

# CPU Benchmarks

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How does your CPU compare?  
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**PerformanceTest V7!**

## 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.

---- Select A Page ----

## 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	1303	NA	NA
AMD A10-4600M APU	4892	177	NA	NA
AMD A10-4655M APU	4126	227	NA	NA
AMD A10-5700 APU	6921	93	53.24	\$129.99*
AMD A10-5800K APU	7451	80	57.32	\$129.99*
AMD A4-3300 APU	1674	598	33.49	\$49.99*
AMD A4-3300M APU	1608	623	NA	NA
AMD A4-3305M APU	1423	691	NA	NA
AMD A4-3310MX APU	1378	711	NA	NA
AMD A4-3320M APU	1423	690	NA	NA
AMD A4-3400 APU	1770	568	35.41	\$49.99*
AMD A4-3420 APU	1765	570	NA	NA
AMD A6-3400M APU	2917	367	NA	NA
AMD A6-3410MX APU	2304	459	NA	NA
AMD A6-3420M APU	2281	461	NA	NA
AMD A6-3430MX APU	2476	432	NA	NA
AMD A6-3500 APU	2237	471	31.96	\$69.99*
AMD A6-3600 APU	4186	221	NA	NA
AMD A6-3620 APU	3496	299	NA	NA
AMD A6-3650 APU	3554	292	44.43	\$79.99*
AMD A6-3670 APU	4004	239	NA	NA
AMD A6-4400M APU	2534	425	NA	NA
AMD A6-4455M APU	2057	500	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 A8-3500M APU	2346	449	NA	NA
AMD A8-3510MX APU	2768	385	NA	NA
AMD A8-3520M APU	2381	442	NA	NA
AMD A8-3530MX APU	2598	415	NA	NA
AMD A8-3550MX APU	2726	391	NA	NA
AMD A8-3800 APU	3737	265	NA	NA
AMD A8-3820 APU	3717	268	NA	NA
AMD A8-3850 APU	4262	216	50.15	\$84.99*
AMD A8-3870 APU	4692	192	42.66	\$109.99*
AMD A8-4500M APU	4171	223	NA	NA
AMD A8-5500 APU	6417	113	NA	NA
AMD A8-5600K APU	6872	96	62.48	\$109.99*
AMD Athlon	322	1252	NA	NA
AMD Athlon 1500+	317	1259	NA	NA
AMD Athlon 1640B	683	979	13.66	\$50.00**
AMD Athlon 2200+	363	1217	4.27	\$84.95*
AMD Athlon 2500+	374	1201	13.81	\$27.09**
AMD Athlon 2600+	444	1128	14.54	\$30.53**
AMD Athlon 2650e	402	1178	4.90	\$82.03**
AMD Athlon 2800+	460	1112	8.34	\$55.13**
AMD Athlon 2850e	486	1083	NA	NA
AMD Athlon 3000+	480	1095	NA	NA
AMD Athlon 3100+	485	1086	NA	NA
AMD Athlon 3200+	458	1114	4.63	\$98.95*
AMD Athlon 4	279	1313	NA	NA
AMD Athlon 64 2800+	456	1116	4.56	\$99.99**
AMD Athlon 64 3000+	484	1088	32.75	\$14.78*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 3200+	525	1057	3.75	\$139.95**
AMD Athlon 64 3300+	600	1013	NA	NA
AMD Athlon 64 3400+	578	1028	NA	NA
AMD Athlon 64 3500+	562	1037	13.71	\$41.00*
AMD Athlon 64 3600+	601	1012	NA	NA
AMD Athlon 64 3700+	589	1020	11.78	\$50.00*
AMD Athlon 64 3800+	607	1009	3.21	\$188.95*
AMD Athlon 64 4000+	649	993	3.45	\$187.95*
AMD Athlon 64 FX-51	437	1135	NA	NA
AMD Athlon 64 FX-53	646	994	NA	NA
AMD Athlon 64 FX-55	676	981	1.13	\$598.95**
AMD Athlon 64 FX-57	740	963	NA	NA
AMD Athlon 64 FX-60 Dual Core	1393	707	NA	NA
AMD Athlon 64 FX-62 Dual Core	1562	642	NA	NA
AMD Athlon 64 FX-74	1566	641	3.14	\$499.50**
AMD Athlon 64 X2	792	941	NA	NA
AMD Athlon 64 X2 Dual Core 3400+	955	878	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	1005	852	NA	NA
AMD Athlon 64 X2 Dual Core 3800+	1043	839	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1079	828	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1147	798	NA	NA
AMD Athlon 64 X2 Dual Core 4400+	1151	794	3.85	\$298.95**
AMD Athlon 64 X2 Dual Core 4600+	1263	756	6.01	\$210.95**
AMD Athlon 64 X2 Dual Core 4800+	1296	740	2.88	\$449.95**

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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 64 X2 Dual Core 5000+	1346	725	4.06	\$331.49**
AMD Athlon 64 X2 Dual Core 5200+	1395	705	30.73	\$45.39**
AMD Athlon 64 X2 Dual Core 5400+	1494	671	28.19	\$52.99**
AMD Athlon 64 X2 Dual Core 5600+	1516	662	7.62	\$198.95*
AMD Athlon 64 X2 Dual Core 5800+	1649	608	18.32	\$90.00**
AMD Athlon 64 X2 Dual Core 6000+	1632	616	9.60	\$169.99*
AMD Athlon 64 X2 Dual Core 6400+	1779	566	NA	NA
AMD Athlon 64 X2 Dual Core BE-230	1095	821	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	980	867	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	991	858	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	895	902	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	822	930	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	860	914	NA	NA
AMD Athlon 64 X2 Dual-Core TK-57	925	889	NA	NA
AMD Athlon 64 X2 TK-55	955	877	NA	NA
AMD Athlon 7450 Dual-Core	1372	715	NA	NA
AMD Athlon 7550 Dual-Core	1405	698	22.66	\$62.00**
AMD Athlon 7750 Dual-Core	1527	655	30.55	\$49.99**
AMD Athlon 7850 Dual-Core	1572	635	6.29	\$249.95**
AMD Athlon Dual Core 4050e	1093	822	NA	NA
AMD Athlon Dual Core 4450B	1242	767	NA	NA
AMD Athlon Dual Core 4450e	1197	779	NA	NA
AMD Athlon Dual Core 4850B	1397	704	NA	NA
AMD Athlon Dual Core 4850e	1328	730	NA	NA
AMD Athlon Dual Core 5000B	1335	726	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 5050e	1403	701	NA	NA
AMD Athlon Dual Core 5200B	1404	700	NA	NA
AMD Athlon Dual Core 5400B	1496	670	NA	NA
AMD Athlon Dual Core 5600B	1645	613	NA	NA
AMD Athlon II 160u	535	1050	NA	NA
AMD Athlon II 170u	621	1002	NA	NA
AMD Athlon II Dual-Core M300	1161	792	NA	NA
AMD Athlon II Dual-Core M320	1185	781	NA	NA
AMD Athlon II Dual-Core M340	1220	771	NA	NA
AMD Athlon II N330 Dual-Core	1238	768	NA	NA
AMD Athlon II N350 Dual-Core	1329	729	NA	NA
AMD Athlon II N370 Dual-Core	1629	618	NA	NA
AMD Athlon II Neo K125	496	1077	NA	NA
AMD Athlon II Neo K145	574	1031	NA	NA
AMD Athlon II Neo K325 Dual-Core	781	948	NA	NA
AMD Athlon II Neo K345 Dual-Core	895	901	NA	NA
AMD Athlon II Neo N36L Dual-Core	805	936	NA	NA
AMD Athlon II P320 Dual-Core	1249	763	NA	NA
AMD Athlon II P340 Dual-Core	1294	742	NA	NA
AMD Athlon II P360 Dual-Core	1356	720	10.92	\$124.23**
AMD Athlon II X2 210e	1419	692	NA	NA
AMD Athlon II X2 215	1592	628	NA	NA
AMD Athlon II X2 220	1663	601	NA	NA
AMD Athlon II X2 235e	1670	600	19.20	\$87.00**
AMD Athlon II X2 240	1600	626	28.08	\$56.99**
AMD Athlon II X2 240e	1597	627	21.28	\$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 Athlon II X2 245	1652	607	22.93	\$72.04**
AMD Athlon II X2 245e	1811	554	24.07	\$75.24**
AMD Athlon II X2 250	1706	588	24.76	\$68.89*
AMD Athlon II X2 250e	1723	582	22.46	\$76.73**
AMD Athlon II X2 250u	978	868	NA	NA
AMD Athlon II X2 255	1825	552	36.51	\$49.98*
AMD Athlon II X2 260	1883	542	32.86	\$57.30*
AMD Athlon II X2 260u	1090	824	NA	NA
AMD Athlon II X2 265	1935	524	25.81	\$74.98**
AMD Athlon II X2 270	1957	520	34.15	\$57.30*
AMD Athlon II X2 270u	1255	760	17.90	\$70.12**
AMD Athlon II X2 4300e	1405	699	NA	NA
AMD Athlon II X2 4400e	1526	658	NA	NA
AMD Athlon II X2 B22	1561	643	NA	NA
AMD Athlon II X2 B24	1714	586	NA	NA
AMD Athlon II X2 B26	1887	541	NA	NA
AMD Athlon II X3 400e	1991	513	18.53	\$107.43**
AMD Athlon II X3 405e	1984	514	24.80	\$79.99**
AMD Athlon II X3 415e	2208	480	20.94	\$105.42*
AMD Athlon II X3 425	2334	451	38.27	\$60.99**
AMD Athlon II X3 435	2507	428	14.75	\$169.99**
AMD Athlon II X3 440	2528	426	38.90	\$64.99**
AMD Athlon II X3 445	2692	394	19.23	\$140.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 450	2748	387	42.28	\$64.99*
AMD Athlon II X3 455	2916	369	41.67	\$69.98*
AMD Athlon II X3 460	3026	352	33.63	\$89.99**
AMD Athlon II X4 555	4069	229	NA	NA
AMD Athlon II X4 600e	2641	407	20.28	\$130.23**
AMD Athlon II X4 605e	2667	401	33.34	\$79.99**
AMD Athlon II X4 610e	2817	379	19.20	\$146.73**
AMD Athlon II X4 615e	3049	350	20.88	\$145.99**
AMD Athlon II X4 620	2987	358	33.56	\$89.00**
AMD Athlon II X4 620e	2906	371	NA	NA
AMD Athlon II X4 630	3249	330	40.62	\$79.99**
AMD Athlon II X4 631 Quad-Core	4157	224	47.78	\$87.00*
AMD Athlon II X4 635	3360	315	42.01	\$79.99**
AMD Athlon II X4 640	3463	302	39.44	\$87.80*
AMD Athlon II X4 6400e	2682	396	NA	NA
AMD Athlon II X4 641 Quad-Core	3736	266	53.38	\$69.99*
AMD Athlon II X4 645	3646	278	33.15	\$109.99*
AMD Athlon II X4 650	3854	253	NA	NA
AMD Athlon II X4 651 Quad-Core	4762	185	31.56	\$150.91**
AMD Athlon L110	298	1289	NA	NA
AMD Athlon LE-1600	582	1025	NA	NA
AMD Athlon LE-1620	624	1001	11.06	\$56.44**
AMD Athlon LE-1640	685	977	NA	NA
AMD Athlon LE-1660	756	956	NA	NA
AMD Athlon MP	227	1367	NA	NA
AMD Athlon MP 1700+	339	1236	NA	NA
AMD Athlon MP 1800+	288	1304	NA	NA
AMD Athlon Neo MV-40	385	1192	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 Neo X2 Dual Core 6850e	1013	849	NA	NA
AMD Athlon Neo X2 Dual Core L325	811	933	NA	NA
AMD Athlon Neo X2 Dual Core L335	847	920	NA	NA
AMD Athlon Prosowwor	277	1319	NA	NA
AMD Athlon prosussor	423	1149	NA	NA
AMD Athlon Proswssor	425	1148	NA	NA
AMD Athlon Pros}ssor	391	1187	NA	NA
AMD Athlon QI-46	473	1104	NA	NA
AMD Athlon TF-20	398	1181	NA	NA
AMD Athlon TF-36	538	1046	NA	NA
AMD Athlon X2 215	1546	647	NA	NA
AMD Athlon X2 260	1910	532	NA	NA
AMD Athlon X2 440	1424	689	NA	NA
AMD Athlon X2 Dual Core 3250e	800	939	NA	NA
AMD Athlon X2 Dual Core 6850e	889	903	NA	NA
AMD Athlon X2 Dual Core BE-2300	1000	855	NA	NA
AMD Athlon X2 Dual Core BE-2350	1095	820	NA	NA
AMD Athlon X2 Dual Core BE-2400	1199	777	NA	NA
AMD Athlon X2 Dual Core L310	663	988	NA	NA
AMD Athlon X2 Dual-Core QL-60	913	894	NA	NA
AMD Athlon X2 Dual-Core QL-62	984	864	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 QL-64	1040	841	NA	NA
AMD Athlon X2 Dual-Core QL-65	1080	827	NA	NA
AMD Athlon X2 Dual-Core QL-66	1076	831	NA	NA
AMD Athlon X2 Dual-Core QL-67	1144	801	NA	NA
AMD Athlon X3 440	2256	469	25.64	\$87.99**
AMD Athlon X3 450	3064	347	38.79	\$78.99**
AMD Athlon X3 455	2636	410	NA	NA
AMD Athlon X4 640	3651	277	NA	NA
AMD Athlon X4 645	3595	288	NA	NA
AMD Athlon XP	338	1237	NA	NA
AMD Athlon XP 1500	282	1310	NA	NA
AMD Athlon XP 1500+	277	1318	NA	NA
AMD Athlon XP 1600+	297	1290	NA	NA
AMD Athlon XP 1700	344	1231	NA	NA
AMD Athlon XP 1700+	309	1273	NA	NA
AMD Athlon XP 1800+	332	1245	5.63	\$58.95**
AMD Athlon XP 1900+	344	1230	NA	NA
AMD Athlon XP 2000+	360	1219	9.00	\$39.99**
AMD Athlon XP 2100+	367	1210	NA	NA
AMD Athlon XP 2200+	387	1190	4.56	\$84.95**
AMD Athlon XP 2400+	430	1139	19.88	\$21.63**
AMD Athlon XP 2500+	408	1165	NA	NA
AMD Athlon XP 2600+	443	1129	19.24	\$23.03**
AMD Athlon XP 2700+	470	1105	5.54	\$84.79**
AMD Athlon XP 2800+	463	1108	NA	NA
AMD Athlon XP 2900+	459	1113	NA	NA
AMD Athlon XP 3000+	466	1107	6.03	\$77.99**
AMD Athlon XP 3100+	483	1090	NA	NA
AMD Athlon XP 3200+	498	1076	NA	NA
AMD Athlon XP rr□ossor	369	1206	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 XP-M	541	1045	NA	NA
AMD C-30	243	1354	NA	NA
AMD C-50	448	1123	NA	NA
AMD C-60	553	1038	NA	NA
AMD Duron	268	1327	NA	NA
AMD Duron p	402	1179	NA	NA
AMD E-240	299	1287	NA	NA
AMD E-300 APU	590	1018	NA	NA
AMD E-350	724	967	NA	NA
AMD E-450 APU	734	964	NA	NA
AMD E1-1200 APU	598	1014	NA	NA
AMD E2-1800 APU	802	937	NA	NA
AMD E2-3000M APU	1182	784	NA	NA
AMD E2-3200 APU	1521	660	NA	NA
AMD FX-4100 Quad-Core	3960	243	41.69	\$94.99*
AMD FX-4170 Quad-Core	4705	188	39.21	\$119.99*
AMD FX-6100 Six-Core	5547	152	46.23	\$119.99*
AMD FX-6120 Six-Core	6029	136	NA	NA
AMD FX-6200 Six-Core	6329	121	45.21	\$139.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8100 Eight-Core	6505	110	NA	NA
AMD FX-8120 Eight-Core	7039	89	44.00	\$159.98*
AMD FX-8150 Eight-Core	8178	64	43.05	\$189.98*
AMD G-T40E	482	1091	NA	NA
AMD G-T40N	516	1061	NA	NA
AMD G-T44R	252	1347	NA	NA
AMD G-T52R	303	1283	NA	NA
AMD G-T56N	730	965	NA	NA
AMD Geode NX	264	1332	NA	NA
AMD Geode NX 1750	291	1294	NA	NA
AMD K7	403	1173	NA	NA
AMD K7 processo	512	1065	NA	NA
AMD Opteron 144	511	1067	7.86	\$65.00**
AMD Opteron 146	580	1026	9.67	\$59.99**
AMD Opteron 148	595	1015	NA	NA
AMD Opteron 150	590	1019	NA	NA
AMD Opteron 152	673	983	NA	NA
AMD Opteron 248	476	1099	NA	NA
AMD Opteron 250	649	992	7.49	\$86.67**
AMD Opteron 252	760	954	26.22	\$28.99*
AMD Opteron 256	963	872	NA	NA
AMD Opteron 3280	5722	145	20.95	\$273.18**
AMD Opteron 4122	2942	362	27.69	\$106.24*
AMD Opteron 6128	4999	170	18.52	\$269.99*
AMD Opteron 6134	2938	363	5.34	\$549.99**
AMD Opteron 6172	7784	71	12.00	\$648.70**
AMD Opteron 6274	9844	36	16.41	\$599.99*
AMD Phenom 8250 Triple-Core	1752	573	NA	NA
AMD Phenom 8250e Triple-Core	1606	624	34.18	\$46.99*
AMD Phenom 8400 Triple-Core	1614	620	NA	NA
AMD Phenom 8450 Triple-Core	1771	567	34.73	\$50.99*
AMD Phenom 8450e Triple-Core	1843	546	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 Phenom 8550 Triple-Core	1854	545	NA	NA
AMD Phenom 8600 Triple-Core	1755	572	33.12	\$52.99**
AMD Phenom 8600B Triple-Core	1947	522	36.74	\$52.99**
AMD Phenom 8650 Triple-Core	1938	523	38.77	\$49.99**
AMD Phenom 8750B Triple-Core	2060	499	NA	NA
AMD Phenom 8850 Triple-Core	2054	501	NA	NA
AMD Phenom 8850B Triple-Core	2218	478	NA	NA
AMD Phenom 9100e Quad-Core	1953	521	10.86	\$179.81**
AMD Phenom 9150e Quad-Core	2155	487	NA	NA
AMD Phenom 9350e Quad-Core	2312	457	11.86	\$194.99**
AMD Phenom 9450e Quad-Core	2474	433	23.56	\$105.00**
AMD Phenom 9500 Quad-Core	2293	460	25.49	\$89.96**
AMD Phenom 9550 Quad-Core	2537	422	25.38	\$99.97**
AMD Phenom 9600 Quad-Core	2448	437	17.49	\$140.00**
AMD Phenom 9600B Quad-Core	2536	423	17.23	\$147.19**
AMD Phenom 9650 Quad-Core	2652	404	24.11	\$110.00**
AMD Phenom 9750 Quad-Core	2803	382	25.48	\$109.99**
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9750B Quad-Core	2684	395	NA	NA
AMD Phenom 9850 Quad-Core	2938	364	26.71	\$110.00**
AMD Phenom 9850B Quad-Core	3229	332	NA	NA
AMD Phenom 9950 Quad-Core	3035	351	19.33	\$156.99**
AMD Phenom FX-5000 Quad-Core	3068	346	NA	NA
AMD Phenom FX-5200 Quad-Core	3436	307	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	285	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	301	NA	NA
AMD Phenom II N620 Dual-Core	1655	603	3.63	\$455.59**
AMD Phenom II N640 Dual-Core	1745	575	NA	NA
AMD Phenom II N660 Dual-Core	1828	550	NA	NA
AMD Phenom II N830 Triple-Core	1927	527	NA	NA
AMD Phenom II N850 Triple-Core	1996	510	NA	NA
AMD Phenom II N870 Triple-Core	2048	504	NA	NA
AMD Phenom II N930 Quad-Core	2457	436	NA	NA
AMD Phenom II N950 Quad-Core	2560	418	NA	NA
AMD Phenom II N970 Quad-Core	2730	389	NA	NA
AMD Phenom II P650 Dual-Core	1625	619	NA	NA
AMD Phenom II P820 Triple-Core	1659	602	NA	NA
AMD Phenom II P840 Triple-Core	1721	584	NA	NA
AMD Phenom II P860 Triple-Core	1834	548	NA	NA
AMD Phenom II P920 Quad-Core	1978	517	6.24	\$317.19**
AMD Phenom II P940 Quad-Core	2106	493	NA	NA
AMD Phenom II P960 Quad-Core	2189	484	NA	NA
AMD Phenom II X2 511	2073	496	NA	NA
AMD Phenom II X2 521	2135	489	NA	NA
AMD Phenom II X2 545	1788	565	18.63	\$95.99**
AMD Phenom II X2 550	1856	544	21.84	\$84.99**
AMD Phenom II X2 555	1970	518	11.59	\$169.99**
AMD Phenom II X2 560	2007	507	18.25	\$109.95*
AMD Phenom II X2 565	2219	477	11.10	\$195.99**
AMD Phenom II X2 B53	1670	599	NA	NA
AMD Phenom II X2 B55	1805	558	NA	NA
AMD Phenom II X2 B59	1814	553	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 Phenom II X3 700e	2316	455	NA	NA
AMD Phenom II X3 705e	2259	468	14.83	\$152.34**
AMD Phenom II X3 710	2276	462	26.93	\$84.53**
AMD Phenom II X3 715	2649	405	31.17	\$84.99**
AMD Phenom II X3 720	2555	420	34.07	\$74.99**
AMD Phenom II X3 740	2786	384	31.31	\$88.99**
AMD Phenom II X3 B73	2553	421	NA	NA
AMD Phenom II X3 B75	2557	419	NA	NA
AMD Phenom II X3 B77	3276	327	NA	NA
AMD Phenom II X4 05e	3340	321	NA	NA
AMD Phenom II X4 15	4031	234	NA	NA
AMD Phenom II X4 40	4130	226	31.77	\$129.98**
AMD Phenom II X4 805	3058	348	17.58	\$173.99**
AMD Phenom II X4 810	3119	342	26.89	\$115.99**
AMD Phenom II X4 820	3458	303	38.43	\$89.99**
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 830	3490	300	38.78	\$89.99**
AMD Phenom II X4 840	2917	368	2.92	\$998.96**
AMD Phenom II X4 840T	3717	269	NA	NA
AMD Phenom II X4 850	4010	238	29.64	\$135.27**
AMD Phenom II X4 8700e	2377	444	NA	NA
AMD Phenom II X4 900e	3018	354	NA	NA
AMD Phenom II X4 905e	2927	366	15.05	\$194.46**
AMD Phenom II X4 910	3251	329	15.92	\$204.19**
AMD Phenom II X4 910e	3116	343	19.85	\$156.99**
AMD Phenom II X4 920	3307	322	30.07	\$109.99**
AMD Phenom II X4 925	3439	306	36.20	\$94.99**
AMD Phenom II X4 940	3609	286	34.37	\$104.99**
AMD Phenom II X4 945	3621	283	45.27	\$79.99*
AMD Phenom II X4 955	3908	248	41.14	\$94.99*
AMD Phenom II X4 960T	3738	264	21.99	\$169.99*
AMD Phenom II X4 965	4203	220	42.03	\$99.99*
AMD Phenom II X4 970	4333	212	39.39	\$109.99**
AMD Phenom II X4 973	3672	275	NA	NA
AMD Phenom II X4 975	4467	204	38.85	\$114.99**
AMD Phenom II X4 980	4551	201	32.51	\$139.99**
AMD Phenom II X4 B15e	2831	377	NA	NA
AMD Phenom II X4 B25	3455	304	NA	NA
AMD Phenom II X4 B35	3643	279	NA	NA
AMD Phenom II X4 B40	3399	310	NA	NA
AMD Phenom II X4 B45	3542	293	NA	NA
AMD Phenom II X4 B50	3697	272	NA	NA
AMD Phenom II X4 B55	3364	313	NA	NA
AMD Phenom II X4 B60	3971	242	NA	NA
AMD Phenom II X4 B65	4186	222	NA	NA
AMD Phenom II X4 B93	3341	320	NA	NA
AMD Phenom II X4 B95	3679	273	16.35	\$225.00**
AMD Phenom II X4 B97	4066	230	NA	NA
AMD Phenom II X6 1035T	4880	179	25.82	\$189.99**
AMD Phenom II X6 1045T	5001	169	40.01	\$124.99**
AMD Phenom II X6 1055T	5172	163	32.33	\$159.99**
AMD Phenom II X6 1065T	5449	156	NA	NA

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AMD Phenom II X6 1075T	5507	154	30.60	\$179.99**
AMD Phenom II X6 1090T	5970	141	26.31	\$226.93**
AMD Phenom II X6 1100T	6193	131	22.13	\$279.85*
AMD Phenom II X920 Quad-Core	2734	388	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1401	702	NA	NA
AMD Phenom X3 8750	2050	502	34.17	\$59.99**
AMD Phenom X4 Quad-Core GP-9500	2175	486	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2328	452	NA	NA
AMD Sempron	374	1200	NA	NA
AMD Sempron 140	753	960	17.52	\$42.99**
AMD Sempron 145	852	917	24.35	\$34.99*
AMD Sempron 150	989	860	NA	NA
AMD Sempron 210U	374	1199	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2200+	334	1244	11.14	\$29.99**
AMD Sempron 2300+	341	1234	NA	NA
AMD Sempron 2400+	368	1208	16.73	\$22.00**
AMD Sempron 2500+	364	1216	NA	NA
AMD Sempron 2600+	402	1176	49.81	\$8.07*
AMD Sempron 2800+	420	1150	NA	NA
AMD Sempron 3000+	440	1133	NA	NA
AMD Sempron 3100+	461	1111	5.95	\$77.44**
AMD Sempron 3200+	445	1126	22.25	\$20.00**
AMD Sempron 3300+	511	1066	16.49	\$30.99**
AMD Sempron 3400+	477	1097	24.46	\$19.50**
AMD Sempron 3500+	492	1081	NA	NA
AMD Sempron 3600+	503	1073	NA	NA
AMD Sempron 3800+	480	1093	NA	NA
AMD Sempron Dual Core 2100	875	912	NA	NA
AMD Sempron Dual Core 2300	1169	788	35.43	\$32.99**
AMD Sempron LE-1100	442	1131	NA	NA
AMD Sempron LE-1150	485	1084	NA	NA
AMD Sempron LE-1200	506	1068	NA	NA
AMD Sempron LE-1250	550	1039	18.97	\$28.99**
AMD Sempron LE-1300	609	1008	24.37	\$24.99**
AMD Sempron LE-1620	635	999	NA	NA
AMD Sempron M100	579	1027	NA	NA
AMD Sempron M120	610	1006	NA	NA
AMD Sempron SI-40	468	1106	NA	NA
AMD Sempron SI-42	496	1078	NA	NA
AMD Sempron X2 180	1279	748	NA	NA
AMD Sempron X2 190	1206	775	NA	NA
AMD Six-Core	6247	125	NA	NA
AMD Turion 64	529	1054	NA	NA
AMD Turion 64 Mobile MK-36	480	1094	NA	NA
AMD Turion 64 Mobile MK-38	529	1053	NA	NA
AMD Turion 64 Mobile ML-28	385	1191	NA	NA
AMD Turion 64 Mobile ML-30	404	1170	NA	NA
AMD Turion 64 Mobile ML-32	433	1137	NA	NA
AMD Turion 64 Mobile ML-34	444	1127	NA	NA
AMD Turion 64 Mobile ML-37	495	1079	2.52	\$196.
AMD Turion 64 Mobile ML-40	532	1051	NA	NA

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AMD Turion 64 Mobile ML-42	661	989	NA	NA
AMD Turion 64 Mobile ML-44	575	1030	NA	NA
AMD Turion 64 Mobile MT-28	419	1153	NA	NA
AMD Turion 64 Mobile MT-30	417	1155	NA	NA
AMD Turion 64 Mobile MT-32	449	1122	NA	NA
AMD Turion 64 Mobile MT-34	395	1184	NA	NA
AMD Turion 64 Mobile MT-37	514	1063	NA	NA
AMD Turion 64 Mobile MT-40	536	1048	NA	NA
AMD Turion 64 X2	848	919	NA	NA
AMD Turion 64 X2 Mobile TL-50	778	949	43.22	\$18.00**
AMD Turion 64 X2 Mobile TL-52	791	942	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 X2 Mobile TL-56	885	906	19.13	\$46.27**
AMD Turion 64 X2 Mobile TL-58	939	883	NA	NA
AMD Turion 64 X2 Mobile TL-60	998	856	34.41	\$29.00**
AMD Turion 64 X2 Mobile TL-62	1039	843	NA	NA
AMD Turion 64 X2 Mobile TL-64	1050	837	26.66	\$39.39**
AMD Turion 64 X2 Mobile TL-66	1172	786	NA	NA
AMD Turion 64 X2 Mobile TL-68	1248	764	4.38	\$284.62**
AMD Turion II Dual-Core Mobile M500	1287	744	NA	NA
AMD Turion II Dual-Core Mobile M520	1332	727	NA	NA
AMD Turion II Dual-Core Mobile M540	1497	668	NA	NA
AMD Turion II N530 Dual-Core	1390	708	NA	NA
AMD Turion II N550 Dual-Core	1742	577	NA	NA
AMD Turion II Neo K625 Dual-Core	932	885	NA	NA
AMD Turion II Neo K685 Dual-Core	1158	793	NA	NA
AMD Turion II Neo N40L Dual-Core	970	869	NA	NA
AMD Turion II P520 Dual-Core	1397	703	NA	NA
AMD Turion II P540 Dual-Core	1482	674	NA	NA
AMD Turion II P560 Dual-Core	1546	646	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1485	673	NA	NA
AMD Turion II Ultra Dual-Core Mobile M620	1487	672	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1644	614	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1653	606	NA	NA
AMD Turion Neo X2 Dual Core L625	832	928	NA	NA
AMD Turion X2 Dual Core L510	871	913	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	1019	847	7.69	\$132.56**
AMD Turion X2 Dual Core Mobile RM-74	1142	804	6.45	\$177.19**
AMD Turion X2 Dual Core Mobile RM-76	1182	783	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	961	874	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1041	840	4.64	\$224.26*
AMD Turion X2 Dual-Core Mobile RM-74	1096	818	NA	NA
AMD Turion X2 Dual-Core Mobile RM-75	1110	814	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1115	813	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1068	832	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1099	817	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1172	787	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1304	735	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1174	785	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1312	733	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-84	1214	772	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-86	1244	766	NA	NA

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AMD V105	304	1280	NA	NA
AMD V120	645	995	NA	NA
AMD V140	681	980	NA	NA
AMD V160	726	966	NA	NA
AMD Z-01	485	1085	NA	NA
AMD-K7	403	1174	NA	NA
Athlon 64 Dual Core 4400+	1279	747	NA	NA
Athlon 64 Dual Core 5000+	1482	675	NA	NA
Athlon Dual Core 4050e	1119	810	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Athlon Dual Core 4450e	1081	826	NA	NA
Athlon Dual Core 4850e	1296	741	NA	NA
Dual Core AMD Opteron 165	970	870	NA	NA
Dual Core AMD Opteron 170	1050	838	NA	NA
Dual Core AMD Opteron 175	1148	796	NA	NA
Dual Core AMD Opteron 180	1281	746	7.12	\$180.00*
Dual Core AMD Opteron 185	1412	694	NA	NA
Dual Core AMD Opteron 265	963	873	NA	NA
Dual Core AMD Opteron 275	1234	769	19.55	\$63.11**
Dual Core AMD Opteron 280	1369	716	45.80	\$29.89**
Dual Core AMD Opteron 285	1447	683	NA	NA
Dual Core AMD Opteron 290	1737	578	12.87	\$135.00**
Dual-Core AMD Opteron 1210	923	890	NA	NA
Dual-Core AMD Opteron 1212	1077	830	NA	NA
Dual-Core AMD Opteron 1214	1225	770	NA	NA
Dual-Core AMD Opteron 1216	1259	759	NA	NA
Dual-Core AMD Opteron 1218	1383	710	NA	NA
Dual-Core AMD Opteron 1218 HE	1444	685	NA	NA
Dual-Core AMD Opteron 1220	1647	611	NA	NA
Dual-Core AMD Opteron 1222	1791	563	NA	NA
Dual-Core AMD Opteron 2212	1270	753	NA	NA
Dual-Core AMD Opteron 2214	1358	719	NA	NA
Dual-Core AMD Opteron 2218	1501	666	75.31	\$19.93*
Dual-Core AMD Opteron 2220	1677	596	NA	NA
Dual-Core AMD Opteron 2220 SE	1609	622	NA	NA
Intel 1300 @ 1.66GHz	857	915	NA	NA
Intel 1500 @ 2.00GHz	1024	844	NA	NA
Intel 3.00GHz	834	927	NA	NA
Intel 3.20GHz	887	904	NA	NA
Intel 3.33GHz	391	1188	NA	NA
Intel 3.40GHz	853	916	NA	NA
Intel 3.46GHz	1183	782	NA	NA
Intel 3.60GHz	667	986	NA	NA
Intel 3.73GHz	1251	761	NA	NA
Intel 3.80GHz	640	996	NA	NA
Intel 600MHz	111	1414	NA	NA
Intel 800MHz	170	1406	NA	NA
Intel Atom 230 @ 1.60GHz	313	1266	NA	NA
Intel Atom 330 @ 1.60GHz	632	1000	NA	NA
Intel Atom D2500 @ 1.86GHz	452	1119	NA	NA
Intel Atom D2550 @ 1.86GHz	689	976	NA	NA
Intel Atom D2700 @ 2.13GHz	838	923	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 Atom D410 @ 1.66GHz	336	1241	0.53	\$635.99**
Intel Atom D425 @ 1.80GHz	317	1261	NA	NA
Intel Atom D510 @ 1.66GHz	658	990	NA	NA
Intel Atom D525 @ 1.80GHz	712	970	NA	NA
Intel Atom K510 @ 1.66GHz	658	991	NA	NA
Intel Atom N2100 @ 1.60GHz	321	1253	NA	NA
Intel Atom N2600 @ 1.60GHz	602	1011	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N270 @ 1.60GHz	303	1281	NA	NA
Intel Atom N280 @ 1.66GHz	315	1264	NA	NA
Intel Atom N2800 @ 1.86GHz	719	969	NA	NA
Intel Atom N435 @ 1.33GHz	233	1362	NA	NA
Intel Atom N450 @ 1.66GHz	319	1257	NA	NA
Intel Atom N455 @ 1.66GHz	319	1256	NA	NA
Intel Atom N470 @ 1.83GHz	348	1225	NA	NA
Intel Atom N475 @ 1.83GHz	351	1222	NA	NA
Intel Atom N550 @ 1.50GHz	569	1032	NA	NA
Intel Atom N570 @ 1.66GHz	639	997	NA	NA
Intel Atom Z2760 @ 1.80GHz	673	984	NA	NA
Intel Atom Z510 @ 1.10GHz	194	1394	4.31	\$45.00**
Intel Atom Z515 @ 1.20GHz	218	1374	NA	NA
Intel Atom Z520 @ 1.33GHz	248	1349	NA	NA
Intel Atom Z530 @ 1.60GHz	297	1291	NA	NA
Intel Atom Z540 @ 1.86GHz	348	1226	NA	NA
Intel Atom Z550 @ 2.00GHz	381	1194	NA	NA
Intel Atom Z670 @ 1.50GHz	263	1334	NA	NA
Intel Celeron 1.70GHz	194	1395	NA	NA
Intel Celeron 1.80GHz	208	1383	NA	NA
Intel Celeron 1000MHz	241	1359	NA	NA
Intel Celeron 1066MHz	259	1338	NA	NA
Intel Celeron 1100MHz	228	1366	NA	NA
Intel Celeron 1200MHz	263	1335	NA	NA
Intel Celeron 1300MHz	288	1302	NA	NA
Intel Celeron 1333MHz	290	1296	NA	NA
Intel Celeron 1400MHz	302	1285	NA	NA
Intel Celeron 2.00GHz	232	1364	NA	NA
Intel Celeron 2.10GHz	244	1353	NA	NA
Intel Celeron 2.13GHz	256	1343	NA	NA
Intel Celeron 2.20GHz	254	1345	NA	NA
Intel Celeron 2.26GHz	272	1324	NA	NA
Intel Celeron 2.30GHz	246	1351	NA	NA
Intel Celeron 2.40GHz	281	1311	NA	NA
Intel Celeron 2.50GHz	281	1312	NA	NA
Intel Celeron 2.53GHz	321	1255	NA	NA
Intel Celeron 2.60GHz	292	1293	NA	NA
Intel Celeron 2.66GHz	327	1247	NA	NA
Intel Celeron 2.70GHz	303	1284	NA	NA
Intel Celeron 2.80GHz	337	1239	NA	NA
Intel Celeron 2.93GHz	365	1215	NA	NA
Intel Celeron 215 @ 1.33GHz	349	1223	NA	NA
Intel Celeron 220 @ 1.20GHz	337	1240	NA	NA
Intel Celeron 3.06GHz	370	1203	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 Celeron 3.20GHz	397	1182	NA	NA
Intel Celeron 3.33GHz	418	1154	NA	NA
Intel Celeron 420 @ 1.60GHz	457	1115	3.26	\$139.99**
Intel Celeron 430 @ 1.80GHz	506	1069	12.67	\$39.95**
Intel Celeron 440 @ 2.00GHz	564	1035	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 450 @ 2.20GHz	616	1003	NA	NA
Intel Celeron 530 @ 1.73GHz	481	1092	7.18	\$67.00**
Intel Celeron 540 @ 1.86GHz	513	1064	NA	NA
Intel Celeron 550 @ 2.00GHz	545	1043	NA	NA
Intel Celeron 560 @ 2.13GHz	587	1023	8.76	\$67.00**
Intel Celeron 570 @ 2.26GHz	616	1004	NA	NA
Intel Celeron 723 @ 1.20GHz	426	1143	NA	NA
Intel Celeron 743 @ 1.30GHz	474	1103	NA	NA
Intel Celeron 847 @ 1.10GHz	986	863	NA	NA
Intel Celeron 857 @ 1.20GHz	1135	807	NA	NA
Intel Celeron 867 @ 1.30GHz	1271	752	NA	NA
Intel Celeron 877 @ 1.40GHz	1412	695	NA	NA
Intel Celeron 887 @ 1.50GHz	1571	637	NA	NA
Intel Celeron 900 @ 2.20GHz	778	950	NA	NA
Intel Celeron 925 @ 2.30GHz	823	929	NA	NA
Intel Celeron B800 @ 1.50GHz	1388	709	NA	NA
Intel Celeron B810 @ 1.60GHz	1567	640	NA	NA
Intel Celeron B815 @ 1.60GHz	1480	676	NA	NA
Intel Celeron B820 @ 1.70GHz	1575	634	NA	NA
Intel Celeron B840 @ 1.90GHz	1698	590	NA	NA
Intel Celeron D 220 @ 1.20GHz	402	1177	NA	NA
Intel Celeron D 3.06GHz	370	1204	NA	NA
Intel Celeron D 3.20GHz	394	1185	NA	NA
Intel Celeron D 3.33GHz	411	1161	NA	NA
Intel Celeron D 3.46GHz	426	1144	NA	NA
Intel Celeron D 3.60GHz	404	1172	4.49	\$89.95**
Intel Celeron D 420 @ 1.60GHz	483	1089	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	1024	NA	NA
Intel Celeron E1200 @ 1.60GHz	896	900	20.84	\$42.99**
Intel Celeron E1400 @ 2.00GHz	1118	811	11.07	\$100.99**
Intel Celeron E1500 @ 2.20GHz	1198	778	23.98	\$49.96**
Intel Celeron E1600 @ 2.40GHz	1096	819	NA	NA
Intel Celeron E3200 @ 2.40GHz	1551	644	29.83	\$51.99**
Intel Celeron E3300 @ 2.50GHz	1647	612	29.95	\$54.99**
Intel Celeron E3400 @ 2.60GHz	1681	595	20.01	\$83.99*
Intel Celeron E3500 @ 2.70GHz	1654	605	17.34	\$95.36**
Intel Celeron G1101 @ 2.27GHz	1727	580	NA	NA
Intel Celeron G440 @ 1.60GHz	781	947	15.62	\$49.99**
Intel Celeron G460 @ 1.80GHz	1161	791	NA	NA
Intel Celeron G530 @ 2.40GHz	2274	464	52.64	\$43.20*
Intel Celeron G540 @ 2.50GHz	2327	453	46.55	\$49.99*
Intel Celeron G550 @ 2.60GHz	2473	434	41.22	\$59.99*
Intel Celeron M 1.00GHz	223	1371	NA	NA
Intel Celeron M 1.30GHz	346	1228	NA	NA
Intel Celeron M 1.40GHz	365	1214	NA	NA
Intel Celeron M 1.50GHz	383	1193	NA	NA

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Intel Celeron M 1.60GHz	406	1166	NA	NA
Intel Celeron M 1.70GHz	426	1145	NA	NA
Intel Celeron M 1200MHz	275	1322	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 1300MHz	313	1269	NA	NA
Intel Celeron M 1400MHz	325	1250	NA	NA
Intel Celeron M 1500MHz	360	1220	NA	NA
Intel Celeron M 410 @ 1.46GHz	368	1209	NA	NA
Intel Celeron M 420 @ 1.60GHz	404	1171	NA	NA
Intel Celeron M 430 @ 1.73GHz	405	1168	NA	NA
Intel Celeron M 440 @ 1.86GHz	439	1134	NA	NA
Intel Celeron M 450 @ 2.00GHz	505	1070	NA	NA
Intel Celeron M 520 @ 1.60GHz	425	1147	NA	NA
Intel Celeron M 530 @ 1.73GHz	455	1117	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	1044	NA	NA
Intel Celeron M 575 @ 2.00GHz	546	1041	NA	NA
Intel Celeron M 585 @ 2.16GHz	603	1010	NA	NA
Intel Celeron M 600MHz	157	1412	NA	NA
Intel Celeron M 723 @ 1.20GHz	433	1138	NA	NA
Intel Celeron M 800MHz	184	1401	NA	NA
Intel Celeron M 900MHz	227	1368	NA	NA
Intel Celeron P4500 @ 1.87GHz	1265	755	NA	NA
Intel Celeron P4505 @ 1.87GHz	915	892	NA	NA
Intel Celeron P4600 @ 2.00GHz	1533	653	NA	NA
Intel Celeron T3000 @ 1.80GHz	1168	789	NA	NA
Intel Celeron T3100 @ 1.90GHz	1260	758	NA	NA
Intel Celeron T3300 @ 2.00GHz	1409	696	NA	NA
Intel Celeron T3500 @ 2.10GHz	1467	680	NA	NA
Intel Celeron U3400 @ 1.07GHz	883	908	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	978	NA	NA
Intel Celeron U3600 @ 1.20GHz	927	887	NA	NA
Intel Core Duo L2400 @ 1.66GHz	783	945	NA	NA
Intel Core Duo L2500 @ 1.83GHz	808	934	NA	NA
Intel Core Duo T2250 @ 1.73GHz	783	944	NA	NA
Intel Core Duo T2300 @ 1.66GHz	801	938	NA	NA
Intel Core Duo T2350 @ 1.86GHz	852	918	NA	NA
Intel Core Duo T2400 @ 1.83GHz	877	911	54.81	\$16.00**
Intel Core Duo T2450 @ 2.00GHz	879	909	NA	NA
Intel Core Duo T2500 @ 2.00GHz	959	875	7.99	\$119.99**
Intel Core Duo T2600 @ 2.16GHz	984	865	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1138	806	NA	NA
Intel Core Duo U2400 @ 1.06GHz	546	1042	NA	NA
Intel Core Duo U2500 @ 1.20GHz	595	1016	NA	NA
Intel Core i3 330M @ 2.13GHz	1996	509	19.40	\$102.89**
Intel Core i3 330UM @ 1.20GHz	1204	776	NA	NA
Intel Core i3 350M @ 2.27GHz	2079	494	NA	NA
Intel Core i3 370M @ 2.40GHz	2231	473	NA	NA
Intel Core i3 380M @ 2.53GHz	2334	450	NA	NA
Intel Core i3 380UM @ 1.33GHz	1309	734	NA	NA
Intel Core i3 390M @ 2.67GHz	2369	448	NA	NA
Intel Core i3 530 @ 2.93GHz	2727	390	19.62	\$138.99**
Intel Core i3 540 @ 3.07GHz	2847	376	27.12	\$104.99**

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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 550 @ 3.20GHz	3102	344	19.71	\$157.40*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3 560 @ 3.33GHz	3197	336	32.29	\$99.00*
Intel Core i3-2100 @ 3.10GHz	3868	250	36.84	\$104.99*
Intel Core i3-2100T @ 2.50GHz	3257	328	21.97	\$148.28**
Intel Core i3-2105 @ 3.10GHz	3952	244	30.40	\$129.99*
Intel Core i3-2120 @ 3.30GHz	4204	219	35.04	\$119.99*
Intel Core i3-2120T @ 2.60GHz	3141	339	25.33	\$123.99*
Intel Core i3-2125 @ 3.30GHz	4236	217	28.62	\$147.99*
Intel Core i3-2130 @ 3.40GHz	4431	208	34.90	\$126.98*
Intel Core i3-2310M @ 2.10GHz	2619	412	NA	NA
Intel Core i3-2328M @ 2.20GHz	2977	359	NA	NA
Intel Core i3-2330M @ 2.20GHz	2716	393	NA	NA
Intel Core i3-2350M @ 2.30GHz	2895	372	NA	NA
Intel Core i3-2357M @ 1.30GHz	1682	594	NA	NA
Intel Core i3-2367M @ 1.40GHz	1795	562	NA	NA
Intel Core i3-2370M @ 2.40GHz	3015	355	NA	NA
Intel Core i3-2377M @ 1.50GHz	1889	540	NA	NA
Intel Core i3-3110M @ 2.40GHz	3410	309	NA	NA
Intel Core i3-3120M @ 2.50GHz	3657	276	NA	NA
Intel Core i3-3217U @ 1.80GHz	2226	475	NA	NA
Intel Core i3-3220 @ 3.30GHz	4611	194	37.17	\$124.06*
Intel Core i3-3220T @ 2.80GHz	4102	228	32.05	\$127.99*
Intel Core i3-3225 @ 3.30GHz	4757	186	32.81	\$144.99*
Intel Core i3-3240 @ 3.40GHz	5054	166	33.70	\$149.99*
Intel Core i5 430M @ 2.27GHz	2398	440	30.35	\$79.00**
Intel Core i5 430UM @ 1.20GHz	1438	687	NA	NA
Intel Core i5 450M @ 2.40GHz	2522	427	NA	NA
Intel Core i5 460M @ 2.53GHz	2640	408	NA	NA
Intel Core i5 470UM @ 1.33GHz	1544	651	NA	NA
Intel Core i5 480M @ 2.67GHz	2765	386	NA	NA
Intel Core i5 520 @ 2.40GHz	2244	470	NA	NA
Intel Core i5 520M @ 2.40GHz	2386	441	9.94	\$239.99**
Intel Core i5 520UM @ 1.07GHz	1446	684	NA	NA
Intel Core i5 540M @ 2.53GHz	2468	435	6.58	\$375.13**
Intel Core i5 560M @ 2.67GHz	2673	400	11.31	\$236.40**
Intel Core i5 580M @ 2.67GHz	2795	383	9.96	\$280.53**
Intel Core i5 650 @ 3.20GHz	3212	334	17.85	\$179.98*
Intel Core i5 655K @ 3.20GHz	3362	314	18.41	\$182.61**
Intel Core i5 660 @ 3.33GHz	3190	337	9.38	\$339.95**
Intel Core i5 661 @ 3.33GHz	3307	323	20.80	\$159.00*
Intel Core i5 670 @ 3.47GHz	3247	331	9.47	\$342.95**
Intel Core i5 680 @ 3.60GHz	3500	297	10.72	\$326.35**
Intel Core i5 750 @ 2.67GHz	4288	215	21.99	\$195.00*
Intel Core i5 760 @ 2.80GHz	4580	197	21.91	\$209.00*
Intel Core i5 U 540 @ 1.20GHz	1534	652	NA	NA
Intel Core i5 U 560 @ 1.33GHz	1568	639	NA	NA
Intel Core i5-2300 @ 2.80GHz	5627	147	29.62	\$189.98**
Intel Core i5-2310 @ 2.90GHz	5780	143	33.22	\$174.00**
Intel Core i5-2320 @ 3.00GHz	6023	137	32.56	\$184.00**
Intel Core i5-2380P @ 3.10GHz	6358	118	32.61	\$194.00**

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Intel Core i5-2390T @ 2.70GHz	3978	241	NA	NA
Intel Core i5-2400 @ 3.10GHz	6145	133	32.35	\$189.98*
Intel Core i5-2400S @ 2.50GHz	5030	167	25.41	\$197.95*
Intel Core i5-2405S @ 2.50GHz	5119	165	23.81	\$214.99**
Intel Core i5-2410M @ 2.30GHz	3358	317	NA	NA
Intel Core i5-2415M @ 2.30GHz	3209	335	NA	NA
Intel Core i5-2430M @ 2.40GHz	3440	305	NA	NA
Intel Core i5-2435M @ 2.40GHz	3353	318	NA	NA
Intel Core i5-2450M @ 2.50GHz	3556	291	NA	NA
Intel Core i5-2450P @ 3.20GHz	6699	103	31.16	\$214.99*
Intel Core i5-2467M @ 1.60GHz	2371	446	NA	NA
Intel Core i5-2500 @ 3.30GHz	6581	109	31.49	\$208.98*
Intel Core i5-2500K @ 3.30GHz	6718	102	30.89	\$217.49*
Intel Core i5-2500S @ 2.70GHz	5119	164	NA	NA
Intel Core i5-2500T @ 2.30GHz	4865	181	NA	NA
Intel Core i5-2510E @ 2.50GHz	3014	356	NA	NA
Intel Core i5-2515E @ 2.50GHz	3282	326	NA	NA
Intel Core i5-2520M @ 2.50GHz	3598	287	14.39	\$249.99**
Intel Core i5-2537M @ 1.40GHz	2445	438	NA	NA
Intel Core i5-2540M @ 2.60GHz	3769	261	13.57	\$277.66**
Intel Core i5-2550K @ 3.40GHz	6910	94	28.44	\$242.99*
Intel Core i5-2557M @ 1.70GHz	2677	398	NA	NA
Intel Core i5-3210M @ 2.50GHz	3865	251	NA	NA
Intel Core i5-3317U @ 1.70GHz	3093	345	NA	NA
Intel Core i5-3320M @ 2.60GHz	4018	237	NA	NA
Intel Core i5-3330 @ 3.00GHz	5617	149	NA	NA
Intel Core i5-3350P @ 3.10GHz	6600	108	34.74	\$189.99*
Intel Core i5-3360M @ 2.80GHz	4449	206	NA	NA
Intel Core i5-3427U @ 1.80GHz	3725	267	NA	NA
Intel Core i5-3450 @ 3.10GHz	7052	88	37.31	\$188.99*
Intel Core i5-3450S @ 2.80GHz	6758	101	33.96	\$198.99*
Intel Core i5-3470 @ 3.20GHz	7305	86	36.53	\$199.99*
Intel Core i5-3470S @ 2.90GHz	6925	92	34.80	\$198.99*
Intel Core i5-3470T @ 2.90GHz	4768	184	NA	NA
Intel Core i5-3550 @ 3.30GHz	7468	79	38.30	\$194.99*
Intel Core i5-3550S @ 3.00GHz	7282	87	NA	NA
Intel Core i5-3570 @ 3.40GHz	7516	77	34.96	\$214.98*
Intel Core i5-3570K @ 3.40GHz	7721	72	34.01	\$226.99*
Intel Core i5-3570T @ 2.30GHz	6326	122	NA	NA
Intel Core i7 620LM @ 2.00GHz	2012	506	NA	NA
Intel Core i7 620M @ 2.67GHz	2816	380	8.48	\$332.00**
Intel Core i7 620UM @ 1.07GHz	1577	633	NA	NA
Intel Core i7 640LM @ 2.13GHz	2199	482	6.62	\$332.00**
Intel Core i7 640M @ 2.80GHz	2997	357	NA	NA
Intel Core i7 640UM @ 1.20GHz	1768	569	NA	NA
Intel Core i7 720QM @ 1.60GHz	3346	319	16.81	\$199.00**
Intel Core i7 740QM @ 1.73GHz	3624	282	8.89	\$407.53**
Intel Core i7 820QM @ 1.73GHz	3626	281	6.64	\$546.00**
Intel Core i7 840QM @ 1.87GHz	3907	249	6.50	\$600.00**
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Intel Core i7 860 @ 2.80GHz	5627	148	13.40	\$419.95**
Intel Core i7 870 @ 2.93GHz	6155	132	12.31	\$499.99*
Intel Core i7 870S @ 2.67GHz	5411	158	NA	NA
Intel Core i7 875K @ 2.93GHz	6229	128	16.07	\$387.70**
Intel Core i7 880 @ 3.07GHz	6365	117	10.92	\$583.00**
Intel Core i7 920 @ 2.67GHz	5447	157	14.37	\$379.00*
Intel Core i7 920XM @ 2.00GHz	4459	205	3.90	\$1,144.69**
Intel Core i7 930 @ 2.80GHz	5817	142	15.31	\$379.95*
Intel Core i7 940 @ 2.93GHz	5978	140	8.54	\$699.95**
Intel Core i7 940XM @ 2.13GHz	4611	195	4.01	\$1,149.99**
Intel Core i7 950 @ 3.07GHz	6371	116	16.54	\$385.25*
Intel Core i7 960 @ 3.20GHz	6618	107	19.24	\$343.99*
Intel Core i7 965 @ 3.20GHz	6455	112	6.52	\$989.99**
Intel Core i7 970 @ 3.20GHz	9863	35	15.68	\$629.00*
Intel Core i7 975 @ 3.33GHz	6826	97	6.70	\$1,019.47**
Intel Core i7 980 @ 3.33GHz	10228	24	14.05	\$727.73*
Intel Core i7 980X @ 3.33GHz	10222	25	12.03	\$849.99*
Intel Core i7 990X @ 3.47GHz	10539	16	9.95	\$1,059.00*
Intel Core i7 995X @ 3.60GHz	10374	19	NA	NA
Intel Core i7 U 660 @ 1.33GHz	1893	538	NA	NA
Intel Core i7 U 680 @ 1.47GHz	1839	547	NA	NA
Intel Core i7-2600 @ 3.40GHz	8883	51	30.11	\$294.98*
Intel Core i7-2600K @ 3.40GHz	9070	48	31.28	\$289.99*
Intel Core i7-2600S @ 2.80GHz	7436	82	24.33	\$305.65*
Intel Core i7-2617M @ 1.50GHz	2959	361	NA	NA
Intel Core i7-2620M @ 2.70GHz	3978	240	NA	NA
Intel Core i7-2630QM @ 2.00GHz	6312	123	NA	NA
Intel Core i7-2635QM @ 2.00GHz	6233	127	NA	NA
Intel Core i7-2637M @ 1.70GHz	3181	338	NA	NA
Intel Core i7-2640M @ 2.80GHz	4052	231	NA	NA
Intel Core i7-2655LE @ 2.20GHz	2674	399	NA	NA
Intel Core i7-2670QM @ 2.20GHz	6772	99	NA	NA
Intel Core i7-2675QM @ 2.20GHz	6460	111	NA	NA
Intel Core i7-2677M @ 1.80GHz	3126	341	NA	NA
Intel Core i7-2700K @ 3.50GHz	9301	42	32.75	\$283.99*
Intel Core i7-2710QE @ 2.10GHz	6758	100	NA	NA
Intel Core i7-2715QE @ 2.10GHz	6227	129	NA	NA
Intel Core i7-2720QM @ 2.20GHz	6944	91	17.36	\$399.99**
Intel Core i7-2760QM @ 2.40GHz	7573	75	20.03	\$378.00**
Intel Core i7-2820QM @ 2.30GHz	7450	81	14.93	\$499.00**
Intel Core i7-2840QM @ 2.40GHz	7705	73	NA	NA
Intel Core i7-2860QM @ 2.50GHz	8010	68	13.35	\$599.99**
Intel Core i7-2920XM @ 2.50GHz	7371	83	6.73	\$1,096.00**
Intel Core i7-2960XM @ 2.70GHz	8532	57	7.78	\$1,096.00**
Intel Core i7-3517U @ 1.90GHz	3928	245	NA	NA
Intel Core i7-3520M @ 2.90GHz	4745	187	NA	NA
Intel Core i7-3610QM @ 2.30GHz	8359	61	NA	NA
Intel Core i7-3612QE @ 2.10GHz	6003	138	NA	NA
Intel Core i7-3612QM @ 2.10GHz	7490	78	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3615QM @ 2.30GHz	7668	74	NA	NA
Intel Core i7-3630QM @ 2.40GHz	8910	50	NA	NA

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Intel Core i7-3632QM @ 2.20GHz	8144	65	NA	NA
Intel Core i7-3667U @ 2.00GHz	3916	247	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8966	49	NA	NA
Intel Core i7-3740QM @ 2.70GHz	9959	32	NA	NA
Intel Core i7-3770 @ 3.40GHz	10357	21	33.96	\$304.99*
Intel Core i7-3770K @ 3.50GHz	10360	20	32.89	\$314.99*
Intel Core i7-3770S @ 3.10GHz	9926	34	33.53	\$295.99*
Intel Core i7-3770T @ 2.50GHz	9097	47	NA	NA
Intel Core i7-3820 @ 3.60GHz	9573	40	34.81	\$275.00*
Intel Core i7-3820QM @ 2.70GHz	9254	43	NA	NA
Intel Core i7-3920XM @ 2.90GHz	9379	41	NA	NA
Intel Core i7-3930K @ 3.20GHz	13595	9	23.86	\$569.88*
Intel Core i7-3940XM @ 3.00GHz	10490	17	NA	NA
Intel Core i7-3960X @ 3.30GHz	14080	6	13.67	\$1,029.99*
Intel Core Solo U1400 @ 1.20GHz	260	1337	NA	NA
Intel Core Solo U1500 @ 1.33GHz	326	1249	NA	NA
Intel Core2 Duo @ 2.53GHz	1913	531	NA	NA
Intel Core2 Duo @ 2.66GHz	1545	650	NA	NA
Intel Core2 Duo @ 3.00GHz	1694	591	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	836	10.51	\$100.00**
Intel Core2 Duo E4400 @ 2.00GHz	1162	790	10.76	\$108.00**
Intel Core2 Duo E4500 @ 2.20GHz	1273	751	9.79	\$129.99*
Intel Core2 Duo E4600 @ 2.40GHz	1377	713	6.92	\$198.95**
Intel Core2 Duo E4700 @ 2.60GHz	1499	667	14.99	\$100.00*
Intel Core2 Duo E6300 @ 1.86GHz	1108	815	7.06	\$157.00**
Intel Core2 Duo E6320 @ 1.86GHz	1143	802	4.57	\$249.95**
Intel Core2 Duo E6400 @ 2.13GHz	1273	750	4.26	\$298.95**
Intel Core2 Duo E6420 @ 2.13GHz	1315	732	6.96	\$189.00**
Intel Core2 Duo E6540 @ 2.33GHz	1327	731	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1457	681	4.94	\$295.00**
Intel Core2 Duo E6600 @ 2.40GHz	1502	665	7.51	\$199.99*
Intel Core2 Duo E6700 @ 2.66GHz	1644	615	5.67	\$289.99**
Intel Core2 Duo E6750 @ 2.66GHz	1676	597	13.63	\$123.00*
Intel Core2 Duo E6850 @ 3.00GHz	1917	529	10.25	\$187.00*
Intel Core2 Duo E7200 @ 2.53GHz	1723	583	9.07	\$189.95**
Intel Core2 Duo E7300 @ 2.66GHz	1810	555	NA	NA
Intel Core2 Duo E7400 @ 2.80GHz	1901	534	8.06	\$235.95**
Intel Core2 Duo E7500 @ 2.93GHz	1994	512	14.24	\$139.99*
Intel Core2 Duo E7600 @ 3.06GHz	2125	491	11.50	\$184.75**
Intel Core2 Duo E8135 @ 2.40GHz	1689	592	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1810	556	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1931	526	NA	NA
Intel Core2 Duo E8235 @ 2.80GHz	2068	498	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1995	511	NA	NA
Intel Core2 Duo E8335 @ 2.66GHz	1922	528	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2131	490	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2226	476	12.08	\$184.20*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8435 @ 3.06GHz	2275	463	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2374	445	11.58	\$204
Intel Core2 Duo E8600 @ 3.33GHz	2535	424	8.99	\$282
Intel Core2 Duo L7100 @ 1.20GHz	696	972	NA	NA

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Intel Core2 Duo L7300 @ 1.40GHz	754	958	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	911	895	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	919	891	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	1016	848	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1057	834	NA	NA
Intel Core2 Duo L9400 @ 1.86GHz	1281	745	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1517	661	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1408	697	NA	NA
Intel Core2 Duo P7370 @ 2.00GHz	1303	737	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1569	638	8.39	\$186.99**
Intel Core2 Duo P7500 @ 1.60GHz	945	880	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1610	621	7.00	\$229.99**
Intel Core2 Duo P7570 @ 2.26GHz	1526	657	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1527	654	7.72	\$197.79**
Intel Core2 Duo P8600 @ 2.40GHz	1632	617	9.70	\$168.27**
Intel Core2 Duo P8700 @ 2.53GHz	1804	559	6.09	\$296.01**
Intel Core2 Duo P8800 @ 2.66GHz	1933	525	6.24	\$309.99**
Intel Core2 Duo P9300 @ 2.26GHz	1579	632	NA	NA
Intel Core2 Duo P9400 @ 2.40GHz	1655	604	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1808	557	5.32	\$340.00**
Intel Core2 Duo P9600 @ 2.53GHz	1790	564	6.12	\$292.59**
Intel Core2 Duo P9600 @ 2.66GHz	1979	516	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2146	488	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	847	921	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	837	924	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	775	951	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	898	899	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	945	881	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	879	910	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	926	888	17.15	\$53.99**
Intel Core2 Duo T5550 @ 1.83GHz	1022	846	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1011	850	3.74	\$269.99**
Intel Core2 Duo T5670 @ 1.80GHz	991	857	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1117	812	38.92	\$28.70**
Intel Core2 Duo T5800 @ 2.00GHz	1142	803	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1206	774	NA	NA
Intel Core2 Duo T5870 @ 2.00GHz	1121	809	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1208	773	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1355	721	18.62	\$72.79**
Intel Core2 Duo T6500 @ 2.10GHz	1452	682	18.34	\$79.16**
Intel Core2 Duo T6570 @ 2.10GHz	1350	722	NA	NA
Intel Core2 Duo T6600 @ 2.20GHz	1572	636	NA	NA
Intel Core2 Duo T6670 @ 2.20GHz	1470	678	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	986	861	2.47	\$398.95**
Intel Core2 Duo T7200 @ 2.00GHz	1151	795	2.31	\$498.95**
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T7250 @ 2.00GHz	1093	823	5.42	\$201.48**
Intel Core2 Duo T7300 @ 2.00GHz	1146	800	NA	NA
Intel Core2 Duo T7400 @ 2.16GHz	1249	762	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1262	757	9.08	\$139
Intel Core2 Duo T7600 @ 2.33GHz	1347	724	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1395	706	11.74	\$118.7

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Intel Core2 Duo T7800 @ 2.60GHz	1475	677	2.43	\$607.99**
Intel Core2 Duo T8100 @ 2.10GHz	1348	723	7.13	\$189.00**
Intel Core2 Duo T8300 @ 2.40GHz	1496	669	16.66	\$89.80**
Intel Core2 Duo T9300 @ 2.50GHz	1698	589	5.53	\$307.00**
Intel Core2 Duo T9400 @ 2.53GHz	1758	571	4.95	\$354.94**
Intel Core2 Duo T9500 @ 2.60GHz	1830	549	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1906	533	6.38	\$298.95**
Intel Core2 Duo T9600 @ 2.80GHz	2049	503	6.12	\$334.95**
Intel Core2 Duo T9800 @ 2.93GHz	2186	485	5.16	\$423.89**
Intel Core2 Duo T9900 @ 3.06GHz	2370	447	5.94	\$398.95**
Intel Core2 Duo U7500 @ 1.06GHz	613	1005	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	692	974	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	753	959	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	844	922	NA	NA
Intel Core2 Duo U9400 @ 1.40GHz	968	871	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1141	805	NA	NA
Intel Core2 E6700 @ 2.66GHz	1583	630	15.05	\$105.16**
Intel Core2 Extreme @ 2.26GHz	3499	298	NA	NA
Intel Core2 Extreme @ 2.40GHz	3757	263	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3509	296	3.12	\$1,125.00**
Intel Core2 Extreme Q6850 @ 3.00GHz	3831	256	3.95	\$970.00**
Intel Core2 Extreme Q9300 @ 2.53GHz	3802	257	NA	NA
Intel Core2 Extreme X7800 @ 2.60GHz	1587	629	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	728	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1720	585	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1900	535	NA	NA
Intel Core2 Extreme X9100 @ 3.06GHz	2323	454	2.73	\$851.00**
Intel Core2 Extreme X9650 @ 3.00GHz	4569	199	4.62	\$990.00**
Intel Core2 Extreme X9750 @ 3.16GHz	4809	182	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4877	180	3.48	\$1,400.00**
Intel Core2 Extreme X9775 @ 3.20GHz	4028	235	2.18	\$1,849.95**
Intel Core2 L7400 @ 1.50GHz	837	925	NA	NA
Intel Core2 Quad Q6600 @ 2.40GHz	2972	360	24.78	\$119.95*
Intel Core2 Quad Q6700 @ 2.66GHz	3359	316	14.60	\$230.00*
Intel Core2 Quad Q8200 @ 2.33GHz	3283	325	14.28	\$229.95**
Intel Core2 Quad Q8300 @ 2.50GHz	3561	290	25.62	\$139.00*
Intel Core2 Quad Q8400 @ 2.66GHz	3698	270	9.27	\$398.95*
Intel Core2 Quad Q9000 @ 2.00GHz	3018	353	7.76	\$389.00**
Intel Core2 Quad Q9100 @ 2.26GHz	3526	294	9.14	\$385.89**
Intel Core2 Quad Q9300 @ 2.50GHz	3617	284	14.53	\$249.00**
Intel Core2 Quad Q9400 @ 2.66GHz	3785	260	12.25	\$309.00*
Intel Core2 Quad Q9450 @ 2.66GHz	4041	233	12.75	\$317.00**
Intel Core2 Quad Q9500 @ 2.83GHz	4027	236	22.01	\$183.00**
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q9505 @ 2.83GHz	4045	232	16.36	\$247.23**
Intel Core2 Quad Q9550 @ 2.83GHz	4299	213	11.78	\$364.95*
Intel Core2 Quad Q9650 @ 3.00GHz	4562	200	9.18	\$497.00*
Intel Core2 Solo U2100 @ 1.06GHz	303	1282	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	1272	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	504	1072	NA	NA
Intel Core2 T6600 @ 2.20GHz	1512	663	NA	NA
Intel Core2 T9550 @ 2.66GHz	2235	472	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 U7500 @ 1.06GHz	567	1033	NA	NA
Intel Core2 U7600 @ 1.20GHz	672	985	NA	NA
Intel Core2 U7700 @ 1.33GHz	692	973	NA	NA
Intel Core2 X6800 @ 2.93GHz	1827	551	6.93	\$263.64**
Intel L2300 @ 1.50GHz	741	961	NA	NA
Intel L2400 @ 1.66GHz	782	946	NA	NA
Intel Pentium 4 1.40GHz	164	1411	NA	NA
Intel Pentium 4 1.50GHz	174	1404	NA	NA
Intel Pentium 4 1.60GHz	191	1398	NA	NA
Intel Pentium 4 1.70GHz	201	1389	NA	NA
Intel Pentium 4 1.80GHz	217	1376	NA	NA
Intel Pentium 4 1.90GHz	229	1365	NA	NA
Intel Pentium 4 1300MHz	164	1409	NA	NA
Intel Pentium 4 1400MHz	166	1408	NA	NA
Intel Pentium 4 1500MHz	176	1403	NA	NA
Intel Pentium 4 1600MHz	193	1396	NA	NA
Intel Pentium 4 1700MHz	204	1386	NA	NA
Intel Pentium 4 1800MHz	213	1379	NA	NA
Intel Pentium 4 2.00GHz	247	1350	NA	NA
Intel Pentium 4 2.20GHz	278	1316	NA	NA
Intel Pentium 4 2.26GHz	282	1309	NA	NA
Intel Pentium 4 2.40GHz	312	1270	NA	NA
Intel Pentium 4 2.50GHz	307	1278	NA	NA
Intel Pentium 4 2.53GHz	313	1268	NA	NA
Intel Pentium 4 2.60GHz	406	1167	NA	NA
Intel Pentium 4 2.66GHz	334	1243	NA	NA
Intel Pentium 4 2.80GHz	414	1158	NA	NA
Intel Pentium 4 2.93GHz	408	1164	NA	NA
Intel Pentium 4 3.00GHz	489	1082	NA	NA
Intel Pentium 4 3.06GHz	475	1102	NA	NA
Intel Pentium 4 3.20GHz	522	1058	NA	NA
Intel Pentium 4 3.40GHz	549	1040	NA	NA
Intel Pentium 4 3.46GHz	610	1007	NA	NA
Intel Pentium 4 3.60GHz	587	1022	NA	NA
Intel Pentium 4 3.73GHz	675	982	NA	NA
Intel Pentium 4 3.80GHz	636	998	NA	NA
Intel Pentium 4 Family 2.40GHz	290	1295	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	1413	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	1391	NA	NA
Intel Pentium 4 Mobile 1.60GHz	199	1390	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	1384	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 Mobile 1.80GHz	224	1370	NA	NA
Intel Pentium 4 Mobile 1.90GHz	237	1360	NA	NA
Intel Pentium 4 Mobile 2.00GHz	235	1361	NA	NA
Intel Pentium 5 2.66GHz	705	971	NA	NA
Intel Pentium 957 @ 1.20GHz	1078	829	NA	NA
Intel Pentium 967 @ 1.30GHz	1304	736	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	797	NA	NA
Intel Pentium 987 @ 1.50GHz	1545	648	NA	NA
Intel Pentium B940 @ 2.00GHz	1857	543	NA	NA
Intel Pentium B950 @ 2.10GHz	1893	539	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 Pentium B960 @ 2.20GHz	2072	497	NA	NA
Intel Pentium B970 @ 2.30GHz	2263	467	NA	NA
Intel Pentium D 2.66GHz	667	987	NA	NA
Intel Pentium D 2.80GHz	741	962	NA	NA
Intel Pentium D 3.00GHz	812	931	NA	NA
Intel Pentium D 3.20GHz	887	905	NA	NA
Intel Pentium D 3.40GHz	931	886	NA	NA
Intel Pentium D 3.46GHz	1278	749	NA	NA
Intel Pentium D 3.60GHz	1003	853	NA	NA
Intel Pentium D 3.73GHz	1290	743	NA	NA
Intel Pentium Dual E2140 @ 1.60GHz	903	898	13.48	\$67.00**
Intel Pentium Dual E2160 @ 1.80GHz	1023	845	10.77	\$95.00**
Intel Pentium Dual E2180 @ 2.00GHz	1122	808	6.24	\$179.95**
Intel Pentium Dual E2200 @ 2.20GHz	1246	765	13.54	\$91.99**
Intel Pentium Dual E2220 @ 2.40GHz	1378	712	20.57	\$67.00**
Intel Pentium Dual T2310 @ 1.46GHz	786	943	NA	NA
Intel Pentium Dual T2330 @ 1.60GHz	836	926	NA	NA
Intel Pentium Dual T2370 @ 1.73GHz	905	896	NA	NA
Intel Pentium Dual T2390 @ 1.86GHz	954	879	NA	NA
Intel Pentium Dual T2410 @ 2.00GHz	1040	842	NA	NA
Intel Pentium Dual T3200 @ 2.00GHz	1056	835	NA	NA
Intel Pentium Dual T3400 @ 2.16GHz	1147	799	NA	NA
Intel Pentium E5500 @ 2.80GHz	1798	561	26.84	\$67.00**
Intel Pentium E5800 @ 3.20GHz	1469	679	15.47	\$94.95**
Intel Pentium G620 @ 2.60GHz	2483	431	38.80	\$63.99*
Intel Pentium G620T @ 2.20GHz	2268	465	28.35	\$79.99**
Intel Pentium G630 @ 2.70GHz	2599	414	41.26	\$62.99*
Intel Pentium G630T @ 2.30GHz	2313	456	30.84	\$74.99*
Intel Pentium G640 @ 2.80GHz	2666	402	40.40	\$65.99*
Intel Pentium G6950 @ 2.80GHz	2021	505	22.48	\$89.89**
Intel Pentium G6960 @ 2.93GHz	2213	479	NA	NA
Intel Pentium G840 @ 2.80GHz	2808	381	31.92	\$87.98**
Intel Pentium G850 @ 2.90GHz	2828	378	40.41	\$69.99*
Intel Pentium G860 @ 3.00GHz	2911	370	39.88	\$72.99*
Intel Pentium G870 @ 3.10GHz	3221	333	35.79	\$89.99*
Intel Pentium III - S 1266MHz	309	1275	NA	NA
Intel Pentium III - S 1400MHz	328	1246	NA	NA
Intel Pentium III 1200MHz	278	1315	NA	NA
Intel Pentium III family 1266MHz	270	1325	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium III family 1400MHz	321	1254	NA	NA
Intel Pentium III Mobile 1000MHz	245	1352	NA	NA
Intel Pentium III Mobile 1066MHz	268	1329	NA	NA
Intel Pentium III Mobile 1133MHz	268	1328	NA	NA
Intel Pentium III Mobile 1200MHz	274	1323	NA	NA
Intel Pentium III Mobile 750MHz	103	1415	NA	NA
Intel Pentium III Mobile 800MHz	201	1388	NA	NA
Intel Pentium III Mobile 866MHz	214	1377	NA	NA
Intel Pentium III Mobile 933MHz	218	1375	NA	NA
Intel Pentium M 1.10GHz	299	1288	NA	NA
Intel Pentium M 1.20GHz	314	1265	NA	NA
Intel Pentium M 1.30GHz	343	1232	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 Pentium M 1.40GHz	369	1205	NA	NA
Intel Pentium M 1.50GHz	395	1183	NA	NA
Intel Pentium M 1.60GHz	405	1169	NA	NA
Intel Pentium M 1.70GHz	430	1140	NA	NA
Intel Pentium M 1.73GHz	446	1125	NA	NA
Intel Pentium M 1.80GHz	463	1109	NA	NA
Intel Pentium M 1.86GHz	477	1098	NA	NA
Intel Pentium M 1000MHz	243	1355	NA	NA
Intel Pentium M 1100MHz	259	1339	NA	NA
Intel Pentium M 1200MHz	288	1301	NA	NA
Intel Pentium M 1300MHz	300	1286	NA	NA
Intel Pentium M 1400MHz	315	1263	NA	NA
Intel Pentium M 1500MHz	345	1229	NA	NA
Intel Pentium M 1600MHz	365	1213	NA	NA
Intel Pentium M 1700MHz	367	1211	NA	NA
Intel Pentium M 2.00GHz	505	1071	NA	NA
Intel Pentium M 2.10GHz	531	1052	NA	NA
Intel Pentium M 2.13GHz	525	1056	NA	NA
Intel Pentium M 2.26GHz	562	1036	NA	NA
Intel Pentium M 900MHz	220	1373	NA	NA
Intel Pentium P6000 @ 1.87GHz	1434	688	NA	NA
Intel Pentium P6100 @ 2.00GHz	1545	649	NA	NA
Intel Pentium P6200 @ 2.13GHz	1647	610	NA	NA
Intel Pentium P6300 @ 2.27GHz	1686	593	NA	NA
Intel Pentium T4400 @ 2.20GHz	1366	717	NA	NA
Intel Pentium U5400 @ 1.20GHz	956	876	NA	NA
Intel Pentium U5600 @ 1.33GHz	1083	825	NA	NA
Intel SU1300 @ 1.06GHz	262	1336	NA	NA
Intel SU2300 @ 1.20GHz	914	893	NA	NA
Intel SU2500 @ 1.20GHz	589	1021	NA	NA
Intel SU2700 @ 1.30GHz	450	1121	NA	NA
Intel SU4100 @ 1.30GHz	984	866	NA	NA
Intel SU7300 @ 1.30GHz	986	862	NA	NA
Intel T1300 @ 1.66GHz	417	1156	NA	NA
Intel T1350 @ 1.86GHz	462	1110	NA	NA
Intel T1400 @ 1.73GHz	905	897	NA	NA
Intel T1400 @ 1.83GHz	519	1059	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel T1500 @ 1.86GHz	1002	854	NA	NA
Intel T1600 @ 1.66GHz	933	884	NA	NA
Intel T1700 @ 1.83GHz	1058	833	NA	NA
Intel T2050 @ 1.60GHz	759	955	NA	NA
Intel T2060 @ 1.60GHz	719	968	NA	NA
Intel T2080 @ 1.73GHz	761	953	NA	NA
Intel T2130 @ 1.86GHz	812	932	NA	NA
Intel T2250 @ 1.73GHz	799	940	NA	NA
Intel T2300 @ 1.66GHz	807	935	NA	NA
Intel T2400 @ 1.83GHz	884	907	31.57	\$28.00**
Intel T2500 @ 2.00GHz	941	882	NA	NA
Intel T2600 @ 2.16GHz	1009	851	NA	NA
Intel U1400 @ 1.20GHz	317	1260	NA	NA
Intel U2400 @ 1.06GHz	536	1049	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 2.00GHz	275	1320	NA	NA
Intel Xeon 2.40GHz	368	1207	40.44	\$9.10**
Intel Xeon 2.66GHz	435	1136	NA	NA
Intel Xeon 2.80GHz	515	1062	NA	NA
Intel Xeon 3.00GHz	692	975	NA	NA
Intel Xeon 3.06GHz	493	1080	NA	NA
Intel Xeon 3.20GHz	765	952	NA	NA
Intel Xeon 3.40GHz	577	1029	NA	NA
Intel Xeon 3.60GHz	595	1017	NA	NA
Intel Xeon 3.73GHz	1418	693	NA	NA
Intel Xeon 3.80GHz	756	957	NA	NA
Intel Xeon 3040 @ 1.86GHz	1100	816	7.86	\$140.00**
Intel Xeon 3050 @ 2.13GHz	1300	738	3.94	\$329.95**
Intel Xeon 3060 @ 2.40GHz	1709	587	5.72	\$298.95**
Intel Xeon 3065 @ 2.33GHz	1600	625	NA	NA
Intel Xeon 3070 @ 2.66GHz	1751	574	2.92	\$598.95**
Intel Xeon 5110 @ 1.60GHz	989	859	8.91	\$111.02**
Intel Xeon 5120 @ 1.86GHz	1196	780	4.51	\$265.00**
Intel Xeon 5130 @ 2.00GHz	1299	739	3.61	\$359.99**
Intel Xeon 5140 @ 2.33GHz	1526	656	NA	NA
Intel Xeon 5148 @ 2.33GHz	1548	645	104.17	\$14.86**
Intel Xeon 5150 @ 2.66GHz	1733	579	52.18	\$33.21**
Intel Xeon 5160 @ 3.00GHz	1965	519	NA	NA
Intel Xeon E3-1220 @ 3.10GHz	6381	115	30.83	\$206.99*
Intel Xeon E3-1220 V2 @ 3.10GHz	7342	84	NA	NA
Intel Xeon E3-1220L @ 2.20GHz	3381	312	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	6410	114	30.10	\$212.99*
Intel Xeon E3-1225 V2 @ 3.20GHz	7546	76	NA	NA
Intel Xeon E3-1230 @ 3.20GHz	8423	58	36.00	\$233.99*
Intel Xeon E3-1230 V2 @ 3.30GHz	9708	38	NA	NA
Intel Xeon E3-1235 @ 3.20GHz	8382	60	32.12	\$260.99*
Intel Xeon E3-1240 @ 3.30GHz	7881	70	29.74	\$264.99*
Intel Xeon E3-1240 V2 @ 3.40GHz	10214	26	NA	NA
Intel Xeon E3-1245 @ 3.30GHz	8278	63	29.57	\$279.99*
Intel Xeon E3-1245 V2 @ 3.40GHz	10149	29	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1260L @ 2.40GHz	6692	104	NA	NA
Intel Xeon E3-1265L V2 @ 2.50GHz	8823	53	28.46	\$309.99*
Intel Xeon E3-1270 @ 3.40GHz	8825	52	25.96	\$339.99*
Intel Xeon E3-1270 V2 @ 3.50GHz	10158	28	NA	NA
Intel Xeon E3-1275 @ 3.40GHz	8810	54	24.61	\$357.99*
Intel Xeon E3-1275 V2 @ 3.50GHz	10343	22	NA	NA
Intel Xeon E3-1280 @ 3.50GHz	9225	44	14.41	\$639.99*
Intel Xeon E3-1290 @ 3.60GHz	9793	37	11.07	\$885.00**
Intel Xeon E3110 @ 3.00GHz	2308	458	7.72	\$298.95**
Intel Xeon E3120 @ 3.16GHz	2723	392	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5680	146	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	6236	126	NA	NA
Intel Xeon E5-1620 @ 3.60GHz	9678	39	NA	NA
Intel Xeon E5-1650 @ 3.20GHz	13245	10	22.72	\$583.99*
Intel Xeon E5-1660 @ 3.30GHz	13619	8	12.73	\$1,069.99*
Intel Xeon E5-2609 @ 2.40GHz	4438	207	14.79	\$299.99*





CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2620 @ 2.00GHz	9127	46	21.94	\$415.99*
Intel Xeon E5-2630 @ 2.30GHz	9195	45	14.48	\$634.95*
Intel Xeon E5-2640 @ 2.50GHz	10832	15	12.04	\$899.99*
Intel Xeon E5-2643 @ 3.30GHz	8389	59	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	12927	13	11.75	\$1,099.99*
Intel Xeon E5-2660 @ 2.20GHz	14004	7	10.53	\$1,329.99*
Intel Xeon E5-2665 @ 2.40GHz	14585	5	10.20	\$1,429.99*
Intel Xeon E5-2667 @ 2.90GHz	12563	14	NA	NA
Intel Xeon E5-2670 @ 2.60GHz	15565	3	10.27	\$1,516.00*
Intel Xeon E5-2680 @ 2.70GHz	13176	11	7.62	\$1,729.99*
Intel Xeon E5-2687W @ 3.10GHz	16304	2	8.58	\$1,899.99*
Intel Xeon E5-2690 @ 2.90GHz	16609	1	8.14	\$2,039.99*
Intel Xeon E5-4640 @ 2.40GHz	13141	12	NA	NA
Intel Xeon E5-4650 @ 2.70GHz	14969	4	NA	NA
Intel Xeon E5205 @ 1.86GHz	1375	714	NA	NA
Intel Xeon E5240 @ 3.00GHz	2492	430	NA	NA
Intel Xeon E5310 @ 1.60GHz	2228	474	28.15	\$79.14**
Intel Xeon E5320 @ 1.86GHz	2264	466	7.57	\$298.95**
Intel Xeon E5335 @ 2.00GHz	2576	416	3.96	\$649.95**
Intel Xeon E5345 @ 2.33GHz	2859	374	14.56	\$196.42**
Intel Xeon E5405 @ 2.00GHz	2936	365	9.82	\$298.95**
Intel Xeon E5410 @ 2.33GHz	3509	295	13.19	\$266.01**
Intel Xeon E5420 @ 2.50GHz	3761	262	8.49	\$443.05**
Intel Xeon E5430 @ 2.66GHz	4152	225	6.93	\$598.95**
Intel Xeon E5440 @ 2.83GHz	4346	211	11.45	\$379.42**
Intel Xeon E5450 @ 3.00GHz	4473	203	4.22	\$1,058.95**
Intel Xeon E5462 @ 2.80GHz	4349	210	16.99	\$255.99**
Intel Xeon E5502 @ 1.87GHz	1508	664	7.36	\$204.99**
Intel Xeon E5503 @ 2.00GHz	1744	576	8.47	\$205.99**
Intel Xeon E5504 @ 2.00GHz	3140	340	12.92	\$242.99*
Intel Xeon E5506 @ 2.13GHz	3395	311	14.21	\$238.99**
Intel Xeon E5507 @ 2.27GHz	3632	280	12.74	\$284.99**
Intel Xeon E5520 @ 2.27GHz	4373	209	14.72	\$297.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5530 @ 2.40GHz	4700	189	7.52	\$624.99**
Intel Xeon E5540 @ 2.53GHz	4495	202	5.68	\$791.99**
Intel Xeon E5603 @ 1.60GHz	2680	397	13.54	\$197.99*
Intel Xeon E5606 @ 2.13GHz	3698	271	16.01	\$230.99*
Intel Xeon E5607 @ 2.27GHz	3859	252	13.64	\$282.99*
Intel Xeon E5620 @ 2.40GHz	4695	190	12.04	\$389.99**
Intel Xeon E5630 @ 2.53GHz	4887	178	8.76	\$557.99*
Intel Xeon E5640 @ 2.67GHz	4947	173	6.34	\$779.99*
Intel Xeon E5645 @ 2.40GHz	6975	90	12.50	\$557.99*
Intel Xeon E5649 @ 2.53GHz	8118	66	10.41	\$779.99*
Intel Xeon L3426 @ 1.87GHz	3840	255	11.78	\$325.99**
Intel Xeon L5240 @ 3.00GHz	2420	439	NA	NA
Intel Xeon L5320 @ 1.86GHz	2505	429	19.11	\$131.06**
Intel Xeon L5420 @ 2.50GHz	3561	289	9.23	\$386.00**
Intel Xeon L5520 @ 2.27GHz	4901	175	7.54	\$645.99**
Intel Xeon L5640 @ 2.27GHz	8106	67	8.13	\$996.00**
Intel Xeon W 570 @ 3.20GHz	5350	159	NA	NA
Intel Xeon W3503 @ 2.40GHz	1897	536	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 W3505 @ 2.53GHz	2108	492	NA	NA
Intel Xeon W3520 @ 2.67GHz	4918	174	13.66	\$359.99**
Intel Xeon W3530 @ 2.80GHz	5229	161	18.35	\$285.00**
Intel Xeon W3540 @ 2.93GHz	5574	151	7.97	\$698.95**
Intel Xeon W3550 @ 3.07GHz	5749	144	18.61	\$308.99**
Intel Xeon W3565 @ 3.20GHz	6043	135	19.06	\$316.99**
Intel Xeon W3570 @ 3.20GHz	6879	95	6.31	\$1,089.99**
Intel Xeon W3580 @ 3.33GHz	6689	105	6.17	\$1,083.47**
Intel Xeon W3670 @ 3.20GHz	8356	62	13.97	\$597.99*
Intel Xeon W3680 @ 3.33GHz	10047	31	16.31	\$615.99*
Intel Xeon W3690 @ 3.47GHz	10247	23	9.79	\$1,046.99*
Intel Xeon W5580 @ 3.20GHz	6349	119	3.82	\$1,659.99**
Intel Xeon W5590 @ 3.33GHz	6815	98	4.21	\$1,617.99**
Intel Xeon X3210 @ 2.13GHz	2631	411	12.24	\$214.99**
Intel Xeon X3220 @ 2.40GHz	3051	349	10.21	\$298.95**
Intel Xeon X3230 @ 2.66GHz	3793	258	12.22	\$310.51**
Intel Xeon X3320 @ 2.50GHz	3673	274	15.97	\$229.95**
Intel Xeon X3330 @ 2.66GHz	3792	259	16.94	\$223.79**
Intel Xeon X3350 @ 2.66GHz	4295	214	16.03	\$268.00**
Intel Xeon X3360 @ 2.83GHz	4219	218	15.74	\$268.00**
Intel Xeon X3370 @ 3.00GHz	4894	176	13.39	\$365.50**
Intel Xeon X3380 @ 3.16GHz	5519	153	NA	NA
Intel Xeon X3430 @ 2.40GHz	3852	254	17.92	\$214.99**
Intel Xeon X3440 @ 2.53GHz	5346	160	21.82	\$244.99*
Intel Xeon X3450 @ 2.67GHz	5223	162	18.01	\$289.99**
Intel Xeon X3460 @ 2.80GHz	5582	150	15.51	\$359.99**
Intel Xeon X3470 @ 2.93GHz	5987	139	17.11	\$349.99**
Intel Xeon X5260 @ 3.33GHz	2615	413	3.07	\$851.00**
Intel Xeon X5272 @ 3.40GHz	2858	375	6.65	\$429.95**
Intel Xeon X5355 @ 2.66GHz	3427	308	6.99	\$490.00**
Intel Xeon X5365 @ 3.00GHz	3916	246	3.01	\$1,298.95**
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5450 @ 3.00GHz	4579	198	5.37	\$852.00**
Intel Xeon X5460 @ 3.16GHz	4959	172	4.96	\$999.99**
Intel Xeon X5470 @ 3.33GHz	4693	191	NA	NA
Intel Xeon X5472 @ 3.00GHz	4787	183	5.67	\$844.50**
Intel Xeon X5482 @ 3.20GHz	4992	171	3.90	\$1,279.00**
Intel Xeon X5492 @ 3.40GHz	4639	193	3.33	\$1,391.29**
Intel Xeon X5550 @ 2.67GHz	5009	168	4.99	\$1,003.99**
Intel Xeon X5560 @ 2.80GHz	5479	155	4.38	\$1,251.99**
Intel Xeon X5570 @ 2.93GHz	6071	134	20.29	\$299.25*
Intel Xeon X5647 @ 2.93GHz	6646	106	5.50	\$1,207.50**
Intel Xeon X5650 @ 2.67GHz	7955	69	7.92	\$1,003.99*
Intel Xeon X5660 @ 2.80GHz	8606	56	8.00	\$1,076.25*
Intel Xeon X5667 @ 3.07GHz	6295	124	4.37	\$1,440.00**
Intel Xeon X5670 @ 2.93GHz	8801	55	6.10	\$1,442.01*
Intel Xeon X5672 @ 3.20GHz	6211	130	NA	NA
Intel Xeon X5675 @ 3.07GHz	10148	30	7.06	\$1,437.00*
Intel Xeon X5677 @ 3.47GHz	6348	120	3.82	\$1,6
Intel Xeon X5679 @ 3.20GHz	10183	27	NA	NA
Intel Xeon X5680 @ 3.33GHz	9933	33	6.76	\$1,47
Intel Xeon X5687 @ 3.60GHz	7322	85	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 X5690 @ 3.47GHz	10460	18	6.30	\$1,659.99*
Mobile AMD Athl	309	1274	NA	NA
Mobile AMD Athlon 1800+	327	1248	NA	NA
Mobile AMD Athlon 2500+	412	1160	NA	NA
Mobile AMD Athlon 4	347	1227	3.99	\$86.99**
Mobile AMD Athlon 4 2400+	379	1196	NA	NA
Mobile AMD Athlon 64 2700+	398	1180	NA	NA
Mobile AMD Athlon 64 2800+	440	1132	NA	NA
Mobile AMD Athlon 64 3000+	450	1120	NA	NA
Mobile AMD Athlon 64 3200+	527	1055	NA	NA
Mobile AMD Athlon 64 3400+	485	1087	NA	NA
Mobile AMD Athlon 64 3700+	519	1060	NA	NA
Mobile AMD Athlon 64 4000+	566	1034	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	1300	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	1242	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	1202	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	1101	NA	NA
Mobile AMD Athlon XP-M 1400+	183	1402	NA	NA
Mobile AMD Athlon XP-M 1500+	289	1299	NA	NA
Mobile AMD Athlon XP-M 1600+	257	1341	NA	NA
Mobile AMD Athlon XP-M 1700+	324	1251	NA	NA
Mobile AMD Athlon XP-M 1800+	312	1271	NA	NA
Mobile AMD Athlon XP-M 1900+	342	1233	NA	NA
Mobile AMD Athlon XP-M 2000+	339	1235	NA	NA
Mobile AMD Athlon XP-M 2200+	376	1198	NA	NA
Mobile AMD Athlon XP-M 2400+	365	1212	NA	NA
Mobile AMD Athlon XP-M 2500+	393	1186	NA	NA
Mobile AMD Athlon XP-M 2600+	412	1159	NA	NA
Mobile AMD Athlon XP-M 2800+	416	1157	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M 3000+	425	1146	NA	NA
Mobile AMD Duron	242	1356	NA	NA
Mobile AMD Sempron	430	1141	NA	NA
Mobile AMD Sempron 2100+	265	1331	NA	NA
Mobile AMD Sempron 2600+	403	1175	NA	NA
Mobile AMD Sempron 2800+	389	1189	NA	NA
Mobile AMD Sempron 3000+	419	1152	NA	NA
Mobile AMD Sempron 3100+	426	1142	NA	NA
Mobile AMD Sempron 3200+	381	1195	NA	NA
Mobile AMD Sempron 3300+	448	1124	NA	NA
Mobile AMD Sempron 3400+	420	1151	NA	NA
Mobile AMD Sempron 3500+	443	1130	NA	NA
Mobile AMD Sempron 3600+	475	1100	NA	NA
Mobile AMD Sempron 3800+	538	1047	NA	NA
Mobile Intel Celeron 1.20GHz	170	1405	NA	NA
Mobile Intel Celeron 1.50GHz	188	1400	NA	NA
Mobile Intel Celeron 1.60GHz	188	1399	NA	NA
Mobile Intel Celeron 1.70GHz	196	1392	NA	NA
Mobile Intel Celeron 1.80GHz	212	1380	NA	NA
Mobile Intel Celeron 1200MHz	294	1292	NA	NA
Mobile Intel Celeron 1333MHz	309	1276	NA	NA
Mobile Intel Celeron 2.00GHz	241	1358	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)
Mobile Intel Celeron 2.20GHz	253	1346	NA	NA
Mobile Intel Celeron 2.40GHz	266	1330	NA	NA
Mobile Intel Celeron 2.50GHz	285	1306	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	1393	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	214	1378	NA	NA
Mobile Intel Pentium 4 - M 1.80GHz	221	1372	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	1363	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	241	1357	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	255	1344	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	275	1321	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	1342	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	1267	NA	NA
Mobile Intel Pentium 4 2.30GHz	285	1307	6.54	\$43.56**
Mobile Intel Pentium 4 2.40GHz	264	1333	NA	NA
Mobile Intel Pentium 4 2.66GHz	307	1277	NA	NA
Mobile Intel Pentium 4 2.80GHz	337	1238	NA	NA
Mobile Intel Pentium 4 3.06GHz	409	1163	NA	NA
Mobile Intel Pentium 4 3.20GHz	453	1118	NA	NA
Mobile Intel Pentium 4 3.33GHz	500	1075	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	1096	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	1348	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	1297	NA	NA
Mobile Intel Pentium III - M 1200MHz	279	1314	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	1298	NA	NA
Mobile Intel Pentium III - M 866MHz	211	1381	NA	NA
Mobile Intel Pentium III - M 933MHz	226	1369	NA	NA
Pentium 4	349	1224	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Pentium Dual-Core E2210 @ 2.20GHz	1359	718	NA	NA
Pentium Dual-Core E5200 @ 2.50GHz	1649	609	24.61	\$67.00**
Pentium Dual-Core E5300 @ 2.60GHz	1726	581	22.71	\$75.99**
Pentium Dual-Core E5400 @ 2.70GHz	1801	560	24.18	\$74.48**
Pentium Dual-Core E5500 @ 2.80GHz	1917	530	25.91	\$73.99**
Pentium Dual-Core E5700 @ 3.00GHz	2001	508	28.19	\$70.99**
Pentium Dual-Core E5800 @ 3.20GHz	2203	481	28.09	\$78.42**
Pentium Dual-Core E6300 @ 2.80GHz	1894	537	12.63	\$149.95**
Pentium Dual-Core E6500 @ 2.93GHz	1982	515	11.80	\$168.00**
Pentium Dual-Core E6600 @ 3.06GHz	2079	495	25.99	\$79.99**
Pentium Dual-Core E6700 @ 3.20GHz	2194	483	NA	NA
Pentium Dual-Core E6800 @ 3.33GHz	2377	443	22.98	\$103.43**
Pentium Dual-Core T4200 @ 2.00GHz	1270	754	NA	NA
Pentium Dual-Core T4300 @ 2.10GHz	1442	686	NA	NA
Pentium Dual-Core T4400 @ 2.20GHz	1523	659	NA	NA
Pentium Dual-Core T4500 @ 2.30GHz	1581	631	NA	NA
Pentium III	193	1397	NA	NA
Quad-Core AMD Opteron 1352	2653	403	19.51	\$135.99**
Quad-Core AMD Opteron 1354	2560	417	8.26	\$309.97**
Quad-Core AMD Opteron 1356	2647	406	12.50	\$211.80**
Quad-Core AMD Opteron 2356	2891	373	NA	NA
Quad-Core AMD Opteron 2378	3296	324	18.41	\$179.99**
Quad-Core AMD Opteron 2380	2640	409	6.75	\$391.99**
Six-Core AMD Opteron 2431	4586	196	5.63	\$814.99**

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Turbo 2200X comb Series	203	1387	NA	NA
Turbo 3000+	363	1218	NA	NA
Turbo 3400+X Comb Featuring VIG4 Sempron 2200+	318	1258	NA	NA
VIA C7 1500MHz	284	1308	NA	NA
VIA C7-D 1500MHz	287	1305	NA	NA
VIA C7-D 1800MHz	316	1262	NA	NA
VIA C7-M 1000MHz	164	1410	NA	NA
VIA C7-M 1200MHz	210	1382	NA	NA
VIA C7-M 1600MHz	258	1340	NA	NA
VIA C7-M 6300MHz	277	1317	NA	NA
VIA Esther 1000MHz	169	1407	NA	NA
VIA Esther 1500MHz	269	1326	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	1197	NA	NA
VIA Nano U2500@1200MHz	356	1221	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	1074	NA	NA
VIA Nano U3300@1200MHz	409	1162	NA	NA
VIA Nano U3500@1000MHz	306	1279	NA	NA
VIA Nehemiah	205	1385	NA	NA

\* - Price available from our affiliates.

\*\* - Last seen price.

## 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 E7- 4820 @ 2.00GHz	24511	9	NA	NA
[3-Way] Six-Core AMD Opteron 8425 HE	10707	75	NA	NA
[8-Way] Intel Core i7 920 @ 2.67GHz	1199	230	0.40	\$3,032.00*
[8-Way] Intel Core i7 930 @ 2.80GHz	1321	225	0.43	\$3,039.60*
[8-Way] Intel Core i7-3610QM @ 2.30GHz	1804	210	NA	NA
[8-Way] Six-Core AMD Opteron 8435	17390	28	NA	NA
[Dual CPU] AMD Athlon	745	249	NA	NA
[Dual CPU] AMD Athlon 64 FX-70	2906	183	NA	NA
[Dual CPU] AMD Athlon 64 FX-72	3093	176	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	3559	164	3.56	\$999.00**
[Dual CPU] AMD Athlon MP	904	241	NA	NA
[Dual CPU] AMD Athlon MP 1900+	670	252	NA	NA
[Dual CPU] AMD Athlon MP 2400+	866	245	NA	NA
[Dual CPU] AMD Athlon MP 2600+	888	242	NA	NA
[Dual CPU] AMD Athlon MP 2800+	927	239	NA	NA
[Dual CPU] AMD Opteron 240	752	248	NA	NA
[Dual CPU] AMD Opteron 242	786	247	NA	NA
[Dual CPU] AMD Opteron 244	1054	234	1.89	\$557.90**
[Dual CPU] AMD Opteron 246	1177	231	NA	NA
[Dual CPU] AMD Opteron 248	1243	227	NA	NA
[Dual CPU] AMD Opteron 250	1431	220	8.26	\$173.00
[Dual CPU] AMD Opteron 252	1510	217	26.04	\$57.90
[Dual CPU] AMD Opteron 254	1541	216	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)
[Dual CPU] AMD Opteron 256	2153	204	NA	NA
[Dual CPU] AMD Opteron 4130	6358	124	24.09	\$263.98*
[Dual CPU] AMD Opteron 4164 EE	6357	125	NA	NA
[Dual CPU] AMD Opteron 4176 HE	8707	102	10.10	\$862.24**
[Dual CPU] AMD Opteron 4180	9445	90	20.53	\$460.04*
[Dual CPU] AMD Opteron 4184	10576	76	15.55	\$679.98**
[Dual CPU] AMD Opteron 4234	11209	68	28.74	\$389.98**
[Dual CPU] AMD Opteron 4238	10537	78	19.16	\$549.98*
[Dual CPU] AMD Opteron 4280	12919	55	23.07	\$559.98**
[Dual CPU] AMD Opteron 6128	9231	95	17.10	\$539.98*
[Dual CPU] AMD Opteron 6134	10913	72	9.92	\$1,099.98**
[Dual CPU] AMD Opteron 6136	11193	69	7.50	\$1,492.00*
[Dual CPU] AMD Opteron 6166 HE	12079	62	NA	NA
[Dual CPU] AMD Opteron 6172	14180	46	10.93	\$1,297.40**
[Dual CPU] AMD Opteron 6174	15498	41	4.88	\$3,176.30**
[Dual CPU] AMD Opteron 6176 SE	11814	67	2.79	\$4,228.50**
[Dual CPU] AMD Opteron 6180 SE	16867	32	NA	NA
[Dual CPU] AMD Opteron 6220	13244	50	11.83	\$1,119.98*
[Dual CPU] AMD Opteron 6234	15329	42	20.72	\$739.98*
[Dual CPU] AMD Opteron 6238	16665	34	17.18	\$969.98*
[Dual CPU] AMD Opteron 6272	17524	25	16.85	\$1,039.98*
[Dual CPU] AMD Opteron 6274	19238	19	16.03	\$1,199.98*
[Dual CPU] AMD Opteron 6284 SE	23387	13	NA	NA
[Dual CPU] AMD Opteron 852	1334	224	NA	NA
[Dual CPU] AMD Opteron 856	1904	208	NA	NA
[Dual CPU] Dual Core AMD Opteron 265	2190	202	NA	NA
[Dual CPU] Dual Core AMD Opteron 270	2284	200	9.55	\$239.26**
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Dual Core AMD Opteron 275	2535	195	20.08	\$126.22**
[Dual CPU] Dual Core AMD Opteron 280	2787	187	46.62	\$59.78**
[Dual CPU] Dual Core AMD Opteron 285	3104	175	NA	NA
[Dual CPU] Dual Core AMD Opteron 285 SE	2900	184	NA	NA
[Dual CPU] Dual Core AMD Opteron 290	3262	170	12.08	\$270.00**
[Dual CPU] Dual Core AMD Opteron 870 HE	2422	197	NA	NA
[Dual CPU] Dual Core AMD Opteron 875	2716	189	NA	NA
[Dual CPU] Dual Core AMD Opteron 880	2974	181	1.93	\$1,539.98**
[Dual CPU] Dual Core AMD Opteron 885	2874	185	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2210	2306	199	19.36	\$119.14**
[Dual CPU] Dual-Core AMD Opteron 2212	2460	196	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2214	2697	190	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2214 HE	2565	193	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2216	2924	182	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2218	3008	179	75.46	\$39.86*
[Dual CPU] Dual-Core AMD Opteron 2220	3343	169	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2220 SE	3212	173	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2222	3181	174	38.80	\$81.98**
[Dual CPU] Dual-Core AMD Opteron 2222 SE	3527	166	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2224 SE	3881	160	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8220	3651	163	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8222 SE	3214	172	NA	NA
[Dual CPU] Intel 3.20GHz	2157	203	NA	NA
[Dual CPU] Intel Core i7 720QM @ 1.60GHz	1734	212	4.36	\$398.00

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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 Core2 Duo E6300 @ 1.86GHz	1032	235	3.29	\$314.00**
[Dual CPU] Intel Core2 Duo E6400 @ 2.13GHz	1395	221	2.33	\$597.90**
[Dual CPU] Intel Core2 Duo E6420 @ 2.13GHz	1216	229	3.22	\$378.00**
[Dual CPU] Intel Core2 Duo E6600 @ 2.40GHz	1452	218	3.63	\$399.98*
[Dual CPU] Intel Core2 Duo E6850 @ 3.00GHz	2099	206	5.61	\$374.00*
[Dual CPU] Intel Core2 Duo E8400 @ 3.00GHz	2258	201	6.13	\$368.40*
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	9683	83	2.62	\$3,699.90**
[Dual CPU] Intel Pentium 4 3.00GHz	378	262	NA	NA
[Dual CPU] Intel Pentium Dual E2180 @ 2.00GHz	1118	233	3.11	\$359.90**
[Dual CPU] Intel Pentium III - S 1400MHz	638	253	NA	NA
[Dual CPU] Intel Pentium III family 1133MHz	520	257	NA	NA
[Dual CPU] Intel Pentium III family 1266MHz	581	254	NA	NA
[Dual CPU] Intel Xeon 1.70GHz	382	261	0.96	\$399.98**
[Dual CPU] Intel Xeon 1.80GHz	439	259	NA	NA
[Dual CPU] Intel Xeon 1700MHz	386	260	NA	NA
[Dual CPU] Intel XEON 2.00GHz	485	258	NA	NA
[Dual CPU] Intel XEON 2.20GHz	526	256	NA	NA
[Dual CPU] Intel XEON 2.40GHz	706	250	NA	NA
[Dual CPU] Intel Xeon 2.60GHz	836	246	NA	NA
[Dual CPU] Intel Xeon 2.66GHz	886	243	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	962	237	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	1320	226	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	879	244	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	1373	222	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	1152	232	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon 3.60GHz	1232	228	NA	NA
[Dual CPU] Intel Xeon 3.73GHz	2695	191	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	1365	223	NA	NA
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2143	205	9.65	\$222.04**
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2388	198	4.51	\$530.00**
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2692	192	3.74	\$719.98**
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	3014	178	NA	NA
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	3059	177	102.93	\$29.72**
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3542	165	53.33	\$66.42**
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3978	157	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	18994	21	16.66	\$1,139.98*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	22988	14	9.99	\$2,299.98*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	7264	111	17.30	\$419.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	9640	84	16.07	\$599.98*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	16996	30	20.43	\$831.98*
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	19106	20	15.05	\$1,269.90*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	20507	17	11.39	\$1,799.98*
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	16241	37	NA	NA
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	21460	16	9.75	\$2,199.98*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	21555	15	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	23887	10	8.98	\$2,659.98*
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	27150	8	9.49	\$2,859.98*
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	23414	12	NA	NA
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	28459	7	9.39	\$3,039.98*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	29129	6	8.42	\$3,459.98*

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[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	32040	4	8.43	\$3,799.98*
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	32666	1	8.01	\$4,079.98*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4996	144	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3819	161	24.13	\$158.28**
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4585	153	7.67	\$597.90**
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	5115	141	3.93	\$1,299.90**
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5962	130	15.18	\$392.84**
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	6197	128	10.36	\$597.90**
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6972	114	13.10	\$532.02**
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	7738	108	8.73	\$886.10**
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	8319	105	6.94	\$1,197.90**
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	8646	103	11.39	\$758.84**
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	9116	96	4.30	\$2,117.90**
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	8446	104	16.50	\$511.98**
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	9586	86	4.36	\$2,197.90**
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	3006	180	7.33	\$409.98**
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	3384	168	8.21	\$411.98**
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	6254	127	12.87	\$485.98*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	6616	122	13.84	\$477.98**
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	7263	112	12.74	\$569.98**
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	9054	97	15.24	\$594.00*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	9304	94	7.44	\$1,249.98**
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	9774	82	6.17	\$1,583.98**
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	5379	138	13.58	\$395.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	6887	116	14.91	\$461.98*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	9597	85	12.30	\$779.98**
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	9349	92	8.38	\$1,115.98*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	9954	81	6.38	\$1,559.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	13760	47	12.33	\$1,115.98*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	14222	45	9.12	\$1,559.98*
[Dual CPU] Intel Xeon E7- 4830 @ 2.13GHz	16522	36	3.92	\$4,211.98**
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4789	149	NA	NA
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4598	152	17.54	\$262.12**
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	5059	143	9.88	\$511.90**
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	7145	113	9.42	\$758.84**
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	7957	106	10.31	\$772.00**
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	9005	99	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	9400	91	7.23	\$1,299.98**
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	12763	58	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	13683	48	6.86	\$1,993.98*
[Dual CPU] Intel Xeon L7555 @ 1.87GHz	12970	53	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	908	240	NA	NA
[Dual CPU] Intel Xeon MP 3.00GHz	945	238	NA	NA
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	12961	54	3.90	\$3,319.98**
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	13071	51	4.04	\$3,235.98**
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	5206	139	3.06	\$1,702.00**
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4984	145	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	5511	134	6.41	\$855.98**
[Dual CPU] Intel Xeon X5350 @ 2.66GHz	6911	115	NA	NA
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	6807	118	6.95	\$980.98**
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	7611	110	2.93	\$2,597.98**

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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 X5450 @ 3.00GHz	9009	98	5.29	\$1,704.00**
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	9572	87	4.79	\$1,999.98**
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	10542	77	NA	NA
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	9345	93	5.53	\$1,689.00**
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	10083	80	3.94	\$2,558.00**
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	10799	73	3.88	\$2,782.58**
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	10773	74	5.37	\$2,007.98**
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	11864	65	4.74	\$2,503.98**
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	11896	64	19.88	\$598.50*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	11060	70	4.58	\$2,415.00**
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	15530	40	7.73	\$2,007.98*
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	17008	29	7.90	\$2,152.50*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	12007	63	4.17	\$2,880.00**
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	16627	35	5.77	\$2,884.02*
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	12918	56	NA	NA
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	17482	27	6.08	\$2,874.00*
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	12101	61	3.64	\$3,326.00**
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	15711	39	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	18870	22	6.42	\$2,940.00**
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	13253	49	NA	NA
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	19891	18	5.99	\$3,319.98*
[Dual CPU] Pentium Dual-Core E5200 @ 2.50GHz	1558	215	11.63	\$134.00**
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Pentium Dual-Core E5300 @ 2.60GHz	1825	209	12.01	\$151.98**
[Dual CPU] Pentium Dual-Core E5800 @ 3.20GHz	2563	194	16.34	\$156.84**
[Dual CPU] Pentium III	373	263	NA	NA
[Dual CPU] Quad-Core AMD Opteron 2347	3926	158	NA	NA
[Dual CPU] Quad-Core AMD Opteron 2347 HE	4294	155	NA	NA
[Dual CPU] Quad-Core AMD Opteron 2350	4819	147	8.92	\$539.98**
[Dual CPU] Quad-Core AMD Opteron 2352	4645	151	5.83	\$796.70**
[Dual CPU] Quad-Core AMD Opteron 2354	5108	142	NA	NA
[Dual CPU] Quad-Core AMD Opteron 2356	5476	137	NA	NA
[Dual CPU] Quad-Core AMD Opteron 2358 SE	4894	146	NA	NA
[Dual CPU] Quad-Core AMD Opteron 2360 SE	5499	135	NA	NA
[Dual CPU] Quad-Core AMD Opteron 2374 HE	4810	148	12.66	\$379.98**
[Dual CPU] Quad-Core AMD Opteron 2376	5664	131	NA	NA
[Dual CPU] Quad-Core AMD Opteron 2378	6074	129	16.97	\$358.00**
[Dual CPU] Quad-Core AMD Opteron 2380	6305	126	8.06	\$782.12**
[Dual CPU] Quad-Core AMD Opteron 2382	5640	132	6.78	\$832.00**
[Dual CPU] Quad-Core AMD Opteron 2384	6751	119	NA	NA
[Dual CPU] Quad-Core AMD Opteron 2386 SE	7665	109	NA	NA
[Dual CPU] Quad-Core AMD Opteron 2389	6634	121	6.63	\$1,000.00**
[Dual CPU] Quad-Core AMD Opteron 2393 SE	7754	107	NA	NA
[Dual CPU] Quad-Core AMD Opteron 8346 HE	4006	156	NA	NA
[Dual CPU] Quad-Core AMD Opteron 8350	5148	140	2.34	\$2,195.66**
[Dual CPU] Quad-Core AMD Opteron 8354	4726	150	33.76	\$140.00**
[Dual CPU] Quad-Core AMD Opteron 8356	5491	136	1.44	\$3.80**
[Dual CPU] Quad-Core AMD Opteron 8384	6814	117	NA	NA
[Dual CPU] Quad-Core AMD Opteron 8386 SE	6583	123	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419	6721	120	NA	NA

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[Dual CPU] Six-Core AMD Opteron 2431	8896	100	5.46	\$1,629.62**
[Dual CPU] Six-Core AMD Opteron 2435	9456	89	3.39	\$2,792.56**
[Dual CPU] Six-Core AMD Opteron 2439 SE	9505	88	NA	NA
[Dual CPU] Six-Core AMD Opteron 8439 SE	10255	79	NA	NA
[Dual CPU] VIA Eden X2 U4100 @ 800MHz	536	255	NA	NA
[Dual CPU] VIA Eden X2 U4200 @ 1.0+ GHz	677	251	NA	NA
[Dual CPU] VIA Nano X2 L4350 @ 1.6+ GHz	1024	236	NA	NA
[Quad CPU] AMD Opteron 6128	16964	31	15.71	\$1,079.96*
[Quad CPU] AMD Opteron 6168	23730	11	7.61	\$3,119.96**
[Quad CPU] AMD Opteron 6174	29628	5	4.66	\$6,352.60**
[Quad CPU] AMD Opteron 6272	32450	2	15.60	\$2,079.96*
[Quad CPU] AMD Opteron 6274	32357	3	13.48	\$2,399.96*
[Quad CPU] Dual Core AMD Opteron 885	5538	133	NA	NA
[Quad CPU] Intel Core i5-2320 @ 3.00GHz	1724	213	2.33	\$739.96*
[Quad CPU] Intel Core i5-2500K @ 3.30GHz	1751	211	2.01	\$869.96*
[Quad CPU] Intel Core2 Quad Q6600 @ 2.40GHz	2736	188	5.70	\$479.80*
[Quad CPU] Intel Core2 Quad Q8200 @ 2.33GHz	3254	171	3.54	\$919.80**
[Quad CPU] Intel Core2 Quad Q8300 @ 2.50GHz	2793	186	5.02	\$556.00*
[Quad CPU] Intel Core2 Quad Q8400 @ 2.66GHz	3907	159	2.45	\$1,595.80*
[Quad CPU] Intel Core2 Quad Q9550 @ 2.83GHz	4367	154	2.99	\$1,459.80*
[Quad CPU] Intel Core2 Quad Q9650 @ 3.00GHz	3814	162	1.92	\$1,988.00*
[Quad CPU] Intel Xeon 5160 @ 3.00GHz	3419	167	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 E7- 4807 @ 1.87GHz	18848	23	NA	NA
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	14495	44	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	16017	38	NA	NA
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	18304	24	1.45	\$12,618.52**
[Quad CPU] Quad-Core AMD Opteron 8350	8832	101	2.01	\$4,391.32**
[Quad CPU] Quad-Core AMD Opteron 8356	11026	71	1.45	\$7,614.96**
[Quad CPU] Quad-Core AMD Opteron 8360 SE	11822	66	NA	NA
[Quad CPU] Quad-Core AMD Opteron 8380	12130	60	NA	NA
[Quad CPU] Quad-Core AMD Opteron 8384	12830	57	NA	NA
[Quad CPU] Quad-Core AMD Opteron 8386 SE	12335	59	NA	NA
[Quad CPU] Quad-Core AMD Opteron 8387	13010	52	NA	NA
[Quad CPU] Six-Core AMD Opteron 8431	14788	43	NA	NA
[Quad CPU] Six-Core AMD Opteron 8435	17516	26	NA	NA
[Quad CPU] Six-Core AMD Opteron 8439 SE	16705	33	NA	NA
[Quad CPU] VIA QuadCore L4700 @ 1.2+ GHz	1582	214	NA	NA
[Quad CPU] VIA QuadCore L4800 @ 1.46+ GHz	1961	207	NA	NA
[Quad CPU] VIA QuadCore U4650 @ 1.0+ GHz	1432	219	NA	NA

\* - Price available from our affiliates.

\*\* - Last seen price.

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