA
AMD A6-3400M APU	1897	1446	54.29	\$34.96*
AMD A6-3410MX APU	2062	1381	68.79	\$29.99*
AMD A6-3420M APU	2017	1398	NA	NA
AMD A6-3430MX APU	2225	1322	NA	NA
AMD A6-3500 APU	2005	1402	50.14	\$39.99*
AMD A6-3600 APU	2711	1153	18.08	\$149.99*
AMD A6-3620 APU	2822	1117	47.04	\$59.99*
AMD A6-3650 APU	3164	1011	39.80	\$79.50*
AMD A6-3670 APU	3202	1000	30.02	\$106.70*
AMD A6-4400M APU	1627	1588	40.83	\$39.86*
AMD A6-4455M APU	1277	1757	NA	NA
AMD A6-5200 APU	2410	1245	NA	NA
AMD A6-5345M APU	1481	1649	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	1911	1438	31.88	\$59.95*
AMD A6-5357M APU	1888	1453	NA	NA
AMD A6-5400B APU	2188	1333	20.83	\$105.04*
AMD A6-5400K APU	2143	1351	30.79	\$69.63
AMD A6-6310 APU	2421	1240	NA	NA
AMD A6-6400B APU	2281	1296	NA	NA
AMD A6-6400K APU	2283	1293	48.60	\$46.99
AMD A6-6420B APU	2612	1178	NA	NA
AMD A6-6420K APU	2282	1295	33.07	\$69.00*
AMD A6-7000	1666	1570	NA	NA
AMD A6-7310 APU	2679	1161	NA	NA
AMD A6-7400K APU	2792	1127	59.98	\$46.55
AMD A6-7470K	2822	1116	47.86	\$58.98
AMD A6-8500P	2183	1336	NA	NA
AMD A6-8550	3104	1027	NA	NA
AMD A6-9210	1936	1430	NA	NA
AMD A6-9220	2315	1276	NA	NA
AMD A6-9230	2486	1221	NA	NA
AMD A6-9500	3219	991	60.28	\$53.42
AMD A8 PRO-7150B APU	2728	1149	NA	NA
AMD A8 PRO-7600B APU	4851	647	NA	NA
AMD A8-3500M APU	1973	1413	28.22	\$69.95
AMD A8-3510MX APU	2387	1254	NA	NA
AMD A8-3520M APU	2184	1335	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-3530MX APU	2380	1258	NA	NA
AMD A8-3550MX APU	2629	1172	NA	NA
AMD A8-3800 APU	3063	1042	18.02	\$169.99*
AMD A8-3820 APU	3151	1016	25.22	\$124.99*
AMD A8-3850 APU	3481	925	17.41	\$199.99*
AMD A8-3870K APU	3578	900	17.76	\$201.54
AMD A8-4500M APU	2660	1164	NA	NA
AMD A8-4555M APU	2127	1356	NA	NA
AMD A8-5500 APU	3985	807	30.90	\$129.00*
AMD A8-5500B APU	3933	818	NA	NA
AMD A8-5545M APU	2574	1195	NA	NA
AMD A8-5550M APU	2992	1063	NA	NA
AMD A8-5557M APU	2959	1073	NA	NA
AMD A8-5600K APU	4328	744	41.23	\$105.00
AMD A8-6410 APU	2545	1201	NA	NA
AMD A8-6500 APU	4380	731	27.21	\$160.99*
AMD A8-6500B APU	4584	691	NA	NA
AMD A8-6500T APU	3221	990	NA	NA
AMD A8-6600K APU	4575	694	17.60	\$259.95
AMD A8-7050	1986	1411	NA	NA
AMD A8-7100 APU	2828	1114	NA	NA
AMD A8-7200P	3315	965	NA	NA
AMD A8-7410 APU	2718	1151	NA	NA
AMD A8-7600 APU	5118	604	63.51	\$80.59
AMD A8-7650K	4923	637	50.75	\$97.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-7670K	5065	611	49.66	\$101.99
AMD A8-8600P	3265	978	NA	NA
AMD A8-8650	5487	556	NA	NA
AMD A8-9600	5086	607	72.67	\$69.99
AMD A9-9400	2209	1325	NA	NA
AMD A9-9410	2610	1179	NA	NA
AMD A9-9420	2408	1247	NA	NA
AMD A10 Micro-6700T APU	1890	1450	NA	NA
AMD A10 PRO-7350B APU	3247	985	NA	NA
AMD A10 PRO-7800B APU	5409	569	NA	NA
AMD A10 PRO-7850B APU	5480	557	NA	NA
AMD A10-4600M APU	3111	1026	NA	NA
AMD A10-4655M APU	2583	1189	NA	NA
AMD A10-4657M APU	2906	1086	NA	NA
AMD A10-5700 APU	4206	762	8.17	\$514.70*
AMD A10-5745M APU	2765	1136	NA	NA
AMD A10-5750M APU	3340	958	NA	NA
AMD A10-5757M APU	3081	1032	NA	NA
AMD A10-5800B APU	4575	695	NA	NA
AMD A10-5800K APU	4637	678	36.81	\$125.99*
AMD A10-6700 APU	4601	687	30.68	\$149.99
AMD A10-6700T APU	3702	873	26.45	\$139.99
AMD A10-6790K APU	4694	669	22.70	\$206.80
AMD A10-6800B APU	4999	622	NA	NA



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AMD A10-6800K APU	4878	641	23.71	\$205.76*
AMD A10-7300 APU	2916	1084	NA	NA
AMD A10-7400P	3638	885	NA	NA
AMD A10-7700K APU	5144	597	35.48	\$144.99
AMD A10-7800 APU	5027	617	47.89	\$104.99*
AMD A10-7850K APU	5492	553	31.03	\$176.99
AMD A10-7860K	5134	602	53.38	\$96.19
AMD A10-7870K	5489	555	31.57	\$173.89*
AMD A10-7890K	5755	522	31.61	\$182.07*
AMD A10-8700P	3458	931	NA	NA
AMD A10-8750	5167	595	NA	NA
AMD A10-8850	5613	539	NA	NA
AMD A10-9600P	3806	846	NA	NA
AMD A10-9620P	3883	827	NA	NA
AMD A10-9630P	4404	727	NA	NA
AMD A10-9700	5534	548	61.50	\$89.99
AMD A12-9700P	3803	847	NA	NA
AMD A12-9720P	4128	781	NA	NA
AMD A12-9730P	4258	753	NA	NA
AMD A12-9800	5666	532	51.51	\$109.99
AMD A12-9800E	5506	552	52.44	\$104.99
AMD Athlon64 X2 Dual Core 3800+	997	1917	NA	NA
AMD Athlon64 X2 Dual Core 4200+	1006	1908	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	1848	NA	NA
AMD Athlon 4	279	2448	4.43	\$63.21
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 2000+	116	2580	NA	NA
AMD Athlon 64 2200+	575	2137	NA	NA
AMD Athlon 64 2600+	374	2322	NA	NA
AMD Athlon 64 2800+	438	2247	4.38	\$99.99*
AMD Athlon 64 3000+	461	2223	5.43	\$84.95
AMD Athlon 64 3200+	491	2191	3.28	\$149.95*
AMD Athlon 64 3300+	576	2136	NA	NA
AMD Athlon 64 3400+	547	2150	NA	NA
AMD Athlon 64 3500+	540	2156	9.15	\$59.00
AMD Athlon 64 3600+	601	2125	NA	NA
AMD Athlon 64 3700+	599	2126	8.69	\$69.00*
AMD Athlon 64 3800+	588	2130	4.21	\$139.95
AMD Athlon 64 4000+	606	2120	7.58	\$79.99*
AMD Athlon 64 FX-25	794	2034	NA	NA
AMD Athlon 64 FX-34	380	2315	NA	NA
AMD Athlon 64 FX-51	437	2250	NA	NA
AMD Athlon 64 FX-53	646	2100	21.57	\$29.99*
AMD Athlon 64 FX-55	721	2064	4.01	\$179.95
AMD Athlon 64 FX-57	730	2058	NA	NA
AMD Athlon 64 FX-59	715	2068	NA	NA
AMD Athlon 64 FX-60 Dual Core	1284	1751	NA	NA
AMD Athlon 64 FX-62 Dual Core	1571	1615	NA	NA
AMD Athlon 64 FX-72	1794	1498	NA	NA
AMD Athlon 64 FX-74	1495	1645	2.99	\$499.50



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 3800+	958	1951	NA	NA
AMD Athlon 64 X2 4200+	1285	1750	4.16	\$308.95*
AMD Athlon 64 X2 4600+	1365	1703	3.90	\$349.95*
AMD Athlon 64 X2 Dual Core 3400+	1003	1911	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	972	1933	16.21	\$60.00*
AMD Athlon 64 X2 Dual Core 3800+	1002	1912	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1041	1883	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1098	1853	8.46	\$129.95*
AMD Athlon 64 X2 Dual Core 4400+	1146	1832	19.11	\$60.00
AMD Athlon 64 X2 Dual Core 4600+	1223	1787	3.40	\$359.95*
AMD Athlon 64 X2 Dual Core 4800+	1259	1768	7.87	\$159.95
AMD Athlon 64 X2 Dual Core 5000+	1310	1728	3.95	\$331.49*
AMD Athlon 64 X2 Dual Core 5200+	1381	1694	26.03	\$53.09*
AMD Athlon 64 X2 Dual Core 5400+	1448	1667	27.34	\$52.99*
AMD Athlon 64 X2 Dual Core 5600+	1476	1651	9.85	\$149.95
AMD Athlon 64 X2 Dual Core 5800+	1536	1626	38.89	\$39.50
AMD Athlon 64 X2 Dual Core 6000+	1603	1599	49.33	\$32.50
AMD Athlon 64 X2 Dual Core 6400+	1794	1497	22.45	\$79.95
AMD Athlon 64 X2 Dual Core BE-230	1095	1856	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	1865	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	1882	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2013	24.03	\$34.95*
AMD Athlon 64 X2 Dual Core TK-55	839	2014	14.53	\$57.74*
AMD Athlon 64 X2 Dual Core TK-57	971	1935	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	877	1992	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 TK-53	812	2028	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	880	1991	12.11	\$72.74*
AMD Athlon 64 X2 Dual-Core TK-57	921	1972	NA	NA
AMD Athlon 64 X2 QL-60	928	1968	NA	NA
AMD Athlon 64 X2 QL-62	1017	1899	NA	NA
AMD Athlon 64 X2 QL-64	983	1927	NA	NA
AMD Athlon 64 X2 QL-65	1041	1885	NA	NA
AMD Athlon 64 X2 QL-66	945	1957	NA	NA
AMD Athlon 64 X2 QL-67	1006	1907	NA	NA
AMD Athlon 64 X2 TK-55	955	1952	NA	NA
AMD Athlon 64 X2 TK-57	988	1925	NA	NA
AMD Athlon 1500+	294	2421	NA	NA
AMD Athlon 1640B	668	2092	13.36	\$50.00*
AMD Athlon 1700+	349	2351	NA	NA
AMD Athlon 2000+	390	2308	NA	NA
AMD Athlon 2100+	412	2273	NA	NA
AMD Athlon 2200+	363	2338	4.55	\$79.99*
AMD Athlon 2400+	462	2221	NA	NA
AMD Athlon 2500+	374	2321	4.41	\$84.99*
AMD Athlon 2600+	444	2242	4.23	\$104.95*
AMD Athlon 2650e	406	2283	21.38	\$19.0
AMD Athlon 2800+	447	2239	8.96	\$49.95
AMD Athlon 2850e	498	2185	NA	NA
AMD Athlon 3100+	485	2202	NA	NA



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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 3200+	458	2226	6.01	\$76.25*
AMD Athlon 5000 Dual-Core	1290	1746	12.91	\$99.95*
AMD Athlon 5150 APU	2090	1372	19.36	\$108.00
AMD Athlon 5200 Dual-Core	1236	1780	13.69	\$90.33*
AMD Athlon 5350 APU	2593	1185	12.87	\$201.49
AMD Athlon 5370 APU	2874	1103	45.12	\$63.70*
AMD Athlon 7450 Dual-Core	1428	1674	NA	NA
AMD Athlon 7550 Dual-Core	1459	1661	24.32	\$60.00*
AMD Athlon 7750 Dual-Core	1579	1610	9.89	\$159.76*
AMD Athlon 7850 Dual-Core	1716	1533	8.19	\$209.65*
AMD Athlon 7850 Dual-Core 2.8G	288	2431	NA	NA
AMD Athlon Dual Core 4050e	1086	1862	NA	NA
AMD Athlon Dual Core 4450B	1168	1816	68.71	\$17.00*
AMD Athlon Dual Core 4450e	1102	1851	NA	NA
AMD Athlon Dual Core 4850B	1471	1653	NA	NA
AMD Athlon Dual Core 4850e	1314	1726	33.71	\$39.00*
AMD Athlon Dual Core 5000B	1296	1740	13.65	\$95.00*
AMD Athlon Dual Core 5050e	1345	1713	22.42	\$60.00*
AMD Athlon Dual Core 5200B	1327	1722	NA	NA
AMD Athlon Dual Core 5400B	1407	1683	NA	NA
AMD Athlon Dual Core 5600B	1304	1733	NA	NA
AMD Athlon II 160u	553	2149	18.46	\$29.99*
AMD Athlon II 170u	626	2112	20.91	\$29.95*
AMD Athlon II Dual-Core M300	1116	1839	NA	NA
AMD Athlon II Dual-Core M320	1141	1834	38.06	\$30.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II Dual-Core M340	1032	1889	NA	NA
AMD Athlon II N330 Dual-Core	1154	1824	NA	NA
AMD Athlon II N350 Dual-Core	1247	1775	NA	NA
AMD Athlon II N370 Dual-Core	1559	1617	NA	NA
AMD Athlon II Neo K125	474	2212	NA	NA
AMD Athlon II Neo K145	543	2152	NA	NA
AMD Athlon II Neo K325 Dual-Core	781	2036	30.09	\$25.99*
AMD Athlon II Neo K345 Dual-Core	856	2004	NA	NA
AMD Athlon II Neo N36L Dual-Core	817	2025	NA	NA
AMD Athlon II P320 Dual-Core	1216	1793	60.97	\$19.95*
AMD Athlon II P340 Dual-Core	1251	1772	25.06	\$49.95*
AMD Athlon II P360 Dual-Core	1319	1725	65.96	\$20.00
AMD Athlon II X2 210e	1486	1647	NA	NA
AMD Athlon II X2 215	1582	1608	131.98	\$11.99*
AMD Athlon II X2 220	1631	1586	50.67	\$32.19
AMD Athlon II X2 225	1526	1631	NA	NA
AMD Athlon II X2 235e	1656	1573	19.69	\$84.11
AMD Athlon II X2 240	1644	1576	47.05	\$34.95
AMD Athlon II X2 240e	1706	1537	48.83	\$34.95*
AMD Athlon II X2 245	1685	1554	48.24	\$34.95*
AMD Athlon II X2 245e	1702	1540	21.28	\$80.0
AMD Athlon II X2 250	1750	1515	25.03	\$69.95
AMD Athlon II X2 250e	1949	1422	25.41	\$76.73
AMD Athlon II X2 250u	1005	1909	25.16	\$39.95

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 255	1841	1475	23.25	\$79.18*
AMD Athlon II X2 260	1879	1460	39.15	\$48.00*
AMD Athlon II X2 260u	1106	1850	13.26	\$83.44*
AMD Athlon II X2 265	1877	1461	22.65	\$82.88*
AMD Athlon II X2 270	1989	1409	19.89	\$99.99*
AMD Athlon II X2 270u	1350	1710	19.96	\$67.67*
AMD Athlon II X2 280	2167	1342	21.68	\$99.99*
AMD Athlon II X2 4300e	1464	1657	NA	NA
AMD Athlon II X2 4400e	1618	1589	NA	NA
AMD Athlon II X2 4450e	1504	1641	NA	NA
AMD Athlon II X2 B22	1711	1534	47.61	\$35.95*
AMD Athlon II X2 B24	1787	1500	44.75	\$39.95
AMD Athlon II X2 B26	1840	1476	52.67	\$34.95
AMD Athlon II X2 B28	2109	1364	49.05	\$43.00*
AMD Athlon II X3 400e	2018	1397	18.79	\$107.43*
AMD Athlon II X3 405e	2036	1389	25.46	\$79.99*
AMD Athlon II X3 415e	2247	1311	29.97	\$75.00*
AMD Athlon II X3 420e	2286	1292	19.68	\$116.15*
AMD Athlon II X3 425	2316	1275	55.21	\$41.96*
AMD Athlon II X3 425e	2239	1316	NA	NA
AMD Athlon II X3 435	2473	1226	61.91	\$39.95*
AMD Athlon II X3 440	2571	1198	54.77	\$46.95*
AMD Athlon II X3 445	2579	1193	28.35	\$91.00*
AMD Athlon II X3 450	2624	1173	58.39	\$44.95
AMD Athlon II X3 455	2772	1129	30.82	\$89.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 460	2871	1104	33.79	\$84.99*
AMD Athlon II X4 553	3814	842	NA	NA
AMD Athlon II X4 555	3830	835	NA	NA
AMD Athlon II X4 559	4166	776	NA	NA
AMD Athlon II X4 600e	2388	1253	18.34	\$130.23*
AMD Athlon II X4 605e	2743	1144	26.95	\$101.80*
AMD Athlon II X4 610e	2806	1123	40.10	\$69.99*
AMD Athlon II X4 615e	2891	1094	49.01	\$59.00*
AMD Athlon II X4 620	2946	1077	45.36	\$64.95*
AMD Athlon II X4 620e	2906	1087	NA	NA
AMD Athlon II X4 630	3144	1020	54.22	\$58.00
AMD Athlon II X4 631 Quad-Core	3154	1015	157.79	\$19.99*
AMD Athlon II X4 635	3256	982	46.55	\$69.95*
AMD Athlon II X4 638 Quad-Core	3198	1001	NA	NA
AMD Athlon II X4 640	3323	964	41.57	\$79.95
AMD Athlon II X4 641 Quad-Core	3364	955	36.77	\$91.50*
AMD Athlon II X4 645	3486	923	34.89	\$99.95*
AMD Athlon II X4 650	3485	924	20.92	\$166.60*
AMD Athlon II X4 651 Quad-Core	3587	898	20.15	\$178.04*
AMD Athlon II X4 655	2880	1101	NA	NA
AMD Athlon II X4 6400e	2594	1184	NA	NA
AMD Athlon L110	306	2400	NA	NA
AMD Athlon LE-1600	561	2146	26.72	\$21.00*
AMD Athlon LE-1620	571	2141	31.75	\$18.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon LE-1640	626	2111	NA	NA
AMD Athlon LE-1660	676	2089	NA	NA
AMD Athlon MP	230	2505	4.20	\$54.95*
AMD Athlon MP 1700+	339	2363	NA	NA
AMD Athlon MP 2400+	436	2251	NA	NA
AMD Athlon MP 2800+	497	2187	NA	NA
AMD Athlon Neo MV-40	411	2275	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	1913	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2038	NA	NA
AMD Athlon Neo X2 Dual Core L335	816	2026	NA	NA
AMD Athlon QI-46	473	2213	NA	NA
AMD Athlon TF-20	416	2268	NA	NA
AMD Athlon TF-36	329	2371	NA	NA
AMD Athlon X2 215	1575	1614	NA	NA
AMD Athlon X2 235e	1806	1491	NA	NA
AMD Athlon X2 240	1575	1613	NA	NA
AMD Athlon X2 240e	1670	1563	NA	NA
AMD Athlon X2 250	1674	1560	NA	NA
AMD Athlon X2 255	1627	1587	NA	NA
AMD Athlon X2 280	2303	1285	13.17	\$174.81*
AMD Athlon X2 340 Dual Core	1889	1452	63.02	\$29.99*
AMD Athlon X2 370K Dual Core	2251	1310	NA	NA
AMD Athlon X2 440	1424	1677	NA	NA
AMD Athlon X2 Dual Core 3250e	771	2042	NA	NA
AMD Athlon X2 Dual Core 6850e	998	1916	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X2 Dual Core BE-2300	981	1929	NA	NA
AMD Athlon X2 Dual Core BE-2350	1098	1852	NA	NA
AMD Athlon X2 Dual Core BE-2400	1236	1781	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1771	NA	NA
AMD Athlon X2 Dual Core L310	641	2105	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	1906	NA	NA
AMD Athlon X3 425	2191	1331	NA	NA
AMD Athlon X3 435	2574	1196	26.96	\$95.49*
AMD Athlon X3 440	2078	1377	23.62	\$87.99*
AMD Athlon X3 445	2314	1277	NA	NA
AMD Athlon X3 450	3064	1039	38.80	\$78.99*
AMD Athlon X3 455	2401	1250	NA	NA
AMD Athlon X4 605e	2505	1215	NA	NA
AMD Athlon X4 620	2861	1105	44.06	\$64.95
AMD Athlon X4 635	2891	1093	23.71	\$121.99*
AMD Athlon X4 640	3172	1007	NA	NA
AMD Athlon X4 645	3595	895	NA	NA
AMD Athlon X4 740 Quad Core	4008	801	14.47	\$277.00*
AMD Athlon X4 750 Quad Core	4551	702	NA	NA
AMD Athlon X4 750K Quad Core	4237	755	55.04	\$76.99*
AMD Athlon X4 760K Quad Core	4580	693	40.45	\$113.00*
AMD Athlon X4 840	5051	613	64.16	\$78.74
AMD Athlon X4 845	5422	566	55.54	\$97.63
AMD Athlon X4 860K	5465	561	58.90	\$92.80

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X4 870K	5295	585	64.58	\$82.01*
AMD Athlon X4 880K	5569	543	71.39	\$78.01
AMD Athlon X4 950	5437	564	90.64	\$59.99
AMD Athlon XP1600+	281	2444	NA	NA
AMD Athlon XP1700+	234	2501	NA	NA
AMD Athlon XP1900+	353	2347	NA	NA
AMD Athlon XP2100+	287	2433	NA	NA
AMD Athlon XP2200+	401	2292	NA	NA
AMD Athlon XP2400+	391	2306	NA	NA
AMD Athlon XP 1500	282	2443	NA	NA
AMD Athlon XP 1500+	257	2475	NA	NA
AMD Athlon XP 1600+	267	2464	NA	NA
AMD Athlon XP 1700	344	2358	NA	NA
AMD Athlon XP 1700+	269	2461	NA	NA
AMD Athlon XP 1800+	300	2412	5.09	\$58.95*
AMD Athlon XP 1900+	312	2390	NA	NA
AMD Athlon XP 2000+	299	2413	12.00	\$24.99*
AMD Athlon XP 2100+	323	2374	NA	NA
AMD Athlon XP 2200+	327	2372	3.86	\$84.95*
AMD Athlon XP 2300+	464	2219	NA	NA
AMD Athlon XP 2400+	360	2340	4.01	\$89.99*
AMD Athlon XP 2500+	355	2344	NA	NA
AMD Athlon XP 2600+	372	2325	16.18	\$23.03*
AMD Athlon XP 2700+	393	2302	4.64	\$84.79*
AMD Athlon XP 2800+	398	2296	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2900+	459	2224	NA	NA
AMD Athlon XP 3000+	402	2291	5.15	\$78.00*
AMD Athlon XP 3100+	433	2258	NA	NA
AMD Athlon XP 3200+	432	2260	NA	NA
AMD Athlon XP 3400+	570	2142	NA	NA
AMD Athlon XP Pro3+	367	2332	NA	NA
AMD Athlon XP-M	541	2155	15.48	\$34.95
AMD C-30	310	2393	NA	NA
AMD C-50	462	2220	NA	NA
AMD C-60	448	2236	NA	NA
AMD C-60 APU	542	2154	NA	NA
AMD C-70 APU	569	2144	NA	NA
AMD E1 Micro-6200T APU	960	1949	NA	NA
AMD E1-1200 APU	663	2094	NA	NA
AMD E1-1500 APU	687	2083	NA	NA
AMD E1-2100 APU	627	2110	NA	NA
AMD E1-2200 APU	767	2044	NA	NA
AMD E1-2500 APU	887	1988	NA	NA
AMD E1-6010 APU	851	2006	NA	NA
AMD E1-6015 APU	889	1987	NA	NA
AMD E1-7010 APU	993	1921	NA	NA
AMD E2-1800 APU	820	2024	NA	NA
AMD E2-2000 APU	823	2020	NA	NA
AMD E2-3000 APU	1080	1868	NA	NA



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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E2-3000M APU	1091	1858	54.57	\$20.00*
AMD E2-3200 APU	1435	1673	NA	NA
AMD E2-3800 APU	1634	1584	NA	NA
AMD E2-6110 APU	1900	1445	NA	NA
AMD E2-7110 APU	2280	1298	NA	NA
AMD E2-9000	1873	1464	NA	NA
AMD E2-9000e	1294	1742	NA	NA
AMD E2-9010	1921	1434	NA	NA
AMD E-240	318	2380	NA	NA
AMD E-300 APU	613	2118	NA	NA
AMD E-350	745	2053	NA	NA
AMD E-350 APU	773	2041	NA	NA
AMD E-350D APU	724	2062	NA	NA
AMD E-450 APU	769	2043	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1516	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2587	1187	NA	NA
AMD Embedded R-Series RX-216GD	2408	1246	NA	NA
AMD Embedded R-Series RX-421BD	4857	646	NA	NA
AMD FirePro A320 APU	4540	704	NA	NA
AMD FX-670K Quad-Core	4508	711	NA	NA
AMD FX-770K Quad-Core	4867	643	NA	NA
AMD FX-870K Quad Core	5143	598	NA	NA
AMD FX-4100 Quad-Core	4055	788	67.58	\$60.00*
AMD FX-4130 Quad-Core	4162	778	54.06	\$76.99
AMD FX-4150 Quad-Core	4587	690	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	4846	648	33.75	\$143.61*
AMD FX-4200 Quad-Core	4236	756	18.56	\$228.21*
AMD FX-4300 Quad-Core	4657	676	71.71	\$64.95
AMD FX-4320	5008	621	NA	NA
AMD FX-4330	5196	591	NA	NA
AMD FX-4350 Quad-Core	5311	583	64.00	\$82.99
AMD FX-6100 Six-Core	5416	568	28.51	\$189.99*
AMD FX-6120 Six-Core	5751	523	NA	NA
AMD FX-6130 Six-Core	6215	471	NA	NA
AMD FX-6200 Six-Core	6121	484	53.23	\$115.00
AMD FX-6300 Six-Core	6367	463	79.61	\$79.99
AMD FX-6330 Six-Core	6755	422	NA	NA
AMD FX-6350 Six-Core	6968	406	63.35	\$110.00
AMD FX-7500 APU	3218	993	NA	NA
AMD FX-7600P	4047	791	NA	NA
AMD FX-7600P APU	4627	682	NA	NA
AMD FX-8100 Eight-Core	6006	494	42.30	\$142.00*
AMD FX-8120 Eight-Core	6590	441	36.62	\$179.99*
AMD FX-8140 Eight-Core	5854	508	NA	NA
AMD FX-8150 Eight-Core	7626	355	35.47	\$214.99
AMD FX-8300 Eight-Core	7695	351	76.65	\$100.49
AMD FX-8310 Eight-Core	7740	349	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8320 Eight-Core	8020	330	77.93	\$102.91
AMD FX-8320E Eight-Core	7519	361	77.95	\$96.46
AMD FX-8350 Eight-Core	8945	267	78.47	\$113.99
AMD FX-8370 Eight-Core	9019	263	64.43	\$139.99
AMD FX-8370E Eight-Core	7791	342	39.52	\$197.14
AMD FX-8800P	4188	771	NA	NA
AMD FX-9370 Eight-Core	9512	222	45.40	\$209.52
AMD FX-9590 Eight-Core	10190	175	80.25	\$126.99
AMD FX-9800P	4025	795	NA	NA
AMD FX-9830P	4802	659	NA	NA
AMD FX-B4150 Quad-Core	4611	685	NA	NA
AMD G-T40E	485	2199	NA	NA
AMD G-T40N	516	2172	NA	NA
AMD G-T44R	227	2507	NA	NA
AMD G-T48E	716	2067	NA	NA
AMD G-T52R	303	2407	NA	NA
AMD G-T56E	751	2050	NA	NA
AMD G-T56N	783	2035	NA	NA
AMD Geode NX	264	2467	NA	NA
AMD Geode NX 1750	291	2422	NA	NA
AMD GX-210JA SOC	401	2293	NA	NA
AMD GX-212JC SOC	744	2054	NA	NA
AMD GX-217GA SOC	1106	1849	NA	NA
AMD GX-218GL SOC	1115	1840	NA	NA
AMD GX-222GC SOC	1255	1770	NA	NA
AMD GX-412HC	1462	1659	NA	NA
AMD GX-415GA SOC	1908	1440	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD GX-420CA SOC	2299	1287	NA	NA
AMD GX-424CC SOC	2449	1230	NA	NA
AMD K7	403	2286	NA	NA
AMD Opteron 140	396	2297	0.67	\$595.50*
AMD Opteron 142	428	2264	NA	NA
AMD Opteron 144	511	2177	7.87	\$65.00*
AMD Opteron 146	532	2163	8.87	\$59.99*
AMD Opteron 148	603	2124	NA	NA
AMD Opteron 150	604	2122	NA	NA
AMD Opteron 152	658	2095	NA	NA
AMD Opteron 154	703	2076	NA	NA
AMD Opteron 165	899	1984	16.65	\$53.99*
AMD Opteron 170	1097	1854	NA	NA
AMD Opteron 175	1167	1817	NA	NA
AMD Opteron 180	1228	1785	9.45	\$129.95*
AMD Opteron 185	1371	1699	NA	NA
AMD Opteron 246	632	2108	12.64	\$49.99
AMD Opteron 248	476	2210	39.73	\$12.00
AMD Opteron 250	649	2099	59.01	\$11.00
AMD Opteron 252	760	2048	12.00	\$63.36
AMD Opteron 254	693	2082	NA	NA
AMD Opteron 256	963	1942	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 265	963	1943	6.02	\$159.95*
AMD Opteron 270	1083	1864	1.78	\$607.47*
AMD Opteron 275	1291	1743	11.74	\$109.95
AMD Opteron 280	1272	1760	1.60	\$796.67*
AMD Opteron 285	1470	1654	NA	NA
AMD Opteron 290	1464	1656	10.85	\$135.00*
AMD Opteron 1210	923	1970	NA	NA
AMD Opteron 1210 HE	971	1934	NA	NA
AMD Opteron 1212	1015	1901	3.50	\$290.00*
AMD Opteron 1212 HE	1308	1729	NA	NA
AMD Opteron 1214	1191	1804	4.11	\$290.00*
AMD Opteron 1214 HE	1299	1736	NA	NA
AMD Opteron 1216	1352	1709	24.66	\$54.85*
AMD Opteron 1216 HE	1172	1813	NA	NA
AMD Opteron 1218	1468	1655	NA	NA
AMD Opteron 1218 HE	1444	1669	NA	NA
AMD Opteron 1220	1653	1574	NA	NA
AMD Opteron 1222	1757	1513	NA	NA
AMD Opteron 1352	2368	1262	17.42	\$135.99*
AMD Opteron 1354	2608	1180	8.41	\$309.97*
AMD Opteron 1356	2765	1135	30.73	\$89.99*
AMD Opteron 1381	3065	1038	NA	NA
AMD Opteron 2212	1270	1762	105.89	\$12.00
AMD Opteron 2214	1358	1708	2.39	\$569.00*
AMD Opteron 2214 HE	1415	1680	NA	NA
AMD Opteron 2216	1518	1637	8.53	\$178.00*
AMD Opteron 2218	1594	1604	49.18	\$32.42*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2220	1701	1544	1.15	\$1,475.16
AMD Opteron 2220 SE	1398	1687	73.58	\$19.00
AMD Opteron 2222	1843	1474	1.11	\$1,664.98*
AMD Opteron 2224 SE	1919	1435	NA	NA
AMD Opteron 2350	2820	1119	10.45	\$269.99*
AMD Opteron 2356	2814	1120	188.25	\$14.95
AMD Opteron 2374 HE	2951	1074	15.53	\$189.99*
AMD Opteron 2376	2283	1294	152.20	\$15.00*
AMD Opteron 2378	3179	1005	17.76	\$179.00*
AMD Opteron 2380	2640	1168	105.64	\$25.00*
AMD Opteron 2384	3538	909	4.21	\$840.00*
AMD Opteron 2386 SE	3538	910	NA	NA
AMD Opteron 2393 SE	2246	1312	NA	NA
AMD Opteron 2427	3069	1036	32.26	\$95.14*
AMD Opteron 2431	4516	708	122.07	\$37.00
AMD Opteron 2435	4708	666	39.11	\$120.40*
AMD Opteron 3260 HE	3259	981	NA	NA
AMD Opteron 3280	5330	581	19.51	\$273.18*
AMD Opteron 3320 EE	2675	1162	NA	NA
AMD Opteron 3350 HE	4009	799	NA	NA
AMD Opteron 3365	5877	505	NA	NA
AMD Opteron 3380	6384	461	7.89	\$809.00

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4122	2942	1078	11.32	\$259.95
AMD Opteron 4162 EE	3166	1010	NA	NA
AMD Opteron 4184	4418	724	8.50	\$519.95*
AMD Opteron 4280	6430	456	14.09	\$456.44*
AMD Opteron 4284	6660	432	18.64	\$357.30*
AMD Opteron 4332 HE	5401	570	NA	NA
AMD Opteron 4365 EE	5025	618	NA	NA
AMD Opteron 6128	4542	703	62.17	\$73.06*
AMD Opteron 6134	2938	1079	4.93	\$595.95
AMD Opteron 6136	4631	681	12.90	\$359.00
AMD Opteron 6164 HE	5351	577	NA	NA
AMD Opteron 6174	6171	476	4.08	\$1,514.20*
AMD Opteron 6212	5776	517	27.57	\$209.50*
AMD Opteron 6234	5979	496	14.95	\$399.99*
AMD Opteron 6238	7316	378	6.72	\$1,088.11*
AMD Opteron 6272	6748	423	20.77	\$325.00
AMD Opteron 6274	4865	645	5.35	\$908.95
AMD Opteron 6276	9011	264	36.93	\$244.00
AMD Opteron 6282 SE	9116	253	8.36	\$1,089.99*
AMD Opteron 6287 SE	9671	212	NA	NA
AMD Opteron 6328	7813	341	15.32	\$509.99
AMD Opteron 6366 HE	7503	363	NA	NA
AMD Opteron 6376	9414	230	13.05	\$721.52
AMD Opteron 6378	2152	1347	5.40	\$399.00
AMD Opteron 6380	10082	183	25.86	\$389.86
AMD Opteron 6386 SE	10748	152	4.46	\$2,407.51*
AMD Opteron 8354	2255	1308	187.96	\$12.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 8439 SE	3813	843	NA	NA
AMD Opteron X3216 APU	2313	1278	NA	NA
AMD Opteron X3421 APU	5012	620	NA	NA
AMD Phenom 2 X4 12000	3005	1058	NA	NA
AMD Phenom 7950 Quad-Core	2991	1064	NA	NA
AMD Phenom 8250 Triple-Core	1644	1577	NA	NA
AMD Phenom 8250e Triple-Core	1602	1600	34.10	\$46.99*
AMD Phenom 8400 Triple-Core	1643	1578	NA	NA
AMD Phenom 8450 Triple-Core	1885	1456	62.96	\$29.95*
AMD Phenom 8450e Triple-Core	2035	1390	NA	NA
AMD Phenom 8600 Triple-Core	1697	1546	32.04	\$52.99*
AMD Phenom 8600B Triple-Core	1945	1424	36.71	\$52.99*
AMD Phenom 8650 Triple-Core	1992	1408	39.85	\$49.99*
AMD Phenom 8750 Triple-Core	2078	1376	NA	NA
AMD Phenom 8750B Triple-Core	2077	1378	NA	NA
AMD Phenom 8850 Triple-Core	2109	1363	NA	NA
AMD Phenom 8850B Triple-Core	2080	1375	NA	NA
AMD Phenom 9100e Quad-Core	1836	1479	45.96	\$39.95*
AMD Phenom 9150e Quad-Core	2124	1358	53.19	\$39.9
AMD Phenom 9350e Quad-Core	2320	1274	2.13	\$1,087
AMD Phenom 9450e Quad-Core	2621	1174	24.96	\$105.00
AMD Phenom 9500 Quad-Core	2212	1323	24.60	\$89.96*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9550 Quad-Core	2542	1203	63.63	\$39.95*
AMD Phenom 9600 Quad-Core	2303	1283	25.65	\$89.80
AMD Phenom 9600B Quad-Core	2577	1194	17.51	\$147.19*
AMD Phenom 9650 Quad-Core	2639	1169	48.04	\$54.95
AMD Phenom 9750 Quad-Core	2828	1115	47.18	\$59.95
AMD Phenom 9750B Quad-Core	2709	1154	NA	NA
AMD Phenom 9850 Quad-Core	2894	1092	57.88	\$50.00*
AMD Phenom 9850B Quad-Core	3160	1014	NA	NA
AMD Phenom 9950 Quad-Core	3021	1053	16.79	\$179.98*
AMD Phenom FX-5000 Quad-Core	2518	1211	NA	NA
AMD Phenom FX-5200 Quad-Core	2948	1076	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	889	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	922	NA	NA
AMD Phenom II N620 Dual-Core	1677	1557	42.10	\$39.86*
AMD Phenom II N640 Dual-Core	1736	1522	26.74	\$64.95*
AMD Phenom II N660 Dual-Core	1851	1472	18.70	\$99.00*
AMD Phenom II N830 3+1	2652	1165	NA	NA
AMD Phenom II N830 Triple-Core	1886	1455	NA	NA
AMD Phenom II N850 Triple-Core	1938	1429	77.56	\$25.00*
AMD Phenom II N870 Triple-Core	1969	1414	NA	NA
AMD Phenom II N930 Quad-Core	2268	1304	22.72	\$99.86*
AMD Phenom II N950 Quad-Core	2493	1219	22.14	\$112.60*
AMD Phenom II N970 Quad-Core	2515	1213	16.77	\$149.99*
AMD Phenom II P650 Dual-Core	1603	1598	45.81	\$35.00*
AMD Phenom II P820 Triple-Core	1611	1594	NA	NA
AMD Phenom II P840 Triple-Core	1731	1524	NA	NA
AMD Phenom II P860 Triple-Core	1759	1511	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II P920 Quad-Core	1881	1459	25.08	\$75.00*
AMD Phenom II P940 Quad-Core	1808	1490	NA	NA
AMD Phenom II P960 Quad-Core	2100	1368	75.00	\$28.00*
AMD Phenom II X2 511	2104	1365	NA	NA
AMD Phenom II X2 521	2093	1371	NA	NA
AMD Phenom II X2 545	1905	1442	38.16	\$49.95*
AMD Phenom II X2 550	2026	1393	15.19	\$133.39*
AMD Phenom II X2 555	2037	1388	6.79	\$299.95*
AMD Phenom II X2 560	2038	1386	18.54	\$109.95*
AMD Phenom II X2 565	2198	1329	17.60	\$124.95*
AMD Phenom II X2 570	1960	1418	NA	NA
AMD Phenom II X2 B53	1670	1565	NA	NA
AMD Phenom II X2 B55	1918	1436	39.96	\$48.00*
AMD Phenom II X2 B57	1884	1457	NA	NA
AMD Phenom II X2 B59	2154	1346	43.14	\$49.95*
AMD Phenom II X3 700e	2266	1305	NA	NA
AMD Phenom II X3 705e	2227	1321	14.63	\$152.34*
AMD Phenom II X3 710	2449	1231	28.97	\$84.53*
AMD Phenom II X3 715	2649	1166	31.17	\$84.9
AMD Phenom II X3 720	2689	1160	35.86	\$74.95
AMD Phenom II X3 740	3002	1059	33.75	\$88.99
AMD Phenom II X3 B73	2749	1142	36.66	\$75.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 B75	2949	1075	NA	NA
AMD Phenom II X3 B77	3067	1037	NA	NA
AMD Phenom II X4 805	2999	1060	17.24	\$173.99*
AMD Phenom II X4 810	3134	1022	27.02	\$115.99*
AMD Phenom II X4 820	3426	940	38.08	\$89.99*
AMD Phenom II X4 830	3462	930	43.31	\$79.95*
AMD Phenom II X4 840	3513	915	39.06	\$89.95*
AMD Phenom II X4 840T	3617	888	45.24	\$79.95*
AMD Phenom II X4 850	3548	907	31.83	\$111.49*
AMD Phenom II X4 900e	2853	1106	NA	NA
AMD Phenom II X4 905e	3103	1028	14.61	\$212.38*
AMD Phenom II X4 910	3268	976	32.68	\$100.00*
AMD Phenom II X4 910e	3298	971	21.01	\$156.99*
AMD Phenom II X4 920	3414	944	48.78	\$69.99
AMD Phenom II X4 925	3433	939	21.46	\$159.99*
AMD Phenom II X4 940	3611	891	30.10	\$119.99*
AMD Phenom II X4 945	3685	876	12.80	\$287.89*
AMD Phenom II X4 955	3953	812	30.37	\$130.16*
AMD Phenom II X4 960T	3806	845	28.20	\$134.99*
AMD Phenom II X4 965	4210	761	64.82	\$64.95
AMD Phenom II X4 970	4366	736	25.40	\$171.91*
AMD Phenom II X4 973	3759	859	NA	NA
AMD Phenom II X4 975	4515	709	34.74	\$129.99*
AMD Phenom II X4 977	3750	861	NA	NA
AMD Phenom II X4 980	4510	710	33.01	\$136.64*
AMD Phenom II X4 8700e	2377	1259	NA	NA
AMD Phenom II X4 B05e	2781	1128	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B15e	2736	1147	NA	NA
AMD Phenom II X4 B25	3439	937	NA	NA
AMD Phenom II X4 B35	3443	933	NA	NA
AMD Phenom II X4 B40	3422	941	NA	NA
AMD Phenom II X4 B45	3475	927	NA	NA
AMD Phenom II X4 B50	3709	869	NA	NA
AMD Phenom II X4 B55	3878	828	NA	NA
AMD Phenom II X4 B60	4053	789	NA	NA
AMD Phenom II X4 B65	4177	774	NA	NA
AMD Phenom II X4 B70	4261	752	NA	NA
AMD Phenom II X4 B93	3358	956	NA	NA
AMD Phenom II X4 B95	3733	864	51.18	\$72.95*
AMD Phenom II X4 B97	3909	824	48.90	\$79.95*
AMD Phenom II X4 B99	4166	777	NA	NA
AMD Phenom II X6 1035T	4690	670	24.82	\$189.00*
AMD Phenom II X6 1045T	4840	649	27.66	\$175.00*
AMD Phenom II X6 1055T	4993	623	26.99	\$185.00*
AMD Phenom II X6 1065T	5085	608	NA	NA
AMD Phenom II X6 1075T	5372	573	20.66	\$259.00*
AMD Phenom II X6 1090T	5614	538	14.17	\$396.00*
AMD Phenom II X6 1100T	5770	518	24.66	\$233.99*
AMD Phenom II X620 Dual-Core	2189	1332	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X640 Dual-Core	2021	1396	NA	NA
AMD Phenom II X920 Quad-Core	2638	1170	NA	NA
AMD Phenom II X940 Quad-Core	2695	1157	NA	NA
AMD Phenom Ultra X4 24500	3945	816	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1548	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	1327	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	1514	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1809	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	1672	NA	NA
AMD Phenom X3 8550	1930	1432	11.36	\$169.95*
AMD Phenom X4 Quad-Core GP-9500	1757	1512	NA	NA
AMD Phenom X4 Quad-Core GP-9530	1994	1406	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1317	NA	NA
AMD Phenom X4 Quad-Core GP-9730	2812	1121	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1152	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1159	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1796	NA	NA
AMD PRO A4-3350B APU	2833	1113	NA	NA
AMD PRO A4-8350B	2881	1100	NA	NA
AMD PRO A6-8500B	2516	1212	NA	NA
AMD PRO A6-8530B	2435	1235	NA	NA
AMD PRO A6-8550B	3042	1048	NA	NA
AMD PRO A6-8570	3049	1047	NA	NA
AMD PRO A6-8570E	2906	1088	NA	NA
AMD PRO A6-9500	3262	979	44.09	\$74.00*
AMD PRO A6-9500B	2382	1255	NA	NA
AMD PRO A6-9500E	2752	1141	37.20	\$74.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD PRO A8-8600B	3850	831	NA	NA
AMD PRO A8-8650B	5457	562	NA	NA
AMD PRO A8-9600	5342	579	44.89	\$119.00*
AMD PRO A8-9600B	4021	797	NA	NA
AMD PRO A10-8700B	3630	886	NA	NA
AMD PRO A10-8730B	4006	803	NA	NA
AMD PRO A10-8750B	5653	533	NA	NA
AMD PRO A10-8770	5742	525	NA	NA
AMD PRO A10-8770E	4881	640	NA	NA
AMD PRO A10-8850B	5848	511	NA	NA
AMD PRO A10-9700	5742	524	33.98	\$169.00*
AMD PRO A10-9700E	5083	609	36.57	\$139.00*
AMD PRO A12-8800B	4201	764	NA	NA
AMD PRO A12-8830B	4109	783	NA	NA
AMD PRO A12-8870	6177	475	NA	NA
AMD PRO A12-8870E	4814	656	NA	NA
AMD PRO A12-9800	6199	472	36.68	\$169.00*
AMD PRO A12-9800B	4428	718	NA	NA
AMD PRO A12-9800E	4812	657	28.47	\$169.00*
AMD QC-4000	1642	1579	NA	NA
AMD R-260H APU	1576	1611	NA	NA
AMD R-460L APU	1954	1419	NA	NA



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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD R-464L APU	2976	1067	NA	NA
AMD RX-427BB	4470	714	NA	NA
AMD Ryzen 3 1200	6807	420	61.89	\$109.99
AMD Ryzen 3 1300X	7261	381	55.86	\$129.99
AMD Ryzen 3 PRO 1200	7185	387	NA	NA
AMD Ryzen 3 PRO 1300	8173	312	NA	NA
AMD Ryzen 5 1400	8448	299	62.58	\$134.99
AMD Ryzen 5 1500X	10475	161	67.59	\$154.99
AMD Ryzen 5 1600	12349	119	61.75	\$199.99
AMD Ryzen 5 1600X	13356	102	65.15	\$204.99
AMD Ryzen 5 PRO 1500	10784	151	NA	NA
AMD Ryzen 5 PRO 1600	12213	124	NA	NA
AMD Ryzen 7 1700	13771	94	48.32	\$284.99
AMD Ryzen 7 1700X	14638	76	48.80	\$299.99
AMD Ryzen 7 1800X	15436	65	38.68	\$399.09
AMD Ryzen 7 PRO 1700	14793	72	NA	NA
AMD Ryzen 7 PRO 1700X	15433	66	NA	NA
AMD Ryzen Threadripper 1900X	15813	62	35.14	\$449.99
AMD Ryzen Threadripper 1920X	19665	24	28.53	\$689.19
AMD Ryzen Threadripper 1950X	22158	10	25.18	\$879.99
AMD Sempron 130	656	2097	26.29	\$24.99*
AMD Sempron 140	739	2056	18.67	\$39.59*
AMD Sempron 145	810	2030	8.54	\$94.92
AMD Sempron 150	701	2078	15.60	\$44.95
AMD Sempron 200U	267	2463	3.08	\$87.00*
AMD Sempron 210U	382	2312	NA	NA
AMD Sempron 2100+	392	2304	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2200+	281	2447	9.38	\$29.99*
AMD Sempron 2300+	318	2381	7.07	\$45.00*
AMD Sempron 2400+	313	2389	11.62	\$27.00*
AMD Sempron 2500+	335	2365	4.20	\$79.95*
AMD Sempron 2600+	374	2323	12.49	\$29.95
AMD Sempron 2650 APU	935	1967	24.49	\$38.20
AMD Sempron 2800+	384	2311	6.41	\$59.95
AMD Sempron 3000+	408	2279	20.43	\$20.00
AMD Sempron 3100+	452	2234	7.53	\$60.00*
AMD Sempron 3200+	402	2290	30.94	\$13.00
AMD Sempron 3300+	484	2204	16.14	\$30.00
AMD Sempron 3400+	455	2232	32.51	\$14.00
AMD Sempron 3500+	384	2310	2.31	\$166.80*
AMD Sempron 3600+	489	2194	40.78	\$12.00
AMD Sempron 3800+	554	2148	26.39	\$21.00
AMD Sempron 3850 APU	1701	1541	35.25	\$48.28
AMD Sempron Dual Core 2100	869	1997	22.29	\$39.00*
AMD Sempron Dual Core 2200	995	1919	NA	NA
AMD Sempron Dual Core 2300	982	1928	23.39	\$41.9
AMD Sempron Dual Core 4700	948	1954	NA	NA
AMD Sempron Dual Core 4900	1081	1866	NA	NA
AMD Sempron LE-250	490	2193	NA	NA



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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron LE-1100	436	2252	NA	NA
AMD Sempron LE-1150	434	2256	NA	NA
AMD Sempron LE-1200	526	2166	NA	NA
AMD Sempron LE-1250	539	2157	18.59	\$28.99*
AMD Sempron LE-1300	617	2115	51.46	\$12.00
AMD Sempron LE-1600	535	2160	NA	NA
AMD Sempron LE-1620	635	2107	NA	NA
AMD Sempron LE-1640	759	2049	NA	NA
AMD Sempron M100	554	2147	46.22	\$12.00
AMD Sempron M120	574	2138	NA	NA
AMD Sempron SI-40	437	2248	36.49	\$12.00
AMD Sempron SI-42	455	2231	37.95	\$12.00
AMD Sempron X2 180	1222	1790	17.62	\$69.40*
AMD Sempron X2 190	1529	1630	18.33	\$83.44*
AMD Sempron X2 198 Dual-Core	1413	1681	NA	NA
AMD Turion 64 Mobile MK-36	466	2216	NA	NA
AMD Turion 64 Mobile MK-38	512	2175	NA	NA
AMD Turion 64 Mobile ML-28	390	2307	NA	NA
AMD Turion 64 Mobile ML-30	402	2288	NA	NA
AMD Turion 64 Mobile ML-32	410	2276	NA	NA
AMD Turion 64 Mobile ML-34	425	2266	NA	NA
AMD Turion 64 Mobile ML-37	447	2240	2.28	\$196.50*
AMD Turion 64 Mobile ML-40	520	2169	NA	NA
AMD Turion 64 Mobile ML-42	615	2116	NA	NA
AMD Turion 64 Mobile ML-44	591	2128	NA	NA
AMD Turion 64 Mobile MT-28	419	2267	NA	NA
AMD Turion 64 Mobile MT-30	378	2316	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 Mobile MT-32	426	2265	NA	NA
AMD Turion 64 Mobile MT-34	429	2262	NA	NA
AMD Turion 64 Mobile MT-37	484	2203	NA	NA
AMD Turion 64 Mobile MT-40	536	2159	NA	NA
AMD Turion 64 X2 Mobile TL-50	750	2052	15.01	\$49.99*
AMD Turion 64 X2 Mobile TL-52	762	2046	NA	NA
AMD Turion 64 X2 Mobile TL-56	882	1990	44.12	\$20.00*
AMD Turion 64 X2 Mobile TL-58	947	1955	NA	NA
AMD Turion 64 X2 Mobile TL-60	987	1926	54.70	\$18.05*
AMD Turion 64 X2 Mobile TL-62	1093	1857	3.52	\$311.00*
AMD Turion 64 X2 Mobile TL-64	1122	1836	28.49	\$39.39*
AMD Turion 64 X2 Mobile TL-66	1112	1842	2.94	\$378.00*
AMD Turion 64 X2 Mobile TL-68	1149	1828	12.77	\$90.00*
AMD Turion Dual-Core RM-70	895	1986	59.70	\$15.00*
AMD Turion Dual-Core RM-72	860	2000	22.65	\$38.00*
AMD Turion Dual-Core RM-74	1016	1900	NA	NA
AMD Turion Dual-Core RM-75	961	1946	34.41	\$27.95*
AMD Turion II Dual-Core Mobile M500	1298	1738	NA	NA
AMD Turion II Dual-Core Mobile M520	1307	1731	18.92	\$69.1
AMD Turion II Dual-Core Mobile M540	1307	1730	NA	NA
AMD Turion II N530 Dual-Core	1583	1607	52.78	\$30.00*
AMD Turion II N550 Dual-Core	1521	1634	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II Neo K625 Dual-Core	973	1932	NA	NA
AMD Turion II Neo K685 Dual-Core	1186	1806	NA	NA
AMD Turion II Neo N40L Dual-Core	916	1976	NA	NA
AMD Turion II Neo N54L Dual-Core	1378	1696	NA	NA
AMD Turion II P520 Dual-Core	1359	1707	NA	NA
AMD Turion II P540 Dual-Core	1449	1666	29.02	\$49.96*
AMD Turion II P560 Dual-Core	1508	1640	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1400	1685	51.12	\$27.40*
AMD Turion II Ultra Dual-Core Mobile M620	1423	1678	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1669	1566	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	1628	NA	NA
AMD Turion Neo X2 Dual Core L625	822	2022	NA	NA
AMD Turion X2 Dual Core L510	871	1995	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	939	1964	7.08	\$132.56*
AMD Turion X2 Dual Core Mobile RM-76	1041	1886	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	990	1923	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1087	1861	4.85	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1055	1877	42.29	\$24.95*
AMD Turion X2 Dual-Core Mobile RM-75	1148	1829	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1230	1784	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1010	1905	77.73	\$13.00*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1071	1870	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1212	1794	94.46	\$12.84
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1232	1783	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1279	1755	42.72	\$29.95*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1344	1715	33.66	\$39.95*
AMD TurionX2 Dual Core Mobile RM-70	988	1924	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD TurionX2 Dual Core Mobile RM-72	1112	1843	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1665	NA	NA
AMD V105	274	2457	NA	NA
AMD V120	631	2109	NA	NA
AMD V140	641	2104	49.35	\$13.00*
AMD V160	680	2087	NA	NA
AMD Z-01	523	2167	NA	NA
AMD Z-60 APU	485	2200	NA	NA
AMD-K6 3D	90	2584	NA	NA
AMD-K6-III	108	2581	NA	NA
AMD-K7	403	2287	NA	NA
Athlon 64 Dual Core 3800+	1234	1782	NA	NA
Athlon 64 Dual Core 4200+	1156	1822	NA	NA
Athlon 64 Dual Core 4800+	1370	1701	NA	NA
Athlon 64 Dual Core 5000+	1497	1644	NA	NA
Athlon 64 Dual Core 5400+	1614	1591	NA	NA
Athlon 64 Dual Core 5600+	1548	1621	NA	NA
Athlon Dual Core 4050e	968	1938	NA	NA
Athlon Dual Core 4450e	1081	1867	NA	NA
Athlon Dual Core 4850e	1327	1721	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1109	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1084	1863	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Celeron Dual-Core T3100 @ 1.90GHz	1179	1810	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1208	1797	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1282	1753	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	1798	NA	NA
HP Hexa-Core 2.0GHz	2178	1338	4.32	\$504.27*
Intel 1300 @ 1.66GHz	857	2002	NA	NA
Intel 1400 @ 1.83GHz	980	1930	NA	NA
Intel 1500 @ 2.00GHz	1024	1896	NA	NA
Intel Atom 230 @ 1.60GHz	307	2398	NA	NA
Intel Atom 330 @ 1.60GHz	591	2127	NA	NA
Intel Atom C2338 @ 1.74GHz	898	1985	NA	NA
Intel Atom C2358 @ 1.74GHz	961	1948	NA	NA
Intel Atom C2550 @ 2.40GHz	2329	1271	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1341	15.95	\$136.00*
Intel Atom C2750 @ 2.40GHz	3800	848	16.38	\$232.00*
Intel Atom C2750 @ 2.41GHz	3344	957	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1013	14.72	\$214.86*
Intel Atom D410 @ 1.66GHz	310	2394	0.49	\$635.99*
Intel Atom D425 @ 1.80GHz	340	2361	0.34	\$992.98*
Intel Atom D510 @ 1.66GHz	652	2098	6.72	\$97.16*
Intel Atom D525 @ 1.80GHz	702	2077	NA	NA
Intel Atom D2500 @ 1.86GHz	406	2282	NA	NA
Intel Atom D2550 @ 1.86GHz	672	2091	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2069	NA	NA
Intel Atom D2700 @ 2.13GHz	844	2010	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2065	NA	NA
Intel Atom E660 @ 1.30GHz	271	2459	5.03	\$54.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom E680 @ 1.60GHz	346	2355	NA	NA
Intel Atom E3815 @ 1.46GHz	362	2339	2.79	\$129.99
Intel Atom E3825 @ 1.33GHz	564	2145	8.03	\$70.32*
Intel Atom E3826 @ 1.46GHz	489	2195	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2007	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	1820	NA	NA
Intel Atom E3845 @ 1.91GHz	1474	1652	NA	NA
Intel Atom E3950 @ 1.60GHz	2034	1391	NA	NA
Intel Atom K510 @ 1.66GHz	658	2096	NA	NA
Intel Atom N270 @ 1.60GHz	270	2460	NA	NA
Intel Atom N280 @ 1.66GHz	286	2434	NA	NA
Intel Atom N435 @ 1.33GHz	236	2500	NA	NA
Intel Atom N450 @ 1.66GHz	297	2415	NA	NA
Intel Atom N455 @ 1.66GHz	286	2435	NA	NA
Intel Atom N470 @ 1.83GHz	307	2399	NA	NA
Intel Atom N475 @ 1.83GHz	314	2386	NA	NA
Intel Atom N550 @ 1.50GHz	523	2168	6.08	\$86.00*
Intel Atom N570 @ 1.66GHz	573	2139	6.67	\$86.00*
Intel Atom N2100 @ 1.60GHz	309	2395	NA	NA
Intel Atom N2600 @ 1.60GHz	526	2165	NA	NA
Intel Atom N2800 @ 1.86GHz	619	2114	NA	NA
Intel Atom S1260 @ 2.00GHz	916	1975	14.32	\$64.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom x5-E3930 @ 1.30GHz	811	2029	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1609	1595	NA	NA
Intel Atom x5-Z8300 @ 1.44GHz	1201	1800	9.03	\$132.99*
Intel Atom x5-Z8330 @ 1.44GHz	1012	1902	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1001	1914	NA	NA
Intel Atom x5-Z8500 @ 1.44GHz	1692	1550	27.04	\$62.57*
Intel Atom x5-Z8550 @ 1.44GHz	1873	1465	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1912	1437	25.97	\$73.63*
Intel Atom x7-Z8750 @ 1.60GHz	1892	1447	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2536	4.33	\$45.00*
Intel Atom Z515 @ 1.20GHz	218	2516	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2518	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2446	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2352	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2313	NA	NA
Intel Atom Z670 @ 1.50GHz	249	2487	NA	NA
Intel Atom Z2760 @ 1.80GHz	570	2143	NA	NA
Intel Atom Z3735D @ 1.33GHz	914	1977	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	1969	7.93	\$117.00*
Intel Atom Z3735F @ 1.33GHz	909	1980	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	1979	NA	NA
Intel Atom Z3736F @ 1.33GHz	920	1973	NA	NA
Intel Atom Z3740 @ 1.33GHz	1062	1874	NA	NA
Intel Atom Z3740D @ 1.33GHz	1020	1898	NA	NA
Intel Atom Z3745 @ 1.33GHz	1071	1872	NA	NA
Intel Atom Z3745D @ 1.33GHz	1058	1876	NA	NA
Intel Atom Z3770 @ 1.46GHz	1241	1778	8.31	\$149.44*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z3770D @ 1.49GHz	805	2032	NA	NA
Intel Atom Z3775 @ 1.46GHz	1247	1774	35.66	\$35.00*
Intel Atom Z3775D @ 1.49GHz	1278	1756	NA	NA
Intel Atom Z3795 @ 1.60GHz	1772	1505	NA	NA
Intel Celeron 1.70GHz	130	2575	NA	NA
Intel Celeron 1.80GHz	136	2572	NA	NA
Intel Celeron 2.00GHz	184	2546	NA	NA
Intel Celeron 2.10GHz	244	2493	NA	NA
Intel Celeron 2.13GHz	210	2522	NA	NA
Intel Celeron 2.20GHz	213	2520	NA	NA
Intel Celeron 2.26GHz	223	2510	NA	NA
Intel Celeron 2.30GHz	227	2508	NA	NA
Intel Celeron 2.40GHz	218	2517	NA	NA
Intel Celeron 2.50GHz	253	2480	NA	NA
Intel Celeron 2.53GHz	245	2491	NA	NA
Intel Celeron 2.60GHz	238	2497	NA	NA
Intel Celeron 2.66GHz	251	2484	NA	NA
Intel Celeron 2.70GHz	245	2492	NA	NA
Intel Celeron 2.80GHz	254	2478	NA	NA
Intel Celeron 2.93GHz	285	2437	NA	NA
Intel Celeron 3.06GHz	285	2436	NA	NA
Intel Celeron 3.20GHz	289	2426	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 3.33GHz	333	2368	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2376	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2379	NA	NA
Intel Celeron 420 @ 1.60GHz	452	2233	13.01	\$34.78*
Intel Celeron 430 @ 1.80GHz	491	2190	6.15	\$79.95
Intel Celeron 440 @ 2.00GHz	537	2158	7.17	\$74.99
Intel Celeron 450 @ 2.20GHz	624	2113	NA	NA
Intel Celeron 530 @ 1.73GHz	468	2215	20.36	\$23.00*
Intel Celeron 540 @ 1.86GHz	511	2178	NA	NA
Intel Celeron 550 @ 2.00GHz	498	2186	38.38	\$13.00*
Intel Celeron 560 @ 2.13GHz	534	2161	6.68	\$79.95
Intel Celeron 570 @ 2.26GHz	526	2164	NA	NA
Intel Celeron 600MHz	147	2569	NA	NA
Intel Celeron 723 @ 1.20GHz	408	2278	NA	NA
Intel Celeron 743 @ 1.30GHz	433	2259	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2051	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2328	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2117	NA	NA
Intel Celeron 847 @ 1.10GHz	940	1962	2.99	\$315.00*
Intel Celeron 847E @ 1.10GHz	1026	1894	NA	NA
Intel Celeron 857 @ 1.20GHz	1172	1814	NA	NA
Intel Celeron 867 @ 1.30GHz	1199	1801	NA	NA
Intel Celeron 877 @ 1.40GHz	1290	1744	NA	NA
Intel Celeron 887 @ 1.50GHz	1297	1739	NA	NA
Intel Celeron 900 @ 2.20GHz	678	2088	23.41	\$28.99
Intel Celeron 925 @ 2.30GHz	697	2081	NA	NA
Intel Celeron 1000M @ 1.80GHz	1668	1568	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1000MHz	241	2495	NA	NA
Intel Celeron 1005M @ 1.90GHz	1838	1478	NA	NA
Intel Celeron 1007U @ 1.50GHz	1398	1686	7.56	\$184.99*
Intel Celeron 1017U @ 1.60GHz	1541	1624	NA	NA
Intel Celeron 1019Y @ 1.00GHz	941	1959	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1318	NA	NA
Intel Celeron 1037U @ 1.80GHz	1732	1523	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1805	NA	NA
Intel Celeron 1066MHz	259	2472	NA	NA
Intel Celeron 1100MHz	174	2554	NA	NA
Intel Celeron 1133MHz	282	2440	NA	NA
Intel Celeron 1200MHz	244	2494	NA	NA
Intel Celeron 1300MHz	288	2430	NA	NA
Intel Celeron 1333MHz	290	2423	NA	NA
Intel Celeron 1400MHz	302	2408	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1263	NA	NA
Intel Celeron 2950M @ 2.00GHz	2008	1401	NA	NA
Intel Celeron 2955U @ 1.40GHz	1440	1670	NA	NA
Intel Celeron 2957U @ 1.40GHz	1457	1663	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	1845	NA	NA
Intel Celeron 2970M @ 2.20GHz	2304	1281	NA	NA
Intel Celeron 2980U @ 1.60GHz	1563	1616	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2981U @ 1.60GHz	1576	1612	NA	NA
Intel Celeron 3205U @ 1.50GHz	1544	1623	6.16	\$250.73*
Intel Celeron 3215U @ 1.70GHz	1657	1572	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1539	NA	NA
Intel Celeron 3765U @ 1.90GHz	2038	1387	NA	NA
Intel Celeron 3855U @ 1.60GHz	1718	1532	NA	NA
Intel Celeron 3865U @ 1.80GHz	1679	1555	NA	NA
Intel Celeron 3955U @ 2.00GHz	1728	1525	NA	NA
Intel Celeron @ 1.30GHz	965	1940	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2542	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2027	NA	NA
Intel Celeron B800 @ 1.50GHz	1286	1749	NA	NA
Intel Celeron B810 @ 1.60GHz	1385	1692	NA	NA
Intel Celeron B815 @ 1.60GHz	1376	1697	NA	NA
Intel Celeron B820 @ 1.70GHz	1425	1676	36.28	\$39.29*
Intel Celeron B830 @ 1.80GHz	1531	1629	NA	NA
Intel Celeron B840 @ 1.90GHz	1724	1529	NA	NA
Intel Celeron D 347 @ 3.06GHz	276	2452	NA	NA
Intel Celeron D 352 @ 3.20GHz	305	2402	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2383	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2367	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2285	4.50	\$89.95*
Intel Celeron D 420 @ 1.60GHz	481	2206	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2131	NA	NA
Intel Celeron E1200 @ 1.60GHz	861	1999	21.55	\$39.99
Intel Celeron E1400 @ 2.00GHz	1035	1888	12.96	\$79.95
Intel Celeron E1500 @ 2.20GHz	1155	1823	18.28	\$63.25*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron E1600 @ 2.40GHz	1260	1766	NA	NA
Intel Celeron E3200 @ 2.40GHz	1386	1691	26.66	\$51.99*
Intel Celeron E3300 @ 2.50GHz	1389	1690	19.86	\$70.00
Intel Celeron E3400 @ 2.60GHz	1436	1671	18.78	\$76.47*
Intel Celeron E3500 @ 2.70GHz	1454	1664	46.91	\$31.00
Intel Celeron G440 @ 1.60GHz	698	2080	5.59	\$125.00
Intel Celeron G460 @ 1.80GHz	1028	1891	15.83	\$65.00
Intel Celeron G465 @ 1.90GHz	1054	1878	13.19	\$80.00
Intel Celeron G470 @ 2.00GHz	1306	1732	NA	NA
Intel Celeron G530 @ 2.40GHz	2145	1350	30.65	\$69.99
Intel Celeron G530T @ 2.00GHz	1604	1597	NA	NA
Intel Celeron G540 @ 2.50GHz	2206	1326	26.91	\$81.99
Intel Celeron G540T @ 2.10GHz	2114	1361	NA	NA
Intel Celeron G550 @ 2.60GHz	2291	1290	114.63	\$19.99
Intel Celeron G550T @ 2.20GHz	2073	1379	NA	NA
Intel Celeron G555 @ 2.70GHz	2422	1239	22.03	\$109.99
Intel Celeron G1101 @ 2.27GHz	1727	1526	20.33	\$85.00*
Intel Celeron G1610 @ 2.60GHz	2498	1218	99.97	\$24.99
Intel Celeron G1610T @ 2.30GHz	2322	1272	58.01	\$40.00
Intel Celeron G1620 @ 2.70GHz	2581	1190	31.14	\$82.92
Intel Celeron G1620T @ 2.40GHz	2353	1267	56.03	\$42.00
Intel Celeron G1630 @ 2.80GHz	2488	1220	38.87	\$64.01

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1820 @ 2.70GHz	2771	1130	33.02	\$83.94*
Intel Celeron G1820T @ 2.40GHz	2502	1216	59.58	\$42.00*
Intel Celeron G1820TE @ 2.20GHz	2132	1354	NA	NA
Intel Celeron G1830 @ 2.80GHz	2583	1188	36.39	\$70.99*
Intel Celeron G1840 @ 2.80GHz	2883	1099	32.15	\$89.69
Intel Celeron G1840T @ 2.50GHz	2605	1181	NA	NA
Intel Celeron G1850 @ 2.90GHz	2879	1102	35.99	\$80.00
Intel Celeron G3900 @ 2.80GHz	3058	1043	72.88	\$41.96
Intel Celeron G3900E @ 2.40GHz	2707	1155	NA	NA
Intel Celeron G3900T @ 2.60GHz	2902	1090	NA	NA
Intel Celeron G3920 @ 2.90GHz	3412	945	74.03	\$46.09
Intel Celeron G3930 @ 2.90GHz	3053	1044	NA	NA
Intel Celeron G3950 @ 3.00GHz	3334	961	26.46	\$126.03*
Intel Celeron J1750 @ 2.41GHz	1037	1887	NA	NA
Intel Celeron J1800 @ 2.41GHz	1031	1890	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1592	NA	NA
Intel Celeron J1900 @ 1.99GHz	1863	1468	NA	NA
Intel Celeron J3060 @ 1.60GHz	969	1936	NA	NA
Intel Celeron J3160 @ 1.60GHz	1796	1496	NA	NA
Intel Celeron J3355 @ 2.00GHz	1290	1747	NA	NA
Intel Celeron J3455 @ 1.50GHz	2170	1339	9.29	\$233.52*
Intel Celeron M 1.00GHz	207	2528	6.73	\$30.80
Intel Celeron M 1.30GHz	316	2382	NA	NA
Intel Celeron M 1.50GHz	346	2354	NA	NA
Intel Celeron M 1.60GHz	365	2335	NA	NA
Intel Celeron M 1.70GHz	393	2303	NA	NA
Intel Celeron M 360 1.40GHz	327	2373	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 410 @ 1.46GHz	315	2384	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2362	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2331	NA	NA
Intel Celeron M 440 @ 1.86GHz	415	2272	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2479	NA	NA
Intel Celeron M 450 @ 2.00GHz	455	2230	NA	NA
Intel Celeron M 520 @ 1.60GHz	434	2257	NA	NA
Intel Celeron M 530 @ 1.73GHz	459	2225	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	2153	NA	NA
Intel Celeron M 600MHz	151	2567	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2229	NA	NA
Intel Celeron M 900MHz	207	2527	NA	NA
Intel Celeron M 1200MHz	275	2456	NA	NA
Intel Celeron M 1300MHz	303	2405	NA	NA
Intel Celeron M 1500MHz	332	2369	NA	NA
Intel Celeron M ULV 800MHz	184	2548	NA	NA
Intel Celeron N2805 @ 1.46GHz	457	2227	NA	NA
Intel Celeron N2806 @ 1.60GHz	779	2037	NA	NA
Intel Celeron N2807 @ 1.58GHz	855	2005	NA	NA
Intel Celeron N2808 @ 1.58GHz	936	1966	NA	NA
Intel Celeron N2810 @ 2.00GHz	774	2040	4.14	\$186.99
Intel Celeron N2815 @ 1.86GHz	859	2001	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2820 @ 2.13GHz	961	1947	6.87	\$140.00
Intel Celeron N2830 @ 2.16GHz	951	1953	NA	NA
Intel Celeron N2840 @ 2.16GHz	1011	1903	NA	NA
Intel Celeron N2910 @ 1.60GHz	1219	1791	NA	NA
Intel Celeron N2920 @ 1.86GHz	1509	1639	NA	NA
Intel Celeron N2930 @ 1.83GHz	1642	1580	NA	NA
Intel Celeron N2940 @ 1.83GHz	1741	1520	NA	NA
Intel Celeron N3000 @ 1.04GHz	907	1982	NA	NA
Intel Celeron N3010 @ 1.04GHz	962	1945	NA	NA
Intel Celeron N3050 @ 1.60GHz	884	1989	3.16	\$279.99
Intel Celeron N3060 @ 1.60GHz	991	1922	NA	NA
Intel Celeron N3150 @ 1.60GHz	1668	1567	NA	NA
Intel Celeron N3160 @ 1.60GHz	1694	1549	NA	NA
Intel Celeron N3350 @ 1.10GHz	1118	1837	NA	NA
Intel Celeron N3450 @ 1.10GHz	1783	1501	NA	NA
Intel Celeron P4500 @ 1.87GHz	1152	1826	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	1920	NA	NA
Intel Celeron P4600 @ 2.00GHz	1349	1712	NA	NA
Intel Celeron SU2300 @ 1.20GHz	776	2039	NA	NA
Intel Celeron T1600 @ 1.66GHz	945	1958	47.30	\$19.99*
Intel Celeron T1700 @ 1.83GHz	1058	1875	17.65	\$59.95*
Intel Celeron U1900 @ 1.99GHz	1704	1538	NA	NA
Intel Celeron U3400 @ 1.07GHz	727	2061	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2084	NA	NA
Intel Celeron U3600 @ 1.20GHz	805	2031	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1047	1879	6.63	\$157.95
Intel Core2 Duo E4400 @ 2.00GHz	1159	1821	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	1758	8.07	\$157.95
Intel Core2 Duo E4600 @ 2.40GHz	1385	1693	8.77	\$157.95
Intel Core2 Duo E4700 @ 2.60GHz	1483	1648	14.83	\$100.00*
Intel Core2 Duo E6300 @ 1.86GHz	1111	1844	7.04	\$157.95
Intel Core2 Duo E6320 @ 1.86GHz	1192	1803	NA	NA
Intel Core2 Duo E6400 @ 2.13GHz	1296	1741	8.21	\$157.95
Intel Core2 Duo E6420 @ 2.13GHz	1361	1706	8.62	\$157.95
Intel Core2 Duo E6540 @ 2.33GHz	1464	1658	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1498	1643	124.86	\$12.00
Intel Core2 Duo E6600 @ 2.40GHz	1554	1618	9.84	\$157.95
Intel Core2 Duo E6700 @ 2.66GHz	1697	1547	14.63	\$115.99
Intel Core2 Duo E6750 @ 2.66GHz	1719	1531	27.74	\$61.99*
Intel Core2 Duo E6850 @ 3.00GHz	1951	1420	29.80	\$65.50
Intel Core2 Duo E7200 @ 2.53GHz	1635	1583	10.35	\$157.95
Intel Core2 Duo E7300 @ 2.66GHz	1727	1527	78.56	\$21.99*
Intel Core2 Duo E7400 @ 2.80GHz	1778	1503	11.26	\$157.95
Intel Core2 Duo E7500 @ 2.93GHz	1876	1462	134.15	\$13.99
Intel Core2 Duo E7600 @ 3.06GHz	1997	1405	13.32	\$149.95*
Intel Core2 Duo E8135 @ 2.40GHz	1523	1633	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1765	1509	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1887	1454	11.95	\$157.95
Intel Core2 Duo E8235 @ 2.80GHz	1945	1423	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8290 @ 2.83GHz	2353	1266	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1999	1404	142.89	\$13.99
Intel Core2 Duo E8335 @ 2.66GHz	1810	1488	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1355	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2158	1345	110.67	\$19.50
Intel Core2 Duo E8435 @ 3.06GHz	2127	1357	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2290	1291	114.59	\$19.99
Intel Core2 Duo E8600 @ 3.33GHz	2411	1244	104.88	\$22.99
Intel Core2 Duo E8700 @ 3.50GHz	2212	1324	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	727	2060	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2085	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	841	2012	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2009	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	962	1944	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	965	1941	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	1838	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1069	1873	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1336	1717	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1299	1735	65.03	\$19.99*
Intel Core2 Duo P7370 @ 2.00GHz	1301	1734	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1426	1675	35.67	\$39.99*
Intel Core2 Duo P7500 @ 1.60GHz	945	1956	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1520	1635	6.61	\$229.99*
Intel Core2 Duo P7570 @ 2.26GHz	1447	1668	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	1897	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1458	1662	4.91	\$297.01*
Intel Core2 Duo P8600 @ 2.40GHz	1538	1625	31.28	\$49.18*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P8700 @ 2.53GHz	1636	1582	43.08	\$37.99*
Intel Core2 Duo P8800 @ 2.66GHz	1749	1517	30.70	\$56.99*
Intel Core2 Duo P9300 @ 2.26GHz	1586	1606	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1769	1507	1.77	\$998.99*
Intel Core2 Duo P9600 @ 2.53GHz	1772	1506	17.90	\$99.00*
Intel Core2 Duo P9600 @ 2.66GHz	1873	1466	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2009	1400	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2129	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1264	1765	5.00	\$253.00*
Intel Core2 Duo SP9400 @ 2.40GHz	1672	1561	5.89	\$284.00*
Intel Core2 Duo SU9400 @ 1.40GHz	940	1963	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	835	2017	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	827	2019	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	820	2023	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	937	1965	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	907	1981	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	912	1978	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	921	1971	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1046	1880	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1027	1892	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	1003	1910	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1089	1859	109.09	\$9.99*



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5800 @ 2.00GHz	1110	1846	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1186	1807	74.63	\$15.90*
Intel Core2 Duo T5870 @ 2.00GHz	1145	1833	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1212	1795	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1224	1786	81.71	\$14.99*
Intel Core2 Duo T6500 @ 2.10GHz	1287	1748	85.91	\$14.99*
Intel Core2 Duo T6570 @ 2.10GHz	1260	1767	32.74	\$38.50*
Intel Core2 Duo T6600 @ 2.20GHz	1371	1700	72.55	\$18.90*
Intel Core2 Duo T6670 @ 2.20GHz	1363	1704	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1010	1904	45.97	\$21.99*
Intel Core2 Duo T7200 @ 2.00GHz	1167	1818	11.68	\$99.95
Intel Core2 Duo T7250 @ 2.00GHz	1108	1847	5.50	\$201.48*
Intel Core2 Duo T7300 @ 2.00GHz	1194	1802	38.53	\$30.99*
Intel Core2 Duo T7400 @ 2.16GHz	1243	1777	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1274	1759	29.64	\$42.99*
Intel Core2 Duo T7600 @ 2.33GHz	1367	1702	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1418	1679	30.18	\$46.99*
Intel Core2 Duo T7800 @ 2.60GHz	1615	1590	2.66	\$607.99*
Intel Core2 Duo T8100 @ 2.10GHz	1290	1745	1.29	\$999.99*
Intel Core2 Duo T8300 @ 2.40GHz	1479	1650	6.91	\$213.99*
Intel Core2 Duo T9300 @ 2.50GHz	1667	1569	28.76	\$57.99*
Intel Core2 Duo T9400 @ 2.53GHz	1737	1521	34.07	\$51.00*
Intel Core2 Duo T9500 @ 2.60GHz	1824	1483	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1797	1495	6.01	\$298.95*
Intel Core2 Duo T9600 @ 2.80GHz	1929	1433	29.68	\$64.99*
Intel Core2 Duo T9800 @ 2.93GHz	2012	1399	4.75	\$423.89*
Intel Core2 Duo T9900 @ 3.06GHz	2149	1349	5.39	\$398.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo U7300 @ 1.30GHz	872	1994	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	579	2134	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	663	2093	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	711	2070	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	857	2003	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1132	1835	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1551	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	882	3.25	\$1,125.00*
Intel Core2 Extreme Q6850 @ 3.00GHz	3662	880	2.45	\$1,495.95*
Intel Core2 Extreme Q9300 @ 2.53GHz	3494	918	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1889	1451	7.17	\$263.64*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1492	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1720	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1679	1556	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1892	1448	NA	NA
Intel Core2 Extreme X9100 @ 3.06GHz	2044	1385	2.40	\$851.00*
Intel Core2 Extreme X9650 @ 3.00GHz	4197	767	4.62	\$909.00*
Intel Core2 Extreme X9750 @ 3.16GHz	4597	688	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4622	684	2.87	\$1,600.00*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	677	2.57	\$1,805.00*
Intel Core2 Quad Q6600 @ 2.40GHz	2967	1070	18.79	\$157.99*
Intel Core2 Quad Q6700 @ 2.66GHz	3300	970	143.58	\$22.99



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q8200 @ 2.33GHz	2821	1118	134.44	\$20.99
Intel Core2 Quad Q8300 @ 2.50GHz	2994	1062	19.32	\$155.00
Intel Core2 Quad Q8400 @ 2.66GHz	3189	1002	63.78	\$50.00*
Intel Core2 Quad Q9000 @ 2.00GHz	2528	1205	6.50	\$389.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3238	989	8.39	\$385.89*
Intel Core2 Quad Q9300 @ 2.50GHz	3170	1009	137.89	\$22.99
Intel Core2 Quad Q9400 @ 2.66GHz	3370	953	124.87	\$26.99
Intel Core2 Quad Q9450 @ 2.66GHz	3771	856	11.25	\$335.25*
Intel Core2 Quad Q9500 @ 2.83GHz	3591	896	105.65	\$33.99
Intel Core2 Quad Q9505 @ 2.83GHz	3600	894	18.95	\$190.00*
Intel Core2 Quad Q9550 @ 2.83GHz	3995	806	88.81	\$44.99
Intel Core2 Quad Q9650 @ 3.00GHz	4198	766	16.21	\$259.00
Intel Core2 Quad Q9705 @ 3.16GHz	3947	813	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	303	2404	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2392	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2270	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	466	2217	NA	NA
Intel Core 330 @ 1.60GHz	643	2103	NA	NA
Intel Core 860 @ 2.80GHz	4555	700	14.74	\$309.00*
Intel Core Duo L2300 @ 1.50GHz	719	2066	NA	NA
Intel Core Duo L2400 @ 1.66GHz	708	2074	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	2059	NA	NA
Intel Core Duo T2050 @ 1.60GHz	700	2079	NA	NA
Intel Core Duo T2250 @ 1.73GHz	761	2047	NA	NA
Intel Core Duo T2300 @ 1.66GHz	732	2057	NA	NA
Intel Core Duo T2350 @ 1.86GHz	764	2045	NA	NA
Intel Core Duo T2400 @ 1.83GHz	795	2033	49.69	\$16.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo T2450 @ 2.00GHz	831	2018	NA	NA
Intel Core Duo T2500 @ 2.00GHz	875	1993	7.30	\$119.99*
Intel Core Duo T2600 @ 2.16GHz	941	1960	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	1895	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2151	NA	NA
Intel Core Duo U2500 @ 1.20GHz	515	2173	NA	NA
Intel Core i3-330E @ 2.13GHz	1935	1431	NA	NA
Intel Core i3-330M @ 2.13GHz	1792	1499	36.92	\$48.56*
Intel Core i3-330UM @ 1.20GHz	1071	1871	NA	NA
Intel Core i3-350M @ 2.27GHz	1901	1444	14.63	\$130.00*
Intel Core i3-370M @ 2.40GHz	2022	1395	8.24	\$245.40*
Intel Core i3-380M @ 2.53GHz	2102	1366	42.90	\$49.00
Intel Core i3-380UM @ 1.33GHz	1168	1815	NA	NA
Intel Core i3-390M @ 2.67GHz	2162	1343	55.52	\$38.95*
Intel Core i3-530 @ 2.93GHz	2580	1191	39.71	\$64.99
Intel Core i3-540 @ 3.07GHz	2691	1158	59.82	\$44.99
Intel Core i3-550 @ 3.20GHz	2836	1110	34.26	\$82.80
Intel Core i3-560 @ 3.33GHz	2960	1072	16.45	\$179.95
Intel Core i3-2100 @ 3.10GHz	3670	879	64.41	\$56.9
Intel Core i3-2100T @ 2.50GHz	2903	1089	16.10	\$180.3
Intel Core i3-2102 @ 3.10GHz	3817	841	NA	NA
Intel Core i3-2105 @ 3.10GHz	3728	865	31.60	\$118.00

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2120 @ 3.30GHz	3906	825	68.54	\$56.99
Intel Core i3-2120T @ 2.60GHz	3146	1019	27.85	\$113.00
Intel Core i3-2125 @ 3.30GHz	3996	805	29.60	\$135.00
Intel Core i3-2130 @ 3.40GHz	4051	790	38.41	\$105.50
Intel Core i3-2140 @ 3.50GHz	4325	746	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1108	12.62	\$225.00*
Intel Core i3-2310M @ 2.10GHz	2428	1236	53.97	\$44.99
Intel Core i3-2312M @ 2.10GHz	2381	1257	NA	NA
Intel Core i3-2328M @ 2.20GHz	2525	1207	NA	NA
Intel Core i3-2330E @ 2.20GHz	3073	1034	NA	NA
Intel Core i3-2330M @ 2.20GHz	2529	1204	50.63	\$49.95
Intel Core i3-2332M @ 2.20GHz	2382	1256	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1530	NA	NA
Intel Core i3-2348M @ 2.30GHz	2612	1177	NA	NA
Intel Core i3-2350M @ 2.30GHz	2615	1176	62.32	\$41.97
Intel Core i3-2357M @ 1.30GHz	1580	1609	NA	NA
Intel Core i3-2365M @ 1.40GHz	1670	1564	NA	NA
Intel Core i3-2367M @ 1.40GHz	1701	1543	NA	NA
Intel Core i3-2370M @ 2.40GHz	2757	1138	46.73	\$59.00*
Intel Core i3-2375M @ 1.50GHz	1782	1502	NA	NA
Intel Core i3-2377M @ 1.50GHz	1817	1487	NA	NA
Intel Core i3-3110M @ 2.40GHz	3070	1035	21.94	\$139.95
Intel Core i3-3120M @ 2.50GHz	3212	996	20.08	\$160.00*
Intel Core i3-3130M @ 2.60GHz	3374	952	NA	NA
Intel Core i3-3210 @ 3.20GHz	4023	796	33.81	\$119.01
Intel Core i3-3217U @ 1.80GHz	2299	1288	6.63	\$347.12*
Intel Core i3-3217UE @ 1.60GHz	2162	1344	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3220 @ 3.30GHz	4226	759	62.17	\$67.99
Intel Core i3-3220T @ 2.80GHz	3698	874	18.39	\$201.11
Intel Core i3-3225 @ 3.30GHz	4333	741	16.44	\$263.50
Intel Core i3-3227U @ 1.90GHz	2459	1228	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1686	1553	NA	NA
Intel Core i3-3240 @ 3.40GHz	4310	747	63.41	\$67.99
Intel Core i3-3240T @ 2.90GHz	3655	881	NA	NA
Intel Core i3-3245 @ 3.40GHz	4431	717	35.75	\$123.95
Intel Core i3-3250 @ 3.50GHz	4434	716	10.01	\$443.10*
Intel Core i3-3250T @ 3.00GHz	3021	1054	NA	NA
Intel Core i3-4000M @ 2.40GHz	3241	987	16.21	\$199.95*
Intel Core i3-4005U @ 1.70GHz	2446	1233	NA	NA
Intel Core i3-4010U @ 1.70GHz	2445	1234	19.68	\$124.31
Intel Core i3-4010Y @ 1.30GHz	1883	1458	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2186	1334	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2201	1328	NA	NA
Intel Core i3-4025U @ 1.90GHz	2766	1134	NA	NA
Intel Core i3-4030U @ 1.90GHz	2703	1156	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2482	1224	NA	NA
Intel Core i3-4100M @ 2.50GHz	3451	932	15.79	\$218.5
Intel Core i3-4110M @ 2.60GHz	3873	830	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1091	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4120U @ 2.00GHz	3050	1046	NA	NA
Intel Core i3-4130 @ 3.40GHz	4792	660	27.28	\$175.70
Intel Core i3-4130T @ 2.90GHz	4119	782	46.29	\$88.99*
Intel Core i3-4150 @ 3.50GHz	4897	639	39.19	\$124.99
Intel Core i3-4150T @ 3.00GHz	4204	763	18.29	\$229.95*
Intel Core i3-4158U @ 2.00GHz	2914	1085	NA	NA
Intel Core i3-4160 @ 3.60GHz	5044	614	36.72	\$137.35
Intel Core i3-4160T @ 3.10GHz	4369	735	30.77	\$141.99*
Intel Core i3-4170 @ 3.70GHz	5178	594	38.13	\$135.80
Intel Core i3-4170T @ 3.20GHz	4560	698	27.64	\$165.00*
Intel Core i3-4330 @ 3.50GHz	5078	610	12.70	\$400.00
Intel Core i3-4330T @ 3.00GHz	4482	713	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3133	1023	NA	NA
Intel Core i3-4340 @ 3.60GHz	5240	587	24.95	\$210.00*
Intel Core i3-4350 @ 3.60GHz	4915	638	39.01	\$125.99*
Intel Core i3-4350T @ 3.10GHz	4302	749	NA	NA
Intel Core i3-4360 @ 3.70GHz	5472	559	15.55	\$352.00*
Intel Core i3-4360T @ 3.20GHz	4636	679	NA	NA
Intel Core i3-4370 @ 3.80GHz	5589	540	23.12	\$241.78*
Intel Core i3-4570T @ 2.90GHz	4934	632	NA	NA
Intel Core i3-5005U @ 2.00GHz	2919	1082	NA	NA
Intel Core i3-5010U @ 2.10GHz	3064	1041	8.45	\$362.48
Intel Core i3-5015U @ 2.10GHz	3034	1050	NA	NA
Intel Core i3-5020U @ 2.20GHz	3178	1006	6.93	\$459.00*
Intel Core i3-5157U @ 2.50GHz	3670	878	NA	NA
Intel Core i3-6006U @ 2.00GHz	3134	1021	NA	NA
Intel Core i3-6098P @ 3.60GHz	5565	544	41.61	\$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	5489	554	45.75	\$119.99
Intel Core i3-6100E @ 2.70GHz	3769	857	NA	NA
Intel Core i3-6100H @ 2.70GHz	4162	779	NA	NA
Intel Core i3-6100T @ 3.20GHz	4827	653	48.76	\$99.00
Intel Core i3-6100TE @ 2.70GHz	4334	740	NA	NA
Intel Core i3-6100U @ 2.30GHz	3571	902	6.93	\$515.00*
Intel Core i3-6157U @ 2.40GHz	3828	837	NA	NA
Intel Core i3-6300 @ 3.80GHz	5846	512	39.62	\$147.56
Intel Core i3-6300T @ 3.30GHz	5229	588	31.56	\$165.73
Intel Core i3-6320 @ 3.90GHz	6054	490	37.84	\$159.99
Intel Core i3-7100 @ 3.90GHz	5851	510	46.87	\$124.85
Intel Core i3-7100H @ 3.00GHz	5038	616	22.39	\$225.00*
Intel Core i3-7100T @ 3.40GHz	5179	593	NA	NA
Intel Core i3-7100U @ 2.40GHz	3653	883	NA	NA
Intel Core i3-7101TE @ 3.40GHz	4927	636	42.12	\$117.00*
Intel Core i3-7130U @ 2.70GHz	4495	712	NA	NA
Intel Core i3-7300 @ 4.00GHz	6474	450	40.47	\$159.99*
Intel Core i3-7300T @ 3.50GHz	5366	575	NA	NA
Intel Core i3-7320 @ 4.10GHz	6591	440	38.55	\$170.00*
Intel Core i3-7350K @ 4.20GHz	6719	427	48.34	\$139.00*
Intel Core i3-8100 @ 3.60GHz	8024	329	56.91	\$140.99*
Intel Core i3-8350K @ 4.00GHz	9530	219	36.66	\$259.99*

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Intel Core i5 750S @ 2.40GHz	2197	1330	8.72	\$252.01
Intel Core i5 E 520 @ 2.40GHz	2486	1223	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3640	884	NA	NA
Intel Core i5-7Y57 @ 1.20GHz	3706	871	NA	NA
Intel Core i5-430M @ 2.27GHz	2101	1367	19.10	\$109.99*
Intel Core i5-430UM @ 1.20GHz	1336	1719	NA	NA
Intel Core i5-450M @ 2.40GHz	2115	1360	66.21	\$31.95*
Intel Core i5-460M @ 2.53GHz	2334	1269	29.19	\$79.95*
Intel Core i5-470UM @ 1.33GHz	1270	1763	NA	NA
Intel Core i5-480M @ 2.67GHz	2418	1241	30.00	\$80.60*
Intel Core i5-520 @ 2.40GHz	2244	1313	NA	NA
Intel Core i5-520M @ 2.40GHz	2376	1260	39.61	\$60.00
Intel Core i5-520UM @ 1.07GHz	1349	1711	NA	NA
Intel Core i5-540M @ 2.53GHz	2447	1232	12.88	\$189.95*
Intel Core i5-540UM @ 1.20GHz	1410	1682	NA	NA
Intel Core i5-560M @ 2.67GHz	2592	1186	16.21	\$159.95*
Intel Core i5-560UM @ 1.33GHz	1664	1571	NA	NA
Intel Core i5-580M @ 2.67GHz	2635	1171	23.97	\$109.95*
Intel Core i5-650 @ 3.20GHz	3114	1025	28.70	\$108.50
Intel Core i5-655K @ 3.20GHz	3401	946	NA	NA
Intel Core i5-660 @ 3.33GHz	3255	983	31.63	\$102.90
Intel Core i5-661 @ 3.33GHz	3181	1004	12.62	\$252.01
Intel Core i5-670 @ 3.47GHz	3312	967	13.15	\$252.01
Intel Core i5-680 @ 3.60GHz	3508	916	31.89	\$109.99
Intel Core i5-750 @ 2.67GHz	3711	868	15.76	\$235.50
Intel Core i5-760 @ 2.80GHz	3899	826	16.96	\$229.95
Intel Core i5-2300 @ 2.80GHz	5338	580	53.39	\$99.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2310 @ 2.90GHz	5508	551	28.95	\$190.25*
Intel Core i5-2320 @ 3.00GHz	5741	526	35.88	\$160.00
Intel Core i5-2380P @ 3.10GHz	5677	531	31.54	\$180.00*
Intel Core i5-2390T @ 2.70GHz	4276	750	42.81	\$99.90*
Intel Core i5-2400 @ 3.10GHz	5916	501	82.18	\$72.00
Intel Core i5-2400S @ 2.50GHz	4936	631	33.92	\$145.55
Intel Core i5-2405S @ 2.50GHz	4980	624	10.56	\$471.59*
Intel Core i5-2410M @ 2.30GHz	3163	1012	30.14	\$104.95*
Intel Core i5-2415M @ 2.30GHz	3311	968	NA	NA
Intel Core i5-2430M @ 2.40GHz	3274	973	21.83	\$150.00
Intel Core i5-2435M @ 2.40GHz	3269	975	NA	NA
Intel Core i5-2450M @ 2.50GHz	3399	947	26.15	\$130.00*
Intel Core i5-2450P @ 3.20GHz	6132	482	28.53	\$214.99*
Intel Core i5-2467M @ 1.60GHz	2331	1270	NA	NA
Intel Core i5-2500 @ 3.30GHz	6303	466	42.07	\$149.84
Intel Core i5-2500K @ 3.30GHz	6467	453	21.49	\$300.97
Intel Core i5-2500S @ 2.70GHz	5294	586	31.20	\$169.70
Intel Core i5-2500T @ 2.30GHz	4680	671	NA	NA
Intel Core i5-2510E @ 2.50GHz	3676	877	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	966	NA	NA
Intel Core i5-2520M @ 2.50GHz	3577	901	21.09	\$169.60
Intel Core i5-2537M @ 1.40GHz	2083	1373	NA	NA



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Intel Core i5-2540M @ 2.60GHz	3771	855	53.91	\$69.95
Intel Core i5-2550K @ 3.40GHz	6692	428	35.41	\$189.00*
Intel Core i5-2557M @ 1.70GHz	2643	1167	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	860	NA	NA
Intel Core i5-3210M @ 2.50GHz	3809	844	18.58	\$205.00*
Intel Core i5-3230M @ 2.60GHz	3927	819	15.28	\$256.95*
Intel Core i5-3317U @ 1.70GHz	3088	1031	13.73	\$225.00*
Intel Core i5-3320M @ 2.60GHz	4077	787	33.22	\$122.74*
Intel Core i5-3330 @ 3.00GHz	5903	503	45.76	\$129.00
Intel Core i5-3330S @ 2.70GHz	5648	534	41.84	\$134.99
Intel Core i5-3335S @ 2.70GHz	5768	519	NA	NA
Intel Core i5-3337U @ 1.80GHz	3213	995	14.28	\$225.00*
Intel Core i5-3339Y @ 1.50GHz	2228	1319	NA	NA
Intel Core i5-3340 @ 3.10GHz	6048	492	23.09	\$262.01
Intel Core i5-3340M @ 2.70GHz	4232	758	52.94	\$79.95
Intel Core i5-3340S @ 2.80GHz	5794	515	18.11	\$320.00
Intel Core i5-3350P @ 3.10GHz	6122	483	20.97	\$292.01
Intel Core i5-3360M @ 2.80GHz	4418	723	20.81	\$212.35*
Intel Core i5-3380M @ 2.90GHz	4402	728	NA	NA
Intel Core i5-3427U @ 1.80GHz	3539	908	8.43	\$420.05*
Intel Core i5-3437U @ 1.90GHz	3613	890	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2890	1095	NA	NA
Intel Core i5-3450 @ 3.10GHz	6491	446	31.82	\$204.01
Intel Core i5-3450S @ 2.80GHz	6158	478	41.21	\$149.45
Intel Core i5-3470 @ 3.20GHz	6644	433	50.01	\$132.86
Intel Core i5-3470S @ 2.90GHz	6273	468	30.16	\$208.00
Intel Core i5-3470T @ 2.90GHz	4530	705	14.67	\$308.95

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3475S @ 2.90GHz	6483	447	75.48	\$85.90*
Intel Core i5-3550 @ 3.30GHz	6888	413	23.88	\$288.40
Intel Core i5-3550S @ 3.00GHz	6837	416	19.54	\$350.00
Intel Core i5-3570 @ 3.40GHz	7053	401	31.05	\$227.20
Intel Core i5-3570K @ 3.40GHz	7156	391	26.02	\$275.00
Intel Core i5-3570S @ 3.10GHz	6681	431	23.44	\$285.00
Intel Core i5-3570T @ 2.30GHz	5877	506	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3722	866	NA	NA
Intel Core i5-4200H @ 2.80GHz	4427	720	NA	NA
Intel Core i5-4200M @ 2.50GHz	4039	793	22.44	\$179.99*
Intel Core i5-4200U @ 1.60GHz	3276	972	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2407	1248	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2254	1309	NA	NA
Intel Core i5-4210H @ 2.90GHz	4524	707	NA	NA
Intel Core i5-4210M @ 2.60GHz	4194	769	13.53	\$309.95*
Intel Core i5-4210U @ 1.70GHz	3393	948	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2360	1265	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1307	NA	NA
Intel Core i5-4250U @ 1.30GHz	3441	936	6.76	\$509.00
Intel Core i5-4258U @ 2.40GHz	4093	785	NA	NA
Intel Core i5-4260U @ 1.40GHz	3560	905	NA	NA
Intel Core i5-4278U @ 2.60GHz	4332	742	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4288U @ 2.60GHz	4404	726	NA	NA
Intel Core i5-4300M @ 2.60GHz	4413	725	NA	NA
Intel Core i5-4300U @ 1.90GHz	3739	862	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2527	1206	NA	NA
Intel Core i5-4302Y @ 1.60GHz	3013	1055	NA	NA
Intel Core i5-4308U @ 2.80GHz	4084	786	NA	NA
Intel Core i5-4310M @ 2.70GHz	4564	696	NA	NA
Intel Core i5-4310U @ 2.00GHz	3692	875	NA	NA
Intel Core i5-4330M @ 2.80GHz	4564	697	16.60	\$274.99*
Intel Core i5-4340M @ 2.90GHz	4754	662	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	892	NA	NA
Intel Core i5-4400E @ 2.70GHz	1271	1761	NA	NA
Intel Core i5-4402E @ 1.60GHz	3947	814	NA	NA
Intel Core i5-4430 @ 3.00GHz	6289	467	24.19	\$259.97*
Intel Core i5-4430S @ 2.70GHz	5854	509	43.37	\$134.99*
Intel Core i5-4440 @ 3.10GHz	6468	452	19.31	\$334.97*
Intel Core i5-4440S @ 2.80GHz	6145	480	13.13	\$468.18*
Intel Core i5-4460 @ 3.20GHz	6682	430	33.42	\$199.97
Intel Core i5-4460S @ 2.90GHz	6369	462	NA	NA
Intel Core i5-4460T @ 1.90GHz	4930	633	NA	NA
Intel Core i5-4570 @ 3.20GHz	7080	398	24.00	\$295.00
Intel Core i5-4570R @ 2.70GHz	6689	429	NA	NA
Intel Core i5-4570S @ 2.90GHz	6720	426	16.39	\$409.95
Intel Core i5-4570T @ 2.90GHz	4807	658	11.76	\$408.95
Intel Core i5-4570TE @ 2.70GHz	4008	802	14.93	\$268.42
Intel Core i5-4590 @ 3.30GHz	7246	382	29.50	\$245.60
Intel Core i5-4590S @ 3.00GHz	6968	407	23.30	\$299.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4590T @ 2.00GHz	5530	549	NA	NA
Intel Core i5-4670 @ 3.40GHz	7395	373	20.55	\$359.95
Intel Core i5-4670K @ 3.40GHz	7623	356	31.77	\$240.00
Intel Core i5-4670K CPT @ 3.40GHz	7411	371	NA	NA
Intel Core i5-4670S @ 3.10GHz	6436	455	NA	NA
Intel Core i5-4670T @ 2.30GHz	6234	470	28.34	\$220.00*
Intel Core i5-4690 @ 3.50GHz	7608	357	20.72	\$367.24
Intel Core i5-4690K @ 3.50GHz	7779	343	30.04	\$259.01*
Intel Core i5-4690S @ 3.20GHz	7391	374	11.86	\$623.00*
Intel Core i5-4690T @ 2.50GHz	6392	460	NA	NA
Intel Core i5-5200U @ 2.20GHz	3498	917	NA	NA
Intel Core i5-5250U @ 1.60GHz	3620	887	8.19	\$441.89*
Intel Core i5-5257U @ 2.70GHz	4393	729	NA	NA
Intel Core i5-5287U @ 2.90GHz	4666	675	NA	NA
Intel Core i5-5300U @ 2.30GHz	3771	854	7.87	\$479.49*
Intel Core i5-5350U @ 1.80GHz	3024	1052	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	368	NA	NA
Intel Core i5-5675C @ 3.10GHz	8151	315	28.10	\$290.12
Intel Core i5-5675R @ 3.10GHz	8061	321	NA	NA
Intel Core i5-6198DU @ 2.30GHz	4184	772	NA	NA
Intel Core i5-6200U @ 2.30GHz	4009	800	NA	NA
Intel Core i5-6260U @ 1.80GHz	4374	734	8.43	\$518.99

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Intel Core i5-6267U @ 2.90GHz	4940	629	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	663	15.63	\$304.00*
Intel Core i5-6300HQ @ 2.30GHz	6048	491	NA	NA
Intel Core i5-6300U @ 2.40GHz	4377	732	NA	NA
Intel Core i5-6360U @ 2.00GHz	4836	651	NA	NA
Intel Core i5-6400 @ 2.70GHz	6737	425	35.55	\$189.52
Intel Core i5-6400T @ 2.20GHz	5585	541	33.05	\$169.00
Intel Core i5-6402P @ 2.80GHz	7429	369	39.11	\$189.99*
Intel Core i5-6440EQ @ 2.70GHz	5778	516	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6747	424	NA	NA
Intel Core i5-6500 @ 3.20GHz	7227	384	35.26	\$204.99
Intel Core i5-6500T @ 2.50GHz	6198	473	NA	NA
Intel Core i5-6500TE @ 2.30GHz	6483	448	NA	NA
Intel Core i5-6600 @ 3.30GHz	7740	348	33.33	\$232.27
Intel Core i5-6600K @ 3.50GHz	8030	327	33.46	\$239.99
Intel Core i5-6600T @ 2.70GHz	7318	377	15.49	\$472.40*
Intel Core i5-7200U @ 2.50GHz	4676	673	NA	NA
Intel Core i5-7260U @ 2.20GHz	5762	521	NA	NA
Intel Core i5-7267U @ 3.10GHz	5350	578	NA	NA
Intel Core i5-7300HQ @ 2.50GHz	6853	415	NA	NA
Intel Core i5-7300U @ 2.60GHz	5138	600	NA	NA
Intel Core i5-7360U @ 2.30GHz	6080	489	NA	NA
Intel Core i5-7400 @ 3.00GHz	7415	370	44.94	\$165.00
Intel Core i5-7400T @ 2.40GHz	6575	442	41.35	\$159.00
Intel Core i5-7440HQ @ 2.80GHz	8145	316	NA	NA
Intel Core i5-7500 @ 3.40GHz	8102	320	42.65	\$189.99
Intel Core i5-7500T @ 2.70GHz	7180	388	33.09	\$216.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7600 @ 3.50GHz	8891	271	40.42	\$219.99
Intel Core i5-7600K @ 3.80GHz	9233	245	38.64	\$239.00
Intel Core i5-7600T @ 2.80GHz	8263	305	31.63	\$261.25
Intel Core i5-7640X @ 4.00GHz	9337	237	40.78	\$229.00
Intel Core i5-8250U @ 1.60GHz	7680	354	NA	NA
Intel Core i5-8400 @ 2.80GHz	11425	131	36.98	\$309.00
Intel Core i5-8600K @ 3.60GHz	13069	104	50.66	\$258.00*
Intel Core i5-24050S @ 2.50GHz	4928	635	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3946	815	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1415	NA	NA
Intel Core i7-610E @ 2.53GHz	2544	1202	NA	NA
Intel Core i7-620LM @ 2.00GHz	1939	1428	NA	NA
Intel Core i7-620M @ 2.67GHz	2739	1146	24.90	\$110.01
Intel Core i7-620UM @ 1.07GHz	1323	1724	NA	NA
Intel Core i7-640LM @ 2.13GHz	2241	1315	NA	NA
Intel Core i7-640M @ 2.80GHz	2852	1107	17.84	\$159.95*
Intel Core i7-640UM @ 1.20GHz	1672	1562	NA	NA
Intel Core i7-660UM @ 1.33GHz	1821	1485	NA	NA
Intel Core i7-680UM @ 1.47GHz	1686	1552	NA	NA
Intel Core i7-720QM @ 1.60GHz	3027	1051	38.83	\$77.97
Intel Core i7-740QM @ 1.73GHz	3203	999	20.03	\$159.99
Intel Core i7-820QM @ 1.73GHz	3250	984	23.38	\$139.00



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-840QM @ 1.87GHz	3420	942	9.27	\$368.90*
Intel Core i7-860 @ 2.80GHz	5042	615	25.25	\$199.66
Intel Core i7-860S @ 2.53GHz	4623	683	10.96	\$422.01
Intel Core i7-870 @ 2.93GHz	5388	572	25.19	\$213.89
Intel Core i7-870S @ 2.67GHz	4969	625	NA	NA
Intel Core i7-875K @ 2.93GHz	5470	560	14.03	\$389.99
Intel Core i7-880 @ 3.07GHz	5684	529	9.75	\$583.00*
Intel Core i7-920 @ 2.67GHz	4952	627	20.16	\$245.60
Intel Core i7-920XM @ 2.00GHz	3818	840	23.06	\$165.55*
Intel Core i7-930 @ 2.80GHz	5166	596	10.15	\$508.95*
Intel Core i7-940 @ 2.93GHz	5395	571	18.05	\$299.00
Intel Core i7-940XM @ 2.13GHz	3975	809	NA	NA
Intel Core i7-950 @ 3.07GHz	5585	542	31.38	\$178.00
Intel Core i7-960 @ 3.20GHz	5863	507	19.88	\$295.00
Intel Core i7-965 @ 3.20GHz	5883	504	16.39	\$359.00
Intel Core i7-970 @ 3.20GHz	8431	300	15.33	\$550.00
Intel Core i7-975 @ 3.33GHz	6152	479	9.38	\$656.01
Intel Core i7-980 @ 3.33GHz	8745	280	12.49	\$699.99
Intel Core i7-980X @ 3.33GHz	8850	275	11.06	\$799.99
Intel Core i7-985 @ 3.47GHz	6641	434	NA	NA
Intel Core i7-990X @ 3.47GHz	9140	251	7.62	\$1,199.99
Intel Core i7-995X @ 3.60GHz	9791	202	NA	NA
Intel Core i7-2600 @ 3.40GHz	8213	309	39.11	\$209.99
Intel Core i7-2600K @ 3.40GHz	8468	298	20.41	\$415.00
Intel Core i7-2600S @ 2.80GHz	7066	399	33.81	\$209.00
Intel Core i7-2610UE @ 1.50GHz	2481	1225	NA	NA
Intel Core i7-2617M @ 1.50GHz	2803	1124	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2620M @ 2.70GHz	3828	836	21.36	\$179.21
Intel Core i7-2630QM @ 2.00GHz	5543	546	29.98	\$184.91*
Intel Core i7-2630UM @ 1.60GHz	3204	998	NA	NA
Intel Core i7-2635QM @ 2.00GHz	5442	563	NA	NA
Intel Core i7-2637M @ 1.70GHz	2889	1096	NA	NA
Intel Core i7-2640M @ 2.80GHz	3920	821	19.53	\$200.78
Intel Core i7-2655LE @ 2.20GHz	3122	1024	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5915	502	42.56	\$139.00
Intel Core i7-2675QM @ 2.20GHz	5538	547	NA	NA
Intel Core i7-2677M @ 1.80GHz	2834	1112	NA	NA
Intel Core i7-2700K @ 3.50GHz	8749	279	28.32	\$309.00
Intel Core i7-2710QE @ 2.10GHz	5768	520	NA	NA
Intel Core i7-2715QE @ 2.10GHz	5365	576	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6102	486	35.90	\$169.97
Intel Core i7-2760QM @ 2.40GHz	6608	439	47.22	\$139.95*
Intel Core i7-2820QM @ 2.30GHz	6621	438	18.40	\$359.95*
Intel Core i7-2840QM @ 2.40GHz	6766	421	NA	NA
Intel Core i7-2860QM @ 2.50GHz	7032	403	11.72	\$599.99*
Intel Core i7-2920XM @ 2.50GHz	7085	396	11.64	\$608.00
Intel Core i7-2960XM @ 2.70GHz	7187	386	12.24	\$587.10
Intel Core i7-3517U @ 1.90GHz	3586	899	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3337	959	NA	NA

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Intel Core i7-3520M @ 2.90GHz	4526	706	19.26	\$235.00*
Intel Core i7-3537U @ 2.00GHz	3842	832	NA	NA
Intel Core i7-3540M @ 3.00GHz	4636	680	10.78	\$429.95*
Intel Core i7-3555LE @ 2.50GHz	4130	780	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6472	451	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7464	367	18.66	\$399.99*
Intel Core i7-3612QE @ 2.10GHz	6428	457	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6814	419	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7133	393	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7375	376	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7590	359	31.76	\$239.00*
Intel Core i7-3632QM @ 2.20GHz	6926	411	19.29	\$359.00*
Intel Core i7-3635QM @ 2.40GHz	6629	436	NA	NA
Intel Core i7-3667U @ 2.00GHz	3964	811	NA	NA
Intel Core i7-3687U @ 2.10GHz	4214	760	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3219	992	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8135	318	24.31	\$334.72*
Intel Core i7-3740QM @ 2.70GHz	8339	304	41.71	\$199.95
Intel Core i7-3770 @ 3.40GHz	9308	242	30.03	\$310.00
Intel Core i7-3770K @ 3.50GHz	9540	218	27.26	\$349.99
Intel Core i7-3770S @ 3.10GHz	8876	272	41.50	\$213.90
Intel Core i7-3770T @ 2.50GHz	8190	311	24.82	\$329.99*
Intel Core i7-3820 @ 3.60GHz	9001	265	9.88	\$911.12*
Intel Core i7-3820QM @ 2.70GHz	8492	295	17.44	\$486.99*
Intel Core i7-3840QM @ 2.80GHz	8807	277	21.75	\$405.00*
Intel Core i7-3920XM @ 2.90GHz	9144	250	8.34	\$1,096.00*
Intel Core i7-3930K @ 3.20GHz	12024	127	19.69	\$610.75

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3940XM @ 3.00GHz	9309	241	17.27	\$539.00*
Intel Core i7-3960X @ 3.30GHz	12662	114	15.92	\$795.50
Intel Core i7-3970X @ 3.50GHz	12641	115	34.17	\$369.99
Intel Core i7-4500U @ 1.80GHz	3791	852	NA	NA
Intel Core i7-4510U @ 2.00GHz	3936	817	NA	NA
Intel Core i7-4550U @ 1.50GHz	3826	838	NA	NA
Intel Core i7-4558U @ 2.80GHz	4346	738	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	743	NA	NA
Intel Core i7-4578U @ 3.00GHz	4719	665	NA	NA
Intel Core i7-4600M @ 2.90GHz	4832	652	NA	NA
Intel Core i7-4600U @ 2.10GHz	4094	784	NA	NA
Intel Core i7-4610M @ 3.00GHz	4967	626	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3738	863	NA	NA
Intel Core i7-4650U @ 1.70GHz	4012	798	NA	NA
Intel Core i7-4700EQ @ 2.40GHz	7229	383	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7754	345	20.25	\$383.00*
Intel Core i7-4700MQ @ 2.40GHz	7705	350	40.77	\$189.00*
Intel Core i7-4702HQ @ 2.20GHz	7499	364	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7126	394	NA	NA
Intel Core i7-4710HQ @ 2.50GHz	7742	347	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7984	333	29.40	\$271.50*
Intel Core i7-4712HQ @ 2.30GHz	7507	362	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4712MQ @ 2.30GHz	7157	390	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8026	328	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8052	325	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8261	306	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8340	303	NA	NA
Intel Core i7-4765T @ 2.00GHz	7299	380	27.03	\$269.99*
Intel Core i7-4770 @ 3.40GHz	9794	201	26.06	\$375.90
Intel Core i7-4770HQ @ 2.20GHz	8937	269	NA	NA
Intel Core i7-4770K @ 3.50GHz	10106	180	25.33	\$399.00
Intel Core i7-4770R @ 3.20GHz	9832	200	NA	NA
Intel Core i7-4770S @ 3.10GHz	9322	239	26.41	\$353.00
Intel Core i7-4770T @ 2.50GHz	8665	287	28.04	\$308.99*
Intel Core i7-4770TE @ 2.30GHz	7065	400	NA	NA
Intel Core i7-4771 @ 3.50GHz	9866	198	23.17	\$425.90
Intel Core i7-4785T @ 2.20GHz	7596	358	NA	NA
Intel Core i7-4790 @ 3.60GHz	9998	190	29.96	\$333.71
Intel Core i7-4790K @ 4.00GHz	11191	138	29.27	\$382.37
Intel Core i7-4790S @ 3.20GHz	9587	216	23.17	\$413.84
Intel Core i7-4790T @ 2.70GHz	9052	261	25.21	\$359.00*
Intel Core i7-4800MQ @ 2.70GHz	8495	294	16.66	\$509.95*
Intel Core i7-4810MQ @ 2.80GHz	8657	288	20.37	\$424.95*
Intel Core i7-4820K @ 3.70GHz	9739	206	24.35	\$399.99
Intel Core i7-4850HQ @ 2.30GHz	9077	258	20.92	\$434.00*
Intel Core i7-4860EQ @ 1.80GHz	7897	336	NA	NA
Intel Core i7-4860HQ @ 2.40GHz	9220	246	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9337	236	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	9067	259	14.88	\$609.29*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4910MQ @ 2.90GHz	9456	228	18.54	\$509.95*
Intel Core i7-4930K @ 3.40GHz	13061	105	22.95	\$569.18
Intel Core i7-4930MX @ 3.00GHz	9528	220	8.69	\$1,096.00*
Intel Core i7-4940MX @ 3.10GHz	9940	193	9.85	\$1,008.95*
Intel Core i7-4960HQ @ 2.60GHz	9768	204	15.68	\$623.00*
Intel Core i7-4960X @ 3.60GHz	13852	91	5.94	\$2,333.64
Intel Core i7-4980HQ @ 2.80GHz	10137	179	NA	NA
Intel Core i7-5500U @ 2.40GHz	3966	810	NA	NA
Intel Core i7-5550U @ 2.00GHz	4254	754	NA	NA
Intel Core i7-5557U @ 3.10GHz	4942	628	7.01	\$705.00*
Intel Core i7-5600U @ 2.60GHz	4309	748	NA	NA
Intel Core i7-5650U @ 2.20GHz	4190	770	NA	NA
Intel Core i7-5675C @ 3.10GHz	8164	313	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	307	NA	NA
Intel Core i7-5700HQ @ 2.70GHz	8379	301	NA	NA
Intel Core i7-5775C @ 3.30GHz	11046	145	27.94	\$395.39
Intel Core i7-5775R @ 3.30GHz	10960	147	NA	NA
Intel Core i7-5820K @ 3.30GHz	13003	107	28.28	\$459.77
Intel Core i7-5850HQ @ 2.70GHz	9459	227	NA	NA
Intel Core i7-5930K @ 3.50GHz	13645	96	22.74	\$599.99
Intel Core i7-5950HQ @ 2.90GHz	10951	148	NA	NA
Intel Core i7-5960X @ 3.00GHz	15994	60	14.90	\$1,073.00

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Intel Core i7-6498DU @ 2.50GHz	4551	701	NA	NA
Intel Core i7-6500U @ 2.50GHz	4423	721	NA	NA
Intel Core i7-6560U @ 2.20GHz	4824	654	NA	NA
Intel Core i7-6567U @ 3.30GHz	5620	537	NA	NA
Intel Core i7-6600U @ 2.60GHz	4816	655	NA	NA
Intel Core i7-6650U @ 2.20GHz	4939	630	NA	NA
Intel Core i7-6700 @ 3.40GHz	10014	189	38.52	\$259.99
Intel Core i7-6700HQ @ 2.60GHz	8140	317	5.39	\$1,509.00*
Intel Core i7-6700K @ 4.00GHz	11109	141	32.68	\$339.99
Intel Core i7-6700T @ 2.80GHz	9055	260	32.34	\$279.99
Intel Core i7-6700TE @ 2.40GHz	9094	256	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9706	211	9.69	\$1,001.88*
Intel Core i7-6800K @ 3.40GHz	13616	98	46.32	\$293.96
Intel Core i7-6820EQ @ 2.80GHz	8824	276	NA	NA
Intel Core i7-6820HK @ 2.70GHz	9115	254	NA	NA
Intel Core i7-6820HQ @ 2.70GHz	8796	278	NA	NA
Intel Core i7-6822EQ @ 2.00GHz	6262	469	NA	NA
Intel Core i7-6850K @ 3.60GHz	14395	79	41.63	\$345.80
Intel Core i7-6900K @ 3.20GHz	17702	35	17.74	\$998.00
Intel Core i7-6920HQ @ 2.90GHz	9599	215	NA	NA
Intel Core i7-6950X @ 3.00GHz	19983	22	13.32	\$1,499.89
Intel Core i7-7500U @ 2.70GHz	5214	589	NA	NA
Intel Core i7-7560U @ 2.40GHz	5968	497	NA	NA
Intel Core i7-7567U @ 3.50GHz	6542	443	NA	NA
Intel Core i7-7600U @ 2.80GHz	5638	535	NA	NA
Intel Core i7-7660U @ 2.50GHz	6105	485	NA	NA
Intel Core i7-7700 @ 3.60GHz	10808	149	41.73	\$259.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-7700HQ @ 2.80GHz	8937	268	NA	NA
Intel Core i7-7700K @ 4.20GHz	12108	125	38.44	\$315.00
Intel Core i7-7700T @ 2.90GHz	9274	243	32.09	\$289.00
Intel Core i7-7740X @ 4.30GHz	12278	122	37.21	\$329.99
Intel Core i7-7800X @ 3.50GHz	14733	74	38.77	\$379.99
Intel Core i7-7820HK @ 2.90GHz	10103	181	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9403	232	NA	NA
Intel Core i7-7820X @ 3.60GHz	18740	30	33.47	\$559.99
Intel Core i7-7920HQ @ 3.10GHz	10161	177	NA	NA
Intel Core i7-8550U @ 1.80GHz	8054	324	NA	NA
Intel Core i7-8700 @ 3.20GHz	15661	63	36.51	\$429.00
Intel Core i7-8700K @ 3.70GHz	16448	49	39.17	\$419.99
Intel Core i9-7900X @ 3.30GHz	22574	8	23.27	\$969.99
Intel Core i9-7920X @ 2.90GHz	23435	5	19.85	\$1,180.78
Intel Core i9-7940X @ 3.10GHz	25502	3	17.85	\$1,429.00
Intel Core i9-7960X @ 2.80GHz	26346	2	15.51	\$1,699.00*
Intel Core i9-7980XE @ 2.60GHz	27958	1	13.31	\$2,099.99*
Intel Core m3-6Y30 @ 0.90GHz	3051	1045	NA	NA
Intel Core m3-7Y30 @ 1.00GHz	3532	913	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	3527	914	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3327	963	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3238	988	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core m7-6Y75 @ 1.20GHz	3550	906	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2741	1145	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2150	1348	NA	NA
Intel Core M-5Y10c @ 0.80GHz	2811	1122	10.01	\$281.00*
Intel Core M-5Y31 @ 0.90GHz	2763	1137	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2551	1200	NA	NA
Intel Core M-5Y70 @ 1.10GHz	3009	1056	NA	NA
Intel Core M-5Y71 @ 1.20GHz	3064	1040	10.91	\$281.00*
Intel Core Solo T1300 @ 1.66GHz	395	2299	NA	NA
Intel Core Solo T1350 @ 1.86GHz	402	2289	NA	NA
Intel Core Solo T1400 @ 1.83GHz	472	2214	NA	NA
Intel Core Solo U1300 @ 1.06GHz	276	2453	NA	NA
Intel Core Solo U1400 @ 1.20GHz	282	2442	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2370	NA	NA
Intel E3000 @ 3.40GHz	2767	1133	NA	NA
Intel Pentium 4 1.40GHz	164	2558	NA	NA
Intel Pentium 4 1.50GHz	131	2574	NA	NA
Intel Pentium 4 1.60GHz	129	2576	NA	NA
Intel Pentium 4 1.70GHz	133	2573	NA	NA
Intel Pentium 4 1.80GHz	161	2561	NA	NA
Intel Pentium 4 1.90GHz	159	2562	NA	NA
Intel Pentium 4 2.00GHz	189	2539	NA	NA
Intel Pentium 4 2.20GHz	210	2523	NA	NA
Intel Pentium 4 2.26GHz	221	2512	NA	NA
Intel Pentium 4 2.40GHz	228	2506	NA	NA
Intel Pentium 4 2.50GHz	245	2490	NA	NA
Intel Pentium 4 2.53GHz	248	2488	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.60GHz	288	2428	NA	NA
Intel Pentium 4 2.66GHz	254	2477	NA	NA
Intel Pentium 4 2.80GHz	322	2377	NA	NA
Intel Pentium 4 2.93GHz	303	2406	NA	NA
Intel Pentium 4 3.00GHz	353	2348	NA	NA
Intel Pentium 4 3.06GHz	347	2353	NA	NA
Intel Pentium 4 3.20GHz	375	2320	NA	NA
Intel Pentium 4 3.40GHz	396	2298	NA	NA
Intel Pentium 4 3.46GHz	487	2196	NA	NA
Intel Pentium 4 3.60GHz	491	2192	NA	NA
Intel Pentium 4 3.73GHz	486	2198	NA	NA
Intel Pentium 4 3.80GHz	485	2201	NA	NA
Intel Pentium 4 4.00GHz	184	2545	NA	NA
Intel Pentium 4 1300MHz	119	2579	NA	NA
Intel Pentium 4 1400MHz	127	2577	NA	NA
Intel Pentium 4 1500MHz	125	2578	NA	NA
Intel Pentium 4 1600MHz	193	2538	0.30	\$647.45*
Intel Pentium 4 1700MHz	154	2565	NA	NA
Intel Pentium 4 1800MHz	162	2560	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2568	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2534	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2551	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 Mobile 1.70GHz	208	2526	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2553	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2524	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2530	NA	NA
Intel Pentium 5 2.66GHz	705	2075	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	1855	8.18	\$134.00*
Intel Pentium 967 @ 1.30GHz	1153	1825	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	1830	NA	NA
Intel Pentium 987 @ 1.50GHz	1223	1788	NA	NA
Intel Pentium 997 @ 1.60GHz	1460	1660	NA	NA
Intel Pentium 1403 @ 2.60GHz	2747	1143	NA	NA
Intel Pentium 2020M @ 2.40GHz	2293	1289	17.12	\$134.00*
Intel Pentium 2030M @ 2.50GHz	2415	1242	18.03	\$134.00*
Intel Pentium 2117U @ 1.80GHz	1651	1575	12.33	\$134.00*
Intel Pentium 2127U @ 1.90GHz	1829	1481	13.65	\$134.00*
Intel Pentium 2129Y @ 1.10GHz	1044	1881	7.80	\$134.00*
Intel Pentium 3550M @ 2.30GHz	2303	1284	NA	NA
Intel Pentium 3556U @ 1.70GHz	1710	1535	NA	NA
Intel Pentium 3558U @ 1.70GHz	1698	1545	NA	NA
Intel Pentium 3560M @ 2.40GHz	2275	1299	NA	NA
Intel Pentium 3560Y @ 1.20GHz	1266	1764	NA	NA
Intel Pentium 3805U @ 1.90GHz	1993	1407	NA	NA
Intel Pentium 3825U @ 1.90GHz	2573	1197	NA	NA
Intel Pentium 4405U @ 2.10GHz	2975	1068	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2058	1382	NA	NA
Intel Pentium 4415U @ 2.30GHz	3218	994	NA	NA
Intel Pentium A1018 @ 2.10GHz	1605	1596	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium B940 @ 2.00GHz	1725	1528	57.62	\$29.94*
Intel Pentium B950 @ 2.10GHz	1709	1536	NA	NA
Intel Pentium B960 @ 2.20GHz	1856	1470	37.90	\$48.99*
Intel Pentium B970 @ 2.30GHz	1964	1417	38.52	\$50.99*
Intel Pentium B980 @ 2.40GHz	2052	1384	29.34	\$69.95*
Intel Pentium D 805 @ 2.66GHz	534	2162	NA	NA
Intel Pentium D 830 @ 3.00GHz	644	2102	NA	NA
Intel Pentium D 915 @ 2.80GHz	584	2132	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2071	NA	NA
Intel Pentium D 950 @ 3.40GHz	741	2055	NA	NA
Intel Pentium D 960 @ 3.60GHz	823	2021	NA	NA
Intel Pentium E2140 @ 1.60GHz	870	1996	57.30	\$15.20
Intel Pentium E2160 @ 1.80GHz	998	1915	24.97	\$40.00
Intel Pentium E2180 @ 2.00GHz	1089	1860	74.60	\$14.60
Intel Pentium E2200 @ 2.20GHz	1204	1799	7.63	\$157.95
Intel Pentium E2210 @ 2.20GHz	1174	1811	NA	NA
Intel Pentium E2220 @ 2.40GHz	1336	1718	8.46	\$157.95
Intel Pentium E5200 @ 2.50GHz	1489	1646	15.04	\$99.00
Intel Pentium E5300 @ 2.60GHz	1548	1620	62.08	\$24.9
Intel Pentium E5400 @ 2.70GHz	1596	1603	10.11	\$157.9
Intel Pentium E5500 @ 2.80GHz	1634	1585	10.35	\$157.9
Intel Pentium E5700 @ 3.00GHz	1743	1519	124.63	\$13.99



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E5800 @ 3.20GHz	1911	1439	43.43	\$44.00
Intel Pentium E6300 @ 2.80GHz	1701	1542	113.84	\$14.95*
Intel Pentium E6500 @ 2.93GHz	1762	1510	11.16	\$157.95
Intel Pentium E6600 @ 3.06GHz	1875	1463	133.96	\$14.00
Intel Pentium E6700 @ 3.20GHz	1950	1421	37.59	\$51.90
Intel Pentium E6800 @ 3.33GHz	2032	1392	2.44	\$831.38*
Intel Pentium Extreme Edition 955 @ 3.46GHz	905	1983	1.19	\$759.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	1937	NA	NA
Intel Pentium G620 @ 2.60GHz	2304	1282	92.21	\$24.99
Intel Pentium G620T @ 2.20GHz	2052	1383	25.66	\$79.99*
Intel Pentium G630 @ 2.70GHz	2369	1261	94.80	\$24.99
Intel Pentium G630T @ 2.30GHz	2123	1359	26.54	\$79.99*
Intel Pentium G640 @ 2.80GHz	2525	1208	101.07	\$24.99
Intel Pentium G640T @ 2.40GHz	1906	1441	NA	NA
Intel Pentium G645 @ 2.90GHz	2602	1182	27.39	\$95.00*
Intel Pentium G645T @ 2.50GHz	2313	1279	NA	NA
Intel Pentium G840 @ 2.80GHz	2580	1192	43.02	\$59.99*
Intel Pentium G850 @ 2.90GHz	2664	1163	95.18	\$27.99
Intel Pentium G860 @ 3.00GHz	2755	1140	91.88	\$29.99
Intel Pentium G870 @ 3.10GHz	2836	1111	29.24	\$97.00*
Intel Pentium G2010 @ 2.80GHz	2618	1175	72.76	\$35.99
Intel Pentium G2020 @ 2.90GHz	2768	1131	46.18	\$59.95
Intel Pentium G2020T @ 2.50GHz	2486	1222	38.85	\$64.00*
Intel Pentium G2030 @ 3.00GHz	2884	1098	70.36	\$40.99
Intel Pentium G2030T @ 2.60GHz	2470	1227	38.60	\$64.00*
Intel Pentium G2100T @ 2.60GHz	2802	1125	NA	NA
Intel Pentium G2120 @ 3.10GHz	3074	1033	19.34	\$158.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2130 @ 3.20GHz	3208	997	35.65	\$89.99
Intel Pentium G2140 @ 3.30GHz	3387	949	33.87	\$100.00
Intel Pentium G3220 @ 3.00GHz	3151	1017	30.71	\$102.60
Intel Pentium G3220T @ 2.60GHz	2599	1183	65.01	\$39.99*
Intel Pentium G3240 @ 3.10GHz	3183	1003	44.92	\$70.88*
Intel Pentium G3240T @ 2.70GHz	2936	1081	NA	NA
Intel Pentium G3250 @ 3.20GHz	3259	980	36.65	\$88.95
Intel Pentium G3250T @ 2.80GHz	2970	1069	64.59	\$45.99*
Intel Pentium G3258 @ 3.20GHz	3911	823	28.57	\$136.93
Intel Pentium G3260 @ 3.30GHz	3381	950	41.23	\$82.03
Intel Pentium G3260T @ 2.90GHz	2919	1083	29.20	\$99.99
Intel Pentium G3320TE @ 2.30GHz	2389	1252	NA	NA
Intel Pentium G3420 @ 3.20GHz	3420	943	16.98	\$201.41*
Intel Pentium G3420T @ 2.70GHz	3008	1057	39.98	\$75.25*
Intel Pentium G3430 @ 3.30GHz	3475	928	29.92	\$116.15*
Intel Pentium G3440 @ 3.30GHz	3329	962	29.03	\$114.72*
Intel Pentium G3440T @ 2.80GHz	3101	1029	NA	NA
Intel Pentium G3450 @ 3.40GHz	3707	870	21.13	\$175.48*
Intel Pentium G3450T @ 2.90GHz	2967	1071	NA	NA
Intel Pentium G3460 @ 3.50GHz	3603	893	12.50	\$288.2
Intel Pentium G3470 @ 3.60GHz	3702	872	35.50	\$104.2
Intel Pentium G4400 @ 3.30GHz	3590	897	66.98	\$53.60

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G4400T @ 2.90GHz	3243	986	NA	NA
Intel Pentium G4500 @ 3.50GHz	3798	849	52.77	\$71.99
Intel Pentium G4500T @ 3.00GHz	3471	929	NA	NA
Intel Pentium G4520 @ 3.60GHz	4195	768	44.88	\$93.48
Intel Pentium G4560 @ 3.50GHz	4929	634	49.30	\$99.99*
Intel Pentium G4560T @ 2.90GHz	4181	773	NA	NA
Intel Pentium G4600 @ 3.60GHz	5134	601	52.99	\$96.90
Intel Pentium G4600T @ 3.00GHz	4328	745	NA	NA
Intel Pentium G4620 @ 3.70GHz	5318	582	53.19	\$99.99*
Intel Pentium G6950 @ 2.80GHz	1843	1473	14.75	\$125.00
Intel Pentium G6951 @ 2.80GHz	2311	1280	24.59	\$94.00*
Intel Pentium G6960 @ 2.93GHz	2097	1370	NA	NA
Intel Pentium III 933S @ 933MHz	238	2498	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2438	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2450	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2396	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2416	NA	NA
Intel Pentium III 1400S @ 1400MHz	301	2410	NA	NA
Intel Pentium III Mobile 750MHz	103	2582	NA	NA
Intel Pentium III Mobile 800MHz	182	2549	NA	NA
Intel Pentium III Mobile 866MHz	152	2566	NA	NA
Intel Pentium III Mobile 933MHz	218	2515	8.58	\$25.51*
Intel Pentium III Mobile 1000MHz	245	2489	NA	NA
Intel Pentium III Mobile 1066MHz	268	2462	NA	NA
Intel Pentium III Mobile 1133MHz	251	2483	NA	NA
Intel Pentium III Mobile 1200MHz	262	2470	NA	NA
Intel Pentium J2850 @ 2.41GHz	1826	1482	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	1977	1412	NA	NA
Intel Pentium J3710 @ 1.60GHz	1987	1410	NA	NA
Intel Pentium J4205 @ 1.50GHz	2300	1286	NA	NA
Intel Pentium M 1.10GHz	282	2441	NA	NA
Intel Pentium M 1.20GHz	298	2414	NA	NA
Intel Pentium M 1.30GHz	301	2409	NA	NA
Intel Pentium M 1.40GHz	345	2357	NA	NA
Intel Pentium M 1.50GHz	367	2330	NA	NA
Intel Pentium M 1.60GHz	364	2337	NA	NA
Intel Pentium M 1.70GHz	405	2284	NA	NA
Intel Pentium M 1.73GHz	415	2271	NA	NA
Intel Pentium M 1.80GHz	406	2281	NA	NA
Intel Pentium M 1.86GHz	437	2249	NA	NA
Intel Pentium M 2.00GHz	465	2218	NA	NA
Intel Pentium M 2.10GHz	448	2237	NA	NA
Intel Pentium M 2.13GHz	509	2179	NA	NA
Intel Pentium M 2.26GHz	509	2180	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2205	NA	NA
Intel Pentium M 900MHz	220	2513	NA	NA
Intel Pentium M 1000MHz	233	2503	NA	NA
Intel Pentium M 1100MHz	259	2473	NA	NA
Intel Pentium M 1200MHz	237	2499	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1300MHz	303	2403	NA	NA
Intel Pentium M 1400MHz	321	2378	NA	NA
Intel Pentium M 1500MHz	354	2345	NA	NA
Intel Pentium M 1600MHz	342	2359	NA	NA
Intel Pentium M 1700MHz	376	2319	NA	NA
Intel Pentium N3510 @ 1.99GHz	1535	1627	NA	NA
Intel Pentium N3520 @ 2.16GHz	1798	1494	NA	NA
Intel Pentium N3530 @ 2.16GHz	1890	1449	NA	NA
Intel Pentium N3540 @ 2.16GHz	1944	1425	7.75	\$250.87*
Intel Pentium N3700 @ 1.60GHz	1852	1471	4.17	\$444.78*
Intel Pentium N3710 @ 1.60GHz	1944	1426	NA	NA
Intel Pentium N4200 @ 1.10GHz	2024	1394	NA	NA
Intel Pentium P6000 @ 1.87GHz	1257	1769	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	1723	110.54	\$12.00*
Intel Pentium P6200 @ 2.13GHz	1345	1714	22.42	\$59.99*
Intel Pentium P6300 @ 2.27GHz	1395	1689	NA	NA
Intel Pentium SU2700 @ 1.30GHz	407	2280	NA	NA
Intel Pentium SU4100 @ 1.30GHz	864	1998	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2011	NA	NA
Intel Pentium T2060 @ 1.60GHz	672	2090	NA	NA
Intel Pentium T2080 @ 1.73GHz	710	2072	4.44	\$159.95*
Intel Pentium T2130 @ 1.86GHz	710	2073	NA	NA
Intel Pentium T2310 @ 1.46GHz	723	2063	NA	NA
Intel Pentium T2330 @ 1.60GHz	835	2016	NA	NA
Intel Pentium T2370 @ 1.73GHz	847	2008	24.21	\$35.00
Intel Pentium T2390 @ 1.86GHz	940	1961	NA	NA
Intel Pentium T2410 @ 2.00GHz	996	1918	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T3200 @ 2.00GHz	1026	1893	85.57	\$12.00*
Intel Pentium T3400 @ 2.16GHz	1113	1841	79.56	\$14.00
Intel Pentium T4200 @ 2.00GHz	1149	1827	95.79	\$12.00
Intel Pentium T4300 @ 2.10GHz	1241	1779	NA	NA
Intel Pentium T4400 @ 2.20GHz	1282	1752	NA	NA
Intel Pentium T4500 @ 2.30GHz	1336	1716	NA	NA
Intel Pentium U5400 @ 1.20GHz	838	2015	NA	NA
Intel Pentium U5600 @ 1.33GHz	977	1931	NA	NA
Intel T1200 @ 1.50GHz	435	2254	NA	NA
Intel T1400 @ 1.73GHz	917	1974	NA	NA
Intel T1500 @ 1.86GHz	965	1939	NA	NA
Intel T2050 @ 2.00GHz	959	1950	NA	NA
Intel Xeon 2.00GHz	233	2502	NA	NA
Intel XEON 2.20GHz	252	2481	NA	NA
Intel Xeon 2.40GHz	276	2454	30.35	\$9.10*
Intel Xeon 2.66GHz	435	2253	NA	NA
Intel Xeon 2.80GHz	400	2294	NA	NA
Intel Xeon 3.00GHz	391	2305	NA	NA
Intel Xeon 3.06GHz	491	2189	NA	NA
Intel Xeon 3.20GHz	461	2222	NA	NA
Intel Xeon 3.40GHz	478	2208	NA	NA
Intel Xeon 3.60GHz	500	2184	0.59	\$851.00

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3.73GHz	1041	1884	NA	NA
Intel Xeon 3.80GHz	604	2123	0.71	\$851.00*
Intel Xeon 1500MHz	193	2537	NA	NA
Intel Xeon 3040 @ 1.86GHz	1281	1754	51.16	\$25.04*
Intel Xeon 3050 @ 2.13GHz	1311	1727	52.04	\$25.20*
Intel Xeon 3060 @ 2.40GHz	1518	1636	52.94	\$28.69*
Intel Xeon 3065 @ 2.33GHz	1504	1642	71.99	\$20.90*
Intel Xeon 3070 @ 2.66GHz	1776	1504	4.34	\$408.95*
Intel Xeon 3075 @ 2.66GHz	1840	1477	5.26	\$349.95*
Intel Xeon 3085 @ 3.00GHz	1801	1493	NA	NA
Intel Xeon 5110 @ 1.60GHz	1079	1869	110.30	\$9.79*
Intel Xeon 5120 @ 1.86GHz	1249	1773	127.60	\$9.79*
Intel Xeon 5130 @ 2.00GHz	1378	1695	140.79	\$9.79*
Intel Xeon 5133 @ 2.20GHz	1598	1601	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1581	45.55	\$35.99*
Intel Xeon 5148 @ 2.33GHz	1590	1605	39.78	\$39.99*
Intel Xeon 5150 @ 2.66GHz	1743	1518	109.05	\$15.99*
Intel Xeon 5160 @ 3.00GHz	1964	1416	134.58	\$14.60*
Intel Xeon D-1518 @ 2.20GHz	4700	667	NA	NA
Intel Xeon D-1520 @ 2.20GHz	6396	459	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	405	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8612	290	NA	NA
Intel Xeon D-1531 @ 2.20GHz	9730	207	27.96	\$348.00*
Intel Xeon D-1540 @ 2.00GHz	10573	156	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11344	134	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	323	NA	NA
Intel Xeon D-1567 @ 2.10GHz	14693	75	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1587 @ 1.70GHz	14063	85	NA	NA
Intel Xeon E3-1220 @ 3.10GHz	6086	488	11.94	\$509.95
Intel Xeon E3-1220 V2 @ 3.10GHz	6635	435	20.16	\$329.10
Intel Xeon E3-1220 v3 @ 3.10GHz	6963	410	28.98	\$240.27
Intel Xeon E3-1220 v5 @ 3.00GHz	7684	352	29.01	\$264.91
Intel Xeon E3-1220L @ 2.20GHz	3563	904	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	4427	719	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1362	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5930	500	12.80	\$463.46
Intel Xeon E3-1225 V2 @ 3.20GHz	6834	417	20.11	\$339.95*
Intel Xeon E3-1225 v3 @ 3.20GHz	7166	389	18.68	\$383.62
Intel Xeon E3-1225 v5 @ 3.30GHz	7824	340	30.50	\$256.51
Intel Xeon E3-1225 v6 @ 3.30GHz	8157	314	34.57	\$235.99
Intel Xeon E3-1226 v3 @ 3.30GHz	7550	360	17.96	\$420.52*
Intel Xeon E3-1230 @ 3.20GHz	7939	335	18.54	\$428.35
Intel Xeon E3-1230 V2 @ 3.30GHz	8863	273	24.63	\$359.95
Intel Xeon E3-1230 v3 @ 3.30GHz	9327	238	35.27	\$264.48
Intel Xeon E3-1230 v5 @ 3.40GHz	9707	209	37.34	\$259.99*
Intel Xeon E3-1230 v6 @ 3.50GHz	11081	144	41.04	\$269.00
Intel Xeon E3-1230L v3 @ 1.80GHz	7207	385	24.94	\$289.00
Intel Xeon E3-1231 v3 @ 3.40GHz	9631	214	29.47	\$326.80
Intel Xeon E3-1235 @ 3.20GHz	7680	353	26.76	\$287.00

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Intel Xeon E3-1235L v5 @ 2.00GHz	6352	464	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	8002	331	38.29	\$209.00
Intel Xeon E3-1240 V2 @ 3.40GHz	9210	248	19.69	\$467.87
Intel Xeon E3-1240 v3 @ 3.40GHz	9707	210	32.36	\$299.99*
Intel Xeon E3-1240 v5 @ 3.50GHz	10371	164	31.33	\$331.02
Intel Xeon E3-1240 v6 @ 3.70GHz	10741	153	35.00	\$306.93
Intel Xeon E3-1240L v3 @ 2.00GHz	7487	365	NA	NA
Intel Xeon E3-1240L v5 @ 2.10GHz	7824	339	28.15	\$278.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10049	186	11.40	\$881.37
Intel Xeon E3-1245 @ 3.30GHz	8044	326	30.94	\$260.00
Intel Xeon E3-1245 V2 @ 3.40GHz	9101	255	19.70	\$461.92*
Intel Xeon E3-1245 v3 @ 3.40GHz	9583	217	18.12	\$528.86
Intel Xeon E3-1245 v5 @ 3.50GHz	10331	167	29.71	\$347.74
Intel Xeon E3-1245 v6 @ 3.70GHz	10196	174	31.97	\$318.90
Intel Xeon E3-1246 v3 @ 3.50GHz	9904	196	11.69	\$847.05*
Intel Xeon E3-1260L @ 2.40GHz	6534	445	20.22	\$323.17*
Intel Xeon E3-1260L v5 @ 2.90GHz	10067	184	31.15	\$323.17*
Intel Xeon E3-1265L @ 2.40GHz	6038	493	6.58	\$918.35*
Intel Xeon E3-1265L V2 @ 2.50GHz	7779	344	54.62	\$142.42*
Intel Xeon E3-1265L v3 @ 2.50GHz	8713	283	12.27	\$709.95
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	338	NA	NA
Intel Xeon E3-1270 @ 3.40GHz	8239	308	22.33	\$369.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9482	225	39.35	\$240.99
Intel Xeon E3-1270 v3 @ 3.50GHz	9854	199	26.64	\$369.99*
Intel Xeon E3-1270 v5 @ 3.60GHz	10260	170	28.11	\$364.99
Intel Xeon E3-1270 v6 @ 3.80GHz	11153	139	31.42	\$354.99
Intel Xeon E3-1271 v3 @ 3.60GHz	10090	182	16.37	\$616.53*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1275 @ 3.40GHz	8348	302	22.87	\$364.99*
Intel Xeon E3-1275 V2 @ 3.50GHz	9352	235	23.38	\$399.99
Intel Xeon E3-1275 v3 @ 3.50GHz	9868	197	24.61	\$400.99*
Intel Xeon E3-1275 v5 @ 3.60GHz	10357	166	28.77	\$359.99*
Intel Xeon E3-1275 v6 @ 3.80GHz	11106	142	30.43	\$364.99
Intel Xeon E3-1275L v3 @ 2.70GHz	8722	282	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10221	173	22.51	\$454.11*
Intel Xeon E3-1280 @ 3.50GHz	8473	297	7.78	\$1,089.13
Intel Xeon E3-1280 V2 @ 3.60GHz	9663	213	14.98	\$644.99*
Intel Xeon E3-1280 v3 @ 3.60GHz	9720	208	13.94	\$697.36*
Intel Xeon E3-1280 v5 @ 3.70GHz	10667	155	16.29	\$654.99*
Intel Xeon E3-1280 v6 @ 3.90GHz	11262	136	NA	NA
Intel Xeon E3-1281 v3 @ 3.70GHz	10359	165	11.80	\$877.75*
Intel Xeon E3-1285 v3 @ 3.60GHz	10252	171	NA	NA
Intel Xeon E3-1285L v3 @ 3.10GHz	9934	194	24.29	\$409.00
Intel Xeon E3-1285L v4 @ 3.40GHz	11224	137	NA	NA
Intel Xeon E3-1286 v3 @ 3.70GHz	9388	233	11.19	\$839.00*
Intel Xeon E3-1290 @ 3.60GHz	8704	284	9.84	\$885.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9744	205	11.01	\$885.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	397	NA	NA
Intel Xeon E3-1505M v5 @ 2.80GHz	8979	266	NA	NA
Intel Xeon E3-1505M v6 @ 3.00GHz	9984	192	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1515M v5 @ 2.80GHz	10509	159	NA	NA
Intel Xeon E3-1535M v5 @ 2.90GHz	9253	244	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10791	150	NA	NA
Intel Xeon E3-1545M v5 @ 2.90GHz	10566	157	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10708	154	NA	NA
Intel Xeon E3-1585 v5 @ 3.50GHz	10483	160	NA	NA
Intel Xeon E5-1410 @ 2.80GHz	7312	379	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	6822	418	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5512	550	33.41	\$164.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6090	487	NA	NA
Intel Xeon E5-1603 v4 @ 2.80GHz	6325	465	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5809	514	211.24	\$27.50*
Intel Xeon E5-1607 v2 @ 3.00GHz	6143	481	19.63	\$313.00*
Intel Xeon E5-1607 v3 @ 3.10GHz	6966	408	NA	NA
Intel Xeon E5-1607 v4 @ 3.10GHz	7401	372	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9093	257	12.91	\$704.37
Intel Xeon E5-1620 v2 @ 3.70GHz	9512	221	84.19	\$112.99*
Intel Xeon E5-1620 v3 @ 3.50GHz	9778	203	27.60	\$354.25*
Intel Xeon E5-1620 v4 @ 3.50GHz	10030	187	32.46	\$308.99
Intel Xeon E5-1630 v3 @ 3.70GHz	10245	172	17.14	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10294	168	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	11767	130	67.24	\$175.00
Intel Xeon E5-1650 v2 @ 3.50GHz	12684	113	19.52	\$649.95
Intel Xeon E5-1650 v3 @ 3.50GHz	13572	100	20.44	\$663.98
Intel Xeon E5-1650 v4 @ 3.60GHz	14253	81	22.62	\$629.99*
Intel Xeon E5-1660 @ 3.30GHz	12433	117	10.14	\$1,226.66*
Intel Xeon E5-1660 v2 @ 3.70GHz	13786	93	7.62	\$1,808.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1660 v3 @ 3.00GHz	14378	80	8.90	\$1,616.49*
Intel Xeon E5-1660 v4 @ 3.20GHz	16243	55	NA	NA
Intel Xeon E5-1680 v2 @ 3.00GHz	17102	39	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16673	44	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	16959	41	NA	NA
Intel Xeon E5-1681 v3 @ 2.90GHz	18282	31	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3475	926	8.92	\$389.69
Intel Xeon E5-2403 v2 @ 1.80GHz	3492	920	15.67	\$222.84*
Intel Xeon E5-2407 @ 2.20GHz	3795	850	11.33	\$335.02*
Intel Xeon E5-2407 v2 @ 2.40GHz	4677	672	9.82	\$476.31*
Intel Xeon E5-2418L @ 2.00GHz	5202	590	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7139	392	18.31	\$390.00
Intel Xeon E5-2420 v2 @ 2.20GHz	8570	292	16.97	\$504.95
Intel Xeon E5-2430 @ 2.20GHz	6878	414	15.42	\$446.02
Intel Xeon E5-2430 v2 @ 2.50GHz	8608	291	32.21	\$267.27
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	437	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9319	240	25.89	\$360.00
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	229	14.50	\$650.20*
Intel Xeon E5-2450 @ 2.10GHz	10186	176	20.23	\$503.00
Intel Xeon E5-2450L @ 1.80GHz	7389	375	113.68	\$65.00
Intel Xeon E5-2470 @ 2.30GHz	10061	185	6.80	\$1,479.00
Intel Xeon E5-2603 @ 1.80GHz	3570	903	8.62	\$414.46



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	858	11.28	\$333.95*
Intel Xeon E5-2603 v3 @ 1.60GHz	5140	599	23.37	\$219.95
Intel Xeon E5-2603 v4 @ 1.70GHz	5621	536	24.44	\$229.99*
Intel Xeon E5-2609 @ 2.40GHz	4594	689	41.40	\$110.98
Intel Xeon E5-2609 v2 @ 2.50GHz	5091	606	12.57	\$405.01
Intel Xeon E5-2609 v3 @ 1.90GHz	5934	499	20.47	\$290.00
Intel Xeon E5-2609 v4 @ 1.70GHz	6896	412	21.55	\$319.99*
Intel Xeon E5-2618L v3 @ 2.30GHz	12508	116	NA	NA
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	77	18.73	\$779.00*
Intel Xeon E5-2620 @ 2.00GHz	7957	334	77.26	\$103.00
Intel Xeon E5-2620 v2 @ 2.10GHz	8682	285	19.10	\$454.60
Intel Xeon E5-2620 v3 @ 2.40GHz	9992	191	23.24	\$429.99*
Intel Xeon E5-2620 v4 @ 2.10GHz	11357	133	26.41	\$429.98
Intel Xeon E5-2623 v3 @ 3.00GHz	9133	252	17.94	\$509.00
Intel Xeon E5-2623 v4 @ 2.60GHz	8061	322	14.68	\$549.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	231	NA	NA
Intel Xeon E5-2628L v3 @ 2.00GHz	12405	118	NA	NA
Intel Xeon E5-2628L v4 @ 1.90GHz	13041	106	9.56	\$1,364.00*
Intel Xeon E5-2629 v3 @ 2.40GHz	10984	146	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8898	270	55.61	\$160.00
Intel Xeon E5-2630 v2 @ 2.60GHz	10454	162	18.67	\$559.99
Intel Xeon E5-2630 v3 @ 2.40GHz	12841	110	18.75	\$684.99
Intel Xeon E5-2630 v4 @ 2.20GHz	13994	89	20.34	\$688.13
Intel Xeon E5-2630L @ 2.00GHz	7868	337	NA	NA
Intel Xeon E5-2630L v3 @ 1.80GHz	9216	247	12.26	\$751.92*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	109	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9476	226	8.70	\$1,089.70*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2637 v3 @ 3.50GHz	10281	169	7.93	\$1,295.95*
Intel Xeon E5-2637 v4 @ 3.50GHz	10029	188	8.83	\$1,136.00*
Intel Xeon E5-2640 @ 2.50GHz	9496	223	120.21	\$79.00
Intel Xeon E5-2640 v2 @ 2.00GHz	9914	195	11.14	\$889.99*
Intel Xeon E5-2640 v3 @ 2.60GHz	13965	90	14.32	\$975.24*
Intel Xeon E5-2640 v4 @ 2.40GHz	15334	67	15.05	\$1,018.85
Intel Xeon E5-2643 @ 3.30GHz	8492	296	15.44	\$550.00
Intel Xeon E5-2643 v2 @ 3.50GHz	12324	121	5.60	\$2,200.00*
Intel Xeon E5-2643 v3 @ 3.40GHz	13852	92	5.52	\$2,509.95*
Intel Xeon E5-2643 v4 @ 3.40GHz	13395	101	7.67	\$1,746.43
Intel Xeon E5-2648L v3 @ 1.80GHz	12332	120	NA	NA
Intel Xeon E5-2648L v4 @ 1.80GHz	14026	87	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10155	178	90.03	\$112.80
Intel Xeon E5-2650 v2 @ 2.60GHz	12969	108	19.58	\$662.45
Intel Xeon E5-2650 v3 @ 2.30GHz	14924	71	15.31	\$974.95
Intel Xeon E5-2650 v4 @ 2.20GHz	16142	57	13.80	\$1,169.99*
Intel Xeon E5-2650L @ 1.80GHz	8676	286	109.83	\$79.00
Intel Xeon E5-2650L v3 @ 1.80GHz	13248	103	13.12	\$1,010.00*
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	135	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9484	224	6.49	\$1,462
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	84	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	52	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2658 v4 @ 2.30GHz	16290	53	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11118	140	65.40	\$170.00
Intel Xeon E5-2660 v2 @ 2.20GHz	13577	99	25.74	\$527.50*
Intel Xeon E5-2660 v3 @ 2.60GHz	16161	56	12.43	\$1,300.00
Intel Xeon E5-2660 v4 @ 2.00GHz	18816	28	12.55	\$1,498.77*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	88	NA	NA
Intel Xeon E5-2665 @ 2.40GHz	11802	129	83.41	\$141.50*
Intel Xeon E5-2667 @ 2.90GHz	10380	163	55.32	\$187.65*
Intel Xeon E5-2667 v2 @ 3.30GHz	16546	47	21.80	\$759.00
Intel Xeon E5-2667 v3 @ 3.20GHz	16101	58	7.12	\$2,259.95*
Intel Xeon E5-2667 v4 @ 3.20GHz	16654	45	7.87	\$2,115.10
Intel Xeon E5-2670 @ 2.60GHz	12249	123	48.88	\$250.59
Intel Xeon E5-2670 v2 @ 2.50GHz	15060	70	29.59	\$508.99
Intel Xeon E5-2670 v3 @ 2.30GHz	16619	46	9.92	\$1,675.54
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	51	NA	NA
Intel Xeon E5-2673 v3 @ 2.40GHz	16982	40	24.26	\$700.00*
Intel Xeon E5-2673 v4 @ 2.30GHz	21463	14	NA	NA
Intel Xeon E5-2675 v3 @ 1.80GHz	15164	69	NA	NA
Intel Xeon E5-2676 v3 @ 2.40GHz	17795	34	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	42	NA	NA
Intel Xeon E5-2679 v4 @ 2.50GHz	25236	4	9.34	\$2,702.00*
Intel Xeon E5-2680 @ 2.70GHz	12798	111	53.34	\$239.93
Intel Xeon E5-2680 v2 @ 2.80GHz	16248	54	26.03	\$624.25
Intel Xeon E5-2680 v3 @ 2.50GHz	18782	29	12.44	\$1,510.00
Intel Xeon E5-2680 v4 @ 2.40GHz	19946	23	11.31	\$1,762.90
Intel Xeon E5-2682 v4 @ 2.50GHz	15333	68	NA	NA
Intel Xeon E5-2683 v3 @ 2.00GHz	17407	37	8.77	\$1,984.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2685 v3 @ 2.60GHz	14154	83	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	26	NA	NA
Intel Xeon E5-2687W @ 3.10GHz	14403	78	28.45	\$506.31*
Intel Xeon E5-2687W v2 @ 3.40GHz	16540	48	6.78	\$2,440.01
Intel Xeon E5-2687W v3 @ 3.10GHz	17815	33	8.13	\$2,190.00*
Intel Xeon E5-2687W v4 @ 3.00GHz	20107	21	9.09	\$2,211.95*
Intel Xeon E5-2689 @ 2.60GHz	13747	95	NA	NA
Intel Xeon E5-2689 v4 @ 3.10GHz	19521	25	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	14052	86	37.47	\$375.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16447	50	7.61	\$2,160.00
Intel Xeon E5-2690 v3 @ 2.60GHz	19245	27	10.08	\$1,909.00
Intel Xeon E5-2690 v4 @ 2.60GHz	21351	16	10.01	\$2,133.99*
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	59	NA	NA
Intel Xeon E5-2695 v2 @ 2.40GHz	15912	61	8.94	\$1,780.00
Intel Xeon E5-2695 v3 @ 2.30GHz	20374	19	8.28	\$2,460.00
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	20	7.71	\$2,627.32
Intel Xeon E5-2696 v2 @ 2.50GHz	16681	43	NA	NA
Intel Xeon E5-2696 v3 @ 2.30GHz	22542	9	9.02	\$2,498.00*
Intel Xeon E5-2696 v4 @ 2.20GHz	21446	15	12.54	\$1,710.00
Intel Xeon E5-2697 v2 @ 2.70GHz	17388	38	7.78	\$2,235.00
Intel Xeon E5-2697 v3 @ 2.60GHz	21590	13	9.43	\$2,290.00
Intel Xeon E5-2697 v4 @ 2.30GHz	21830	11	7.78	\$2,805.00



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2698 v3 @ 2.30GHz	21149	18	7.48	\$2,826.57*
Intel Xeon E5-2698 v4 @ 2.20GHz	21789	12	6.75	\$3,226.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22645	7	5.95	\$3,805.02*
Intel Xeon E5-2699 v4 @ 2.20GHz	23362	6	10.58	\$2,209.00
Intel Xeon E5-4603 @ 2.00GHz	5014	619	7.04	\$712.23*
Intel Xeon E5-4617 @ 2.90GHz	8855	274	98.51	\$89.90*
Intel Xeon E5-4620 @ 2.20GHz	8127	319	2.31	\$3,519.97*
Intel Xeon E5-4627 v3 @ 2.60GHz	14219	82	5.92	\$2,400.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	64	NA	NA
Intel Xeon E5-4640 @ 2.40GHz	10523	158	3.85	\$2,730.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	112	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	143	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	12085	126	24.57	\$491.80
Intel Xeon E5-4650L @ 2.60GHz	11821	128	1.36	\$8,684.50*
Intel Xeon E5-4660 v3 @ 2.10GHz	18007	32	3.75	\$4,800.00*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	97	NA	NA
Intel Xeon E3110 @ 3.00GHz	2169	1340	8.75	\$248.00
Intel Xeon E3113 @ 3.00GHz	2427	1237	NA	NA
Intel Xeon E3120 @ 3.16GHz	2241	1314	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	1684	148.77	\$9.42*
Intel Xeon E5240 @ 3.00GHz	2424	1238	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1306	8.71	\$259.95*
Intel Xeon E5320 @ 1.86GHz	2272	1302	14.39	\$157.95*
Intel Xeon E5335 @ 2.00GHz	2513	1214	224.63	\$11.19*
Intel Xeon E5345 @ 2.33GHz	2937	1080	8.70	\$337.84*
Intel Xeon E5405 @ 2.00GHz	2886	1097	82.51	\$34.99*
Intel Xeon E5410 @ 2.33GHz	3272	974	57.41	\$57.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5420 @ 2.50GHz	3537	911	17.51	\$202.01*
Intel Xeon E5430 @ 2.66GHz	3795	851	55.20	\$68.75*
Intel Xeon E5440 @ 2.83GHz	3997	804	25.44	\$157.12*
Intel Xeon E5450 @ 3.00GHz	4234	757	66.35	\$63.82*
Intel Xeon E5462 @ 2.80GHz	3920	822	143.62	\$27.30*
Intel Xeon E5472 @ 3.00GHz	4199	765	97.21	\$43.20
Intel Xeon E5502 @ 1.87GHz	1375	1698	14.48	\$95.00*
Intel Xeon E5503 @ 2.00GHz	1396	1688	4.87	\$287.01*
Intel Xeon E5504 @ 2.00GHz	2734	1148	52.22	\$52.36*
Intel Xeon E5506 @ 2.13GHz	2995	1061	59.94	\$49.98*
Intel Xeon E5507 @ 2.27GHz	3147	1018	6.89	\$456.91*
Intel Xeon E5520 @ 2.27GHz	4453	715	221.55	\$20.10*
Intel Xeon E5530 @ 2.40GHz	4605	686	120.23	\$38.31*
Intel Xeon E5540 @ 2.53GHz	4778	661	121.28	\$39.40*
Intel Xeon E5603 @ 1.60GHz	2364	1264	18.32	\$129.04*
Intel Xeon E5606 @ 2.13GHz	3034	1049	13.25	\$229.02
Intel Xeon E5607 @ 2.27GHz	3439	938	24.39	\$141.00*
Intel Xeon E5620 @ 2.40GHz	4866	644	198.63	\$24.50
Intel Xeon E5630 @ 2.53GHz	5127	603	69.78	\$73.4
Intel Xeon E5640 @ 2.67GHz	5311	584	86.98	\$61.06
Intel Xeon E5645 @ 2.40GHz	6539	444	73.69	\$88.75
Intel Xeon E5649 @ 2.53GHz	7051	402	61.89	\$113.95



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E7320 @ 2.13GHz	2413	1243	NA	NA
Intel Xeon Gold 6134 @ 3.20GHz	17670	36	7.68	\$2,299.99
Intel Xeon Gold 6136 @ 3.00GHz	21313	17	NA	NA
Intel Xeon L3110 @ 3.00GHz	2273	1301	NA	NA
Intel Xeon L3360 @ 2.83GHz	3820	839	42.81	\$89.23*
Intel Xeon L3426 @ 1.87GHz	3837	833	8.59	\$447.01*
Intel Xeon L5238 @ 2.66GHz	1823	1484	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1303	14.38	\$157.95*
Intel Xeon L5310 @ 1.60GHz	2274	1300	20.22	\$112.50*
Intel Xeon L5320 @ 1.86GHz	2135	1353	30.52	\$69.99*
Intel Xeon L5335 @ 2.00GHz	2756	1139	22.65	\$121.69*
Intel Xeon L5408 @ 2.13GHz	2987	1065	NA	NA
Intel Xeon L5410 @ 2.33GHz	3367	954	33.65	\$100.08*
Intel Xeon L5420 @ 2.50GHz	3493	919	53.75	\$65.00*
Intel Xeon L5430 @ 2.66GHz	3777	853	23.91	\$157.95*
Intel Xeon L5506 @ 2.13GHz	3715	867	29.73	\$125.00*
Intel Xeon L5520 @ 2.27GHz	4387	730	39.90	\$109.95*
Intel Xeon L5530 @ 2.40GHz	4351	737	NA	NA
Intel Xeon L5630 @ 2.13GHz	4420	722	278.03	\$15.90*
Intel Xeon L5638 @ 2.00GHz	5556	545	79.49	\$69.90*
Intel Xeon L5639 @ 2.13GHz	7021	404	NA	NA
Intel Xeon L5640 @ 2.27GHz	6451	454	117.31	\$55.00*
Intel Xeon L7455 @ 2.13GHz	3836	834	NA	NA
Intel Xeon MV 3.20GHz	683	2086	NA	NA
Intel Xeon Silver 4110 @ 2.10GHz	11423	132	22.36	\$511.00*
Intel Xeon Silver 4114 @ 2.20GHz	14746	73	20.95	\$704.00*
Intel Xeon W3503 @ 2.40GHz	1768	1508	27.21	\$64.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W3505 @ 2.53GHz	1858	1469	NA	NA
Intel Xeon W3520 @ 2.67GHz	5061	612	12.53	\$403.90*
Intel Xeon W3530 @ 2.80GHz	5366	574	18.26	\$293.95
Intel Xeon W3540 @ 2.93GHz	5479	558	15.22	\$359.95*
Intel Xeon W3550 @ 3.07GHz	5716	528	24.32	\$235.00*
Intel Xeon W3565 @ 3.20GHz	5948	498	85.05	\$69.95*
Intel Xeon W3570 @ 3.20GHz	6165	477	12.85	\$479.95*
Intel Xeon W3580 @ 3.33GHz	6398	458	29.83	\$214.50*
Intel Xeon W3670 @ 3.20GHz	8195	310	27.78	\$295.00*
Intel Xeon W3680 @ 3.33GHz	9192	249	20.27	\$453.45*
Intel Xeon W3690 @ 3.47GHz	9354	234	4.96	\$1,885.51
Intel Xeon W5580 @ 3.20GHz	5836	513	57.25	\$101.95*
Intel Xeon W5590 @ 3.33GHz	6183	474	22.90	\$269.99*
Intel Xeon X3210 @ 2.13GHz	2767	1132	18.58	\$149.00*
Intel Xeon X3220 @ 2.40GHz	3100	1030	53.46	\$57.99*
Intel Xeon X3230 @ 2.66GHz	3442	935	9.56	\$359.95*
Intel Xeon X3320 @ 2.50GHz	3335	960	14.53	\$229.50*
Intel Xeon X3323 @ 2.50GHz	3170	1008	44.66	\$70.99*
Intel Xeon X3330 @ 2.66GHz	3534	912	16.83	\$210.
Intel Xeon X3350 @ 2.66GHz	3876	829	64.62	\$59.95
Intel Xeon X3353 @ 2.66GHz	3925	820	58.94	\$66.61
Intel Xeon X3360 @ 2.83GHz	3985	808	70.33	\$56.67*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3363 @ 2.83GHz	4041	792	25.59	\$157.95*
Intel Xeon X3370 @ 3.00GHz	4335	739	11.81	\$367.02*
Intel Xeon X3380 @ 3.16GHz	4697	668	NA	NA
Intel Xeon X3430 @ 2.40GHz	3376	951	16.32	\$206.90*
Intel Xeon X3440 @ 2.53GHz	4557	699	29.40	\$155.01*
Intel Xeon X3450 @ 2.67GHz	4874	642	37.50	\$130.00*
Intel Xeon X3460 @ 2.80GHz	5117	605	67.78	\$75.50*
Intel Xeon X3470 @ 2.93GHz	5190	592	10.18	\$509.95
Intel Xeon X3480 @ 3.07GHz	5739	527	NA	NA
Intel Xeon X5260 @ 3.33GHz	2451	1229	17.61	\$139.24*
Intel Xeon X5270 @ 3.50GHz	2524	1209	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1251	17.10	\$140.00*
Intel Xeon X5355 @ 2.66GHz	3267	977	51.06	\$64.00
Intel Xeon X5365 @ 3.00GHz	3491	921	26.10	\$133.78
Intel Xeon X5450 @ 3.00GHz	4166	775	26.38	\$157.95*
Intel Xeon X5460 @ 3.16GHz	4376	733	87.68	\$49.91*
Intel Xeon X5470 @ 3.33GHz	4675	674	16.94	\$276.00
Intel Xeon X5472 @ 3.00GHz	4036	794	17.94	\$225.00*
Intel Xeon X5482 @ 3.20GHz	4581	692	45.82	\$99.99*
Intel Xeon X5492 @ 3.40GHz	4840	650	3.48	\$1,391.29*
Intel Xeon X5550 @ 2.67GHz	5416	567	242.89	\$22.30*
Intel Xeon X5560 @ 2.80GHz	5426	565	108.58	\$49.98*
Intel Xeon X5570 @ 2.93GHz	5679	530	54.09	\$105.00*
Intel Xeon X5647 @ 2.93GHz	5980	495	34.17	\$175.00*
Intel Xeon X5650 @ 2.67GHz	7480	366	149.62	\$50.00
Intel Xeon X5660 @ 2.80GHz	7752	346	80.82	\$95.92
Intel Xeon X5667 @ 3.07GHz	4722	664	47.27	\$99.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5670 @ 2.93GHz	7989	332	102.46	\$77.98
Intel Xeon X5672 @ 3.20GHz	6476	449	56.26	\$115.12*
Intel Xeon X5675 @ 3.07GHz	8529	293	44.90	\$189.98
Intel Xeon X5677 @ 3.47GHz	6963	409	19.90	\$350.00*
Intel Xeon X5679 @ 3.20GHz	8652	289	NA	NA
Intel Xeon X5680 @ 3.33GHz	8735	281	45.28	\$192.92
Intel Xeon X5687 @ 3.60GHz	7123	395	113.07	\$63.00*
Intel Xeon X5690 @ 3.47GHz	9019	262	47.60	\$189.50
Intel Xeon X5698 @ 4.40GHz	4272	751	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1066	NA	NA
Mobile AMD Athlon 4	314	2387	3.62	\$86.99*
Mobile AMD Athlon 4 2400+	358	2341	NA	NA
Mobile AMD Athlon 64 2700+	398	2295	NA	NA
Mobile AMD Athlon 64 2800+	440	2244	NA	NA
Mobile AMD Athlon 64 3000+	450	2235	NA	NA
Mobile AMD Athlon 64 3200+	448	2238	NA	NA
Mobile AMD Athlon 64 3400+	511	2176	NA	NA
Mobile AMD Athlon 64 3700+	435	2255	NA	NA
Mobile AMD Athlon 64 4000+	576	2135	NA	NA
Mobile AMD Athlon 1400+	266	2465	NA	NA
Mobile AMD Athlon 2500+	370	2327	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2466	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon MP-M 2000+	378	2317	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2419	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2188	NA	NA
Mobile AMD Athlon XP	572	2140	48.53	\$11.79*
Mobile AMD Athlon XP-M	512	2174	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2547	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2471	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2474	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2375	NA	NA
Mobile AMD Athlon XP-M 1800+	312	2391	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2360	NA	NA
Mobile AMD Athlon XP-M 2000+	300	2411	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2336	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2356	NA	NA
Mobile AMD Athlon XP-M 2500+	351	2350	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2326	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2334	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2333	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2245	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2197	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2181	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2427	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2418	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2366	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2324	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2211	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2182	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Sempron 2100+	252	2482	NA	NA
Mobile AMD Sempron 2600+	394	2301	NA	NA
Mobile AMD Sempron 2800+	358	2342	NA	NA
Mobile AMD Sempron 3000+	389	2309	NA	NA
Mobile AMD Sempron 3100+	416	2269	NA	NA
Mobile AMD Sempron 3200+	354	2346	NA	NA
Mobile AMD Sempron 3300+	444	2241	NA	NA
Mobile AMD Sempron 3400+	443	2243	NA	NA
Mobile AMD Sempron 3500+	411	2274	NA	NA
Mobile AMD Sempron 3600+	429	2261	NA	NA
Mobile AMD Sempron 3800+	517	2170	NA	NA
Mobile Intel Celeron 1.20GHz	170	2556	NA	NA
Mobile Intel Celeron 1.50GHz	188	2540	NA	NA
Mobile Intel Celeron 1.60GHz	188	2541	NA	NA
Mobile Intel Celeron 1.70GHz	181	2550	NA	NA
Mobile Intel Celeron 1.80GHz	186	2544	NA	NA
Mobile Intel Celeron 2.00GHz	204	2529	NA	NA
Mobile Intel Celeron 2.20GHz	226	2509	NA	NA
Mobile Intel Celeron 2.40GHz	239	2496	NA	NA
Mobile Intel Celeron 2.50GHz	281	2445	NA	NA
Mobile Intel Celeron 1200MHz	294	2420	NA	NA
Mobile Intel Celeron 1333MHz	309	2397	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 2.30GHz	278	2451	6.38	\$43.56*
Mobile Intel Pentium 4 2.40GHz	264	2468	NA	NA
Mobile Intel Pentium 4 2.66GHz	279	2449	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2385	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2364	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2343	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2246	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2209	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2535	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2555	0.95	\$181.99
Mobile Intel Pentium 4 - M 1.80GHz	186	2543	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2504	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2531	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	209	2525	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2519	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2476	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2388	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2521	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2533	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2486	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2424	NA	NA
Mobile Intel Pentium III - M 1200MHz	263	2469	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2425	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1217	NA	NA
Quad-Core AMD Opteron 1385	3442	934	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3308	969	NA	NA
VIA C3 Ezra	100	2583	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA C7 1500MHz	284	2439	NA	NA
VIA C7-D 1500MHz	287	2432	NA	NA
VIA C7-D 1800MHz	201	2532	NA	NA
VIA C7-D 2000MHz	368	2329	NA	NA
VIA C7-M 1000MHz	164	2559	NA	NA
VIA C7-M 1200MHz	140	2571	NA	NA
VIA C7-M 1600MHz	178	2552	NA	NA
VIA C7-M 6300MHz	222	2511	NA	NA
VIA Eden 800MHz	155	2563	NA	NA
VIA Eden 1200MHz	142	2570	NA	NA
VIA Eden C1050@1.06GHz	352	2349	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2207	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1147	1831	NA	NA
VIA Esther 1000MHz	169	2557	NA	NA
VIA Esther 1300MHz	250	2485	NA	NA
VIA Esther 1500MHz	219	2514	NA	NA
VIA Esther 2000MHz	394	2300	NA	NA
VIA Nano L1900@1400MHz	457	2228	NA	NA
VIA Nano L2007@1600MHz	381	2314	NA	NA
VIA Nano L2100@1800MHz	428	2263	NA	NA
VIA Nano L2207@1600MHz	296	2417	NA	NA
VIA Nano L3025@1600MHz	517	2171	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano L3050@1800MHz	581	2133	NA	NA
VIA Nano L3600@2000MHz	645	2101	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2318	NA	NA
VIA Nano U2250@1300+MHz	274	2458	NA	NA
VIA Nano U2500@1200MHz	306	2401	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2183	NA	NA
VIA Nano U3300@1200MHz	409	2277	NA	NA
VIA Nano U3500@1000MHz	275	2455	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	605	2121	NA	NA
VIA Nehemiah	155	2564	NA	NA
VIA QuadCore C4650@2.0GHz	1940	1427	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	1705	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	1812	NA	NA
VIA Samuel 2	79	2585	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	220	24.17	\$317.40*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	80	13.80	\$1,279.92*
[Dual CPU] AMD Athlon 64 FX-72	3163	314	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2947	320	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	363	NA	NA
[Dual CPU] AMD EPYC 7551	30966	5	NA	NA
[Dual CPU] AMD Opteron 246	1130	352	11.30	\$99.98
[Dual CPU] AMD Opteron 248	1053	353	43.88	\$24.00
[Dual CPU] AMD Opteron 250	1438	349	65.36	\$22.00
[Dual CPU] AMD Opteron 252	1385	350	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	358	NA	NA
[Dual CPU] AMD Opteron 256	1853	346	NA	NA
[Dual CPU] AMD Opteron 270	2226	341	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	344	9.70	\$219.90
[Dual CPU] AMD Opteron 280	2452	336	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	329	NA	NA
[Dual CPU] AMD Opteron 290	2807	326	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	323	NA	NA
[Dual CPU] AMD Opteron 2212	2203	342	91.79	\$24.00
[Dual CPU] AMD Opteron 2214 HE	2463	335	NA	NA
[Dual CPU] AMD Opteron 2216	2485	334	6.98	\$356.00*
[Dual CPU] AMD Opteron 2216 HE	2593	332	NA	NA
[Dual CPU] AMD Opteron 2218	2719	330	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	333	NA	NA
[Dual CPU] AMD Opteron 2220	2850	324	0.97	\$2,950.00*
[Dual CPU] AMD Opteron 2220 SE	2882	322	75.84	\$38.00
[Dual CPU] AMD Opteron 2222	2951	319	0.89	\$3,329.00*

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2222 SE	3257	312	116.32	\$28.00
[Dual CPU] AMD Opteron 2346 HE	4095	302	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3501	309	7.42	\$471.66*
[Dual CPU] AMD Opteron 2350	4090	303	7.57	\$539.98*
[Dual CPU] AMD Opteron 2354	4566	292	6.88	\$664.02*
[Dual CPU] AMD Opteron 2356	4487	294	150.07	\$29.90
[Dual CPU] AMD Opteron 2360 SE	5315	276	189.82	\$28.00
[Dual CPU] AMD Opteron 2374 HE	4799	289	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	277	174.60	\$30.00*
[Dual CPU] AMD Opteron 2378	5559	272	15.53	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	264	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	261	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6441	247	NA	NA
[Dual CPU] AMD Opteron 2389	5728	265	10.12	\$566.00
[Dual CPU] AMD Opteron 2419	5191	280	25.96	\$199.98*
[Dual CPU] AMD Opteron 2425 HE	6209	254	NA	NA
[Dual CPU] AMD Opteron 2427	5980	259	31.43	\$190.28*
[Dual CPU] AMD Opteron 2431	6438	248	87.00	\$74.00
[Dual CPU] AMD Opteron 2435	7184	231	29.83	\$240.80*
[Dual CPU] AMD Opteron 2439 SE	8071	206	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	304	7.84	\$519.90
[Dual CPU] AMD Opteron 4130	5651	267	9.15	\$617.90
[Dual CPU] AMD Opteron 4170 HE	6344	250	9.33	\$679.90
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 4184	7848	213	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	205	8.64	\$936.14*
[Dual CPU] AMD Opteron 4228 HE	7986	208	NA	NA
[Dual CPU] AMD Opteron 4234	9361	176	15.57	\$601.40*
[Dual CPU] AMD Opteron 4276 HE	9681	170	NA	NA
[Dual CPU] AMD Opteron 4280	4525	293	4.96	\$912.88*
[Dual CPU] AMD Opteron 4284	7833	214	10.96	\$714.60*
[Dual CPU] AMD Opteron 4334	9468	174	21.87	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	149	NA	NA
[Dual CPU] AMD Opteron 4376 HE	10244	156	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	139	15.01	\$757.04*
[Dual CPU] AMD Opteron 6128	6881	240	47.09	\$146.12*
[Dual CPU] AMD Opteron 6128 HE	5582	270	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	191	NA	NA
[Dual CPU] AMD Opteron 6136	7255	228	10.10	\$718.00
[Dual CPU] AMD Opteron 6164 HE	5109	282	NA	NA
[Dual CPU] AMD Opteron 6168	7741	217	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7664	221	18.25	\$419.90
[Dual CPU] AMD Opteron 6174	8776	188	2.90	\$3,028.40*
[Dual CPU] AMD Opteron 6176 SE	8448	193	15.30	\$552.00*
[Dual CPU] AMD Opteron 6180 SE	3114	315	NA	NA
[Dual CPU] AMD Opteron 6204	7134	233	NA	NA
[Dual CPU] AMD Opteron 6212	8955	181	21.37	\$419.90
[Dual CPU] AMD Opteron 6220	10402	151	29.69	\$350.40
[Dual CPU] AMD Opteron 6234	10504	146	13.13	\$799.90
[Dual CPU] AMD Opteron 6238	10349	153	4.76	\$2,176.00

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6272	10026	161	15.42	\$650.00
[Dual CPU] AMD Opteron 6274	10682	144	5.88	\$1,817.90
[Dual CPU] AMD Opteron 6275	9936	165	NA	NA
[Dual CPU] AMD Opteron 6276	10194	159	20.89	\$488.00
[Dual CPU] AMD Opteron 6284 SE	11985	127	NA	NA
[Dual CPU] AMD Opteron 6308	8351	196	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10914	142	23.42	\$466.00
[Dual CPU] AMD Opteron 6328	11556	135	11.33	\$1,019.98
[Dual CPU] AMD Opteron 6344	11178	140	12.46	\$897.42
[Dual CPU] AMD Opteron 6348	11412	138	9.21	\$1,239.36*
[Dual CPU] AMD Opteron 6376	10405	150	7.21	\$1,443.04
[Dual CPU] AMD Opteron 6378	2905	321	3.64	\$798.00
[Dual CPU] AMD Opteron 6380	14200	105	18.21	\$779.72
[Dual CPU] AMD Opteron 6386 SE	10764	143	2.24	\$4,815.02*
[Dual CPU] AMD Opteron 8218	2831	325	117.96	\$24.00
[Dual CPU] AMD Opteron 8222 SE	2793	328	0.52	\$5,377.08*
[Dual CPU] AMD Opteron 8354	3223	313	134.29	\$24.00
[Dual CPU] AMD Opteron 8380	5643	268	13.70	\$412.00*
[Dual CPU] AMD Opteron 8381 HE	5210	278	NA	NA
[Dual CPU] AMD Opteron 8389	6517	245	12.23	\$532.82*
[Dual CPU] AMD Opteron 8431	5813	263	20.04	\$290.00*
[Dual CPU] AMD Opteron 8435	7606	223	38.42	\$197.98
[Dual CPU] AMD Opteron 8439 SE	7691	219	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	351	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	339	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	308	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	8220	203	2.28	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	372	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	370	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	366	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	368	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	373	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	374	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	371	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	479	369	26.32	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	364	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	672	360	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	784	359	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	362	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	856	357	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	894	356	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	925	355	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1861	345	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	998	354	0.59	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2170	343	110.83	\$19.58
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	338	117.98	\$19.58
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2617	331	133.66	\$19.58
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	316	NA	NA

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[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2997	318	41.64	\$71.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	317	37.50	\$79.98*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3455	310	108.04	\$31.98*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3860	306	132.19	\$29.20*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	5988	258	7.68	\$779.38
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	251	14.14	\$445.68*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7387	226	11.02	\$670.04*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11832	129	15.17	\$780.00
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11725	131	11.61	\$1,009.90
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	198	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	111	15.29	\$892.04
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	14265	104	26.69	\$534.54
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	121	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	109	13.62	\$1,007.00*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11866	128	91.28	\$130.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	90	5.61	\$2,959.98*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	75	4.13	\$4,500.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6280	253	7.58	\$828.92*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	244	9.76	\$667.90*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8362	195	19.01	\$439.90
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8802	187	19.14	\$459.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8230	202	37.08	\$221.96
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8683	190	10.72	\$810.02
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9920	166	17.10	\$580.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10962	141	17.13	\$639.98*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12543	119	60.89	\$206.00
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13471	115	14.82	\$909.20
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15292	97	17.78	\$859.98*
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16777	87	19.51	\$859.96
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14108	106	13.86	\$1,018.00
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	11690	132	10.65	\$1,098.00*
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13652	110	42.66	\$320.00
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16208	91	14.47	\$1,119.98
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18587	74	13.57	\$1,369.98
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18881	73	13.72	\$1,376.26
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	10641	145	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	112	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15176	98	10.09	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	16162	92	7.42	\$2,179.40*
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16734	89	6.46	\$2,591.90*
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16860	86	7.42	\$2,272.00*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14759	100	93.41	\$158.00
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14495	102	8.14	\$1,779.98*
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20691	59	10.61	\$1,950.48*
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20574	61	10.10	\$2,037.70
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13587	114	12.35	\$1,100.00
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21260	54	4.83	\$4,400.00
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	20938	57	4.17	\$5,019.00
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21672	52	6.20	\$3,492.00

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	122	NA	NA
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15054	99	66.73	\$225.60
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19147	72	14.45	\$1,324.90
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20474	63	10.50	\$1,949.90
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20499	62	8.76	\$2,339.98*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	103	91.04	\$158.00
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	12577	118	12.59	\$998.98*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	58	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18096	79	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16762	88	49.30	\$340.00
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18541	76	17.57	\$1,055.00*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22733	45	8.74	\$2,600.00
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23032	41	7.68	\$2,997.54*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	37	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17648	81	62.36	\$283.00*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	24	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17014	84	45.33	\$375.30*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	23234	38	15.31	\$1,518.00
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23207	39	5.13	\$4,519.90*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	24081	31	5.69	\$4,230.20
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18303	77	36.52	\$501.18
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	21687	51	21.30	\$1,017.98
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22360	48	6.67	\$3,351.08
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23077	40	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 E5-2673 v3 @ 2.40GHz	22959	43	16.40	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	11	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	67	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21820	49	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	10	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18290	78	38.12	\$479.86
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	22907	44	18.35	\$1,248.50
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	25272	22	8.37	\$3,020.00
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	36	6.63	\$3,525.80
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21811	50	5.49	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24709	26	6.50	\$3,799.98*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	23025	42	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	25701	20	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	21178	56	20.91	\$1,012.62*
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	24193	29	4.96	\$4,880.02
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24289	28	5.55	\$4,380.00*
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26743	16	6.05	\$4,423.90*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	20362	65	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26470	17	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	20374	64	27.17	\$750.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23979	32	5.55	\$4,320.00
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25709	19	6.73	\$3,810.00
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27897	13	6.54	\$4,260.00
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20304	66	5.70	\$3,560.00
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24947	23	5.07	\$4,920.00

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[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	21	4.88	\$5,254.64
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23914	33	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30414	7	6.09	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	32379	3	9.47	\$3,420.00
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23645	34	5.29	\$4,470.00
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28374	12	6.20	\$4,580.00
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30520	6	5.44	\$5,610.00
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	27280	15	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29958	9	5.30	\$5,653.14*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	33192	2	5.14	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	30	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	24819	25	3.26	\$7,610.04*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34330	1	7.77	\$4,418.00
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	60	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	70	NA	NA
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	71	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19588	69	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19753	68	20.08	\$983.60
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	46	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	14	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	124	44.98	\$270.00
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	94	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	47	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	17541	82	2.66	\$6,587.58*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	340	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	305	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3564	307	6.86	\$519.90*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4154	301	13.15	\$315.90*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	285	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4594	291	205.27	\$22.38*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5150	281	7.62	\$675.68*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5200	279	74.31	\$69.98*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6073	256	53.27	\$114.00
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6414	249	15.88	\$404.02*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6896	239	50.15	\$137.50*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7244	229	23.05	\$314.24*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7613	222	59.64	\$127.64*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7232	230	132.45	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7850	212	90.86	\$86.40
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2425	337	12.76	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	327	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4912	286	46.91	\$104.72*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5062	283	50.64	\$99.96*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5432	274	5.94	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7438	225	185.02	\$40.20*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7740	218	101.02	\$76.60
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	8004	207	101.57	\$78.80
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4236	299	16.41	\$258.00
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5579	271	12.18	\$458.04

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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	6003	257	21.29	\$282.00*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8186	204	167.06	\$49.00
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8412	194	57.23	\$146.98*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8848	185	72.45	\$122.12*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10432	148	58.77	\$177.50*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10377	152	45.53	\$227.90*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	273	87.81	\$62.00*
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	55	NA	NA
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	23396	35	6.89	\$3,394.00*
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	30323	8	5.18	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	26349	18	NA	NA
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	295	14.15	\$315.90*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	298	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	287	20.10	\$243.38*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	269	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6163	255	30.79	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6499	246	49.99	\$130.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6600	242	20.89	\$315.90*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	238	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	7001	237	31.84	\$219.90*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	209	NA	NA
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7054	235	221.82	\$31.80*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	182	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9618	171	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 L5640 @ 2.27GHz	9887	167	89.88	\$110.00*
[Dual CPU] Intel Xeon MP 2.50GHz	550	365	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	367	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	636	361	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1538	347	NA	NA
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	160	49.58	\$203.90*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10343	154	19.15	\$539.98*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	155	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4795	290	17.22	\$278.48*
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	288	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5850	262	45.70	\$128.00
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6293	252	23.52	\$267.56
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7533	224	23.85	\$315.90*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7917	210	79.31	\$99.82*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8251	201	14.95	\$552.00
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7783	215	17.30	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8312	199	41.56	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8888	184	3.19	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	9054	178	203.00	\$44.60*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9119	177	91.23	\$99.96*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9601	172	45.72	\$210.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9939	163	28.40	\$350.00
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11488	137	114.88	\$100.00
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11780	130	61.41	\$191.80
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	186	44.13	\$199.80

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12447	120	79.81	\$155.96
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	9999	162	43.43	\$230.24*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12712	116	33.46	\$379.96
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11586	134	16.55	\$700.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	113	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13729	108	35.58	\$385.84
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	12090	125	95.95	\$126.00*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	14075	107	37.14	\$379.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8974	180	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	243	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	189	41.21	\$211.60*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	164	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	133	36.35	\$319.98*
[Dual CPU] Quad-Core AMD Opteron 2352	4232	300	9.62	\$440.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	284	15.28	\$330.00*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	297	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	296	199.09	\$21.98
[Dual CPU] Quad-Core AMD Opteron 8378	5382	275	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	241	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	266	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	260	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	197	NA	NA
[Quad CPU] AMD Opteron 6136	9767	168	6.80	\$1,436.00
[Quad CPU] AMD Opteron 6272	10243	157	7.88	\$1,300.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 6274	10488	147	2.88	\$3,635.80
[Quad CPU] AMD Opteron 6276	15342	96	15.72	\$976.00
[Quad CPU] AMD Opteron 6278	12055	126	4.35	\$2,770.00*
[Quad CPU] AMD Opteron 6376	14681	101	5.09	\$2,886.08
[Quad CPU] AMD Opteron 8360 SE	7915	211	94.23	\$84.00*
[Quad CPU] AMD Opteron 8382	8553	192	10.74	\$796.00
[Quad CPU] AMD Opteron 8425 HE	7359	227	NA	NA
[Quad CPU] AMD Opteron 8431	8252	200	14.23	\$580.00*
[Quad CPU] AMD Opteron 8435	7099	234	17.93	\$395.96
[Quad CPU] AMD Opteron 8439 SE	8943	183	NA	NA
[Quad CPU] Intel Xeon 3.00GHz	1472	348	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	311	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	85	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24511	27	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	53	10.86	\$1,967.20
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	93	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	4	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	83	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	117	2.80	\$4,538.76*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	236	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	216	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	158	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9444	175	13.18	\$716.76*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	179	10.76	\$839.96*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	169	NA	NA



CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	173	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12250	123	28.95	\$423.20*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	136	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	15414	95	24.09	\$639.96*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	232	163.10	\$43.96

* - Last price seen from our affiliates.

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