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# CPU Benchmarks

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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)
Intel Xeon E5-2697 v2 @ 2.70GHz	17361	1	6.71	\$2,587.99
Intel Xeon E5-2690 v2 @ 3.00GHz	17304	2	8.05	\$2,149.99
Intel Xeon E5-2680 v2 @ 2.80GHz	16799	3	9.83	\$1,709.81
Intel Xeon E5-2687W v2 @ 3.40GHz	16664	4	7.98	\$2,089.33
Intel Xeon E5-2667 v2 @ 3.30GHz	16403	5	NA	NA
Intel Xeon E5-2670 v2 @ 2.50GHz	14638	6	8.87	\$1,649.99
Intel Xeon E5-2687W @ 3.10GHz	14529	7	7.59	\$1,912.99
Intel Xeon E5-2690 @ 2.90GHz	14298	8	6.85	\$2,085.99
Intel Core i7-4960X @ 3.60GHz	14078	9	13.41	\$1,049.99
Intel Xeon E5-2689 @ 2.60GHz	13897	10	NA	NA
Intel Xeon E5-2660 v2 @ 2.20GHz	13828	11	9.22	\$1,499.99
Intel Xeon E5-2658 v2 @ 2.40GHz	13678	12	NA	NA
Intel Xeon E5-1660 v2 @ 3.70GHz	13450	13	11.76	\$1,143.27*
Intel Xeon E5-2680 @ 2.70GHz	13230	14	7.48	\$1,767.99*
Intel Core i7-4930K @ 3.40GHz	13229	15	22.81	\$579.99
Intel Xeon E5-2650 v2 @ 2.60GHz	13185	16	11.35	\$1,161.60
Intel Xeon E5-2670 @ 2.60GHz	12867	17	7.89	\$1,631.00*
Intel Core i7-3970X @ 3.50GHz	12794	18	12.89	\$992.88
Intel Core i7-3960X @ 3.30GHz	12763	19	11.93	\$1,069.99
Intel Xeon E5-1650 v2 @ 3.50GHz	12518	20	19.10	\$655.41
Intel Xeon E5-1660 @ 3.30GHz	12474	21	11.22	\$1,111.99*
Intel Xeon E5-2665 @ 2.40GHz	12366	22	8.20	\$1,507.99*
Intel Core i7-3930K @ 3.20GHz	12147	23	21.31	\$569.99
Intel Core i7-4790K @ 4.00GHz	11976	24	35.22	\$339.99
Intel Xeon E5-2660 @ 2.20GHz	11961	25	8.75	\$1,366.99
Intel Xeon E5-4650 @ 2.70GHz	11960	26	3.07	\$3,899.99*
Intel Xeon E5-1650 @ 3.20GHz	11684	27	19.34	\$603.99*
Intel Xeon E5-2470 @ 2.30GHz	11149	28	7.53	\$1,479.99*
Intel Xeon E5-2630 v2 @ 2.60GHz	10493	29	16.34	\$641.99
Intel Xeon E5-2667 @ 2.90GHz	10482	30	6.75	\$1,552.00*
Intel Xeon E5-2650 @ 2.00GHz	10448	31	9.28	\$1,125.99
Intel Xeon E3-1280 v3 @ 3.60GHz	10420	32	NA	NA
Intel Xeon E3-1246 v3 @ 3.50GHz	10401	33	NA	NA
Intel Xeon E3-1276 v3 @ 3.60GHz	10398	34	NA	NA
Intel Core i7-4770R @ 3.20GHz	10366	35	NA	NA
Intel Core i7-4770K @ 3.50GHz	10298	36	31.73	\$324.50
AMD FX-9590 Eight-Core	10270	37	31.12	\$329.99
Intel Core i7-4790 @ 3.60GHz	10258	38	33.63	\$304.98
Intel Xeon E3-1270 v3 @ 3.50GHz	10171	39	29.06	\$349.99
Intel Core i7-4771 @ 3.50GHz	10049	40	31.40	\$319.99
Intel Core i7-4960HQ @ 2.60GHz	10042	41	NA	NA
Intel Core i7-4770 @ 3.40GHz	9942	42	33.14	\$299.98
Intel Xeon E3-1290 V2 @ 3.70GHz	9930	43	11.22	\$885.00*
Intel Core i7-4820K @ 3.70GHz	9883	44	30.41	\$324.99
Intel Core i7-4940MX @ 3.10GHz	9867	45	NA	NA
Intel Core i7-4910MQ @ 2.90GHz	9851	46	NA	NA
Intel Xeon E3-1231 v3 @ 3.40GHz	9827	47	NA	NA
Intel Xeon E3-1280 V2 @ 3.60GHz	9795	48	14.84	\$659.99
Intel Xeon E5-2640 @ 2.50GHz	9761	49	10.85	\$899.99
Intel Xeon E5-2643 v2 @ 3.50GHz	9751	50	NA	NA

Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1240 v3 @ 3.40GHz	9748	51	34.82	\$279.99
Intel Xeon W3690 @ 3.47GHz	9736	52	8.76	\$1,110.99*
AMD FX-9370 Eight-Core	9685	53	42.11	\$229.99
Intel Xeon E5-2658 @ 2.10GHz	9667	54	10.74	\$899.95*
Intel Core i7-3770K @ 3.50GHz	9646	55	29.23	\$329.99
Intel Xeon E3-1270 V2 @ 3.50GHz	9635	56	28.34	\$339.99
Intel Xeon E5-2440 @ 2.40GHz	9628	57	NA	NA
Intel Xeon E3-1275 v3 @ 3.50GHz	9613	58	27.47	\$349.99
Intel Xeon E3-1245 v3 @ 3.40GHz	9584	59	33.75	\$283.95
Intel Core i7-4770S @ 3.10GHz	9583	60	31.32	\$306.00
Intel Xeon E3-1275 V2 @ 3.50GHz	9508	61	27.17	\$349.99
Intel Core i7-4930MX @ 3.00GHz	9490	62	NA	NA
Intel Xeon E3-1230 v3 @ 3.30GHz	9459	63	37.84	\$249.99
Intel Xeon E5-1620 v2 @ 3.70GHz	9452	64	30.49	\$309.99*
Intel Core i7 X 990 @ 3.47GHz	9439	65	6.30	\$1,498.95
Intel Core i7-3770 @ 3.40GHz	9396	66	31.32	\$299.99
Intel Xeon E3-1240 V2 @ 3.40GHz	9340	67	35.92	\$259.99
Intel Xeon E5-2637 v2 @ 3.50GHz	9318	68	NA	NA
Intel Xeon X5680 @ 3.33GHz	9275	69	10.10	\$918.75*
Intel Xeon X5690 @ 3.47GHz	9258	70	6.53	\$1,417.50*
Intel Core i7-4850HQ @ 2.30GHz	9250	71	NA	NA
Intel Core i7-3920XM @ 2.90GHz	9220	72	8.41	\$1,096.00*
Intel Xeon W3680 @ 3.33GHz	9202	73	9.84	\$934.95*
Intel Core i7-3940XM @ 3.00GHz	9169	74	16.67	\$549.99*
Intel Xeon E5-1620 @ 3.60GHz	9139	75	29.39	\$310.99
AMD Opteron 6282 SE	9116	76	8.36	\$1,089.99*
Intel Core i7-4900MQ @ 2.80GHz	9099	77	16.06	\$566.50*
Intel Core i7-3840QM @ 2.80GHz	9039	78	21.07	\$429.00*
AMD FX-8350 Eight-Core	9038	79	50.21	\$179.99
Intel Core i7-3820 @ 3.60GHz	9025	80	28.65	\$314.99
Intel Xeon E3-1245 V2 @ 3.40GHz	9025	81	33.43	\$269.95
Intel Xeon E5-2420 v2 @ 2.20GHz	8987	82	NA	NA
Intel Core i7-3770S @ 3.10GHz	8967	83	29.40	\$304.99
Intel Core i7-4790T @ 2.70GHz	8947	84	NA	NA
Intel Core i7 X 980 @ 3.33GHz	8945	85	9.43	\$949.00
AMD Opteron 6276	8932	86	17.36	\$514.50*
Intel Xeon E5-2630 @ 2.30GHz	8923	87	14.51	\$614.99
Intel Core i7-2700K @ 3.50GHz	8918	88	25.48	\$349.99
Intel Core i7-4770T @ 2.50GHz	8890	89	NA	NA
Intel Core i5-3170K @ 3.20GHz	8882	90	NA	NA
Intel Xeon E3-1265L v3 @ 2.50GHz	8859	91	NA	NA
Intel Xeon E3-1230 V2 @ 3.30GHz	8852	92	38.49	\$229.99
Intel Core i7 980 @ 3.33GHz	8814	93	11.03	\$798.95*
Intel Xeon E3-1290 @ 3.60GHz	8704	94	9.84	\$885.00*
Intel Xeon X5675 @ 3.07GHz	8695	95	7.71	\$1,127.99
Intel Xeon W3670 @ 3.20GHz	8648	96	14.46	\$597.99*
Intel Core i7-4790S @ 3.20GHz	8647	97	27.45	\$314.99
Intel Core i7-2600K @ 3.40GHz	8597	98	25.29	\$339.99
Intel Core i7-4800MQ @ 2.70GHz	8572	99	22.56	\$379.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4810MQ @ 2.80GHz	8547	100	NA	NA
Intel Core i7-3820QM @ 2.70GHz	8543	101	14.17	\$602.97*
Intel Core i7 970 @ 3.20GHz	8503	102	13.08	\$649.95*
Intel Xeon E3-1280 @ 3.50GHz	8502	103	13.08	\$649.99*
Intel Xeon E5-2620 v2 @ 2.10GHz	8492	104	20.61	\$412.03
Intel Xeon E5-2643 @ 3.30GHz	8472	105	NA	NA
Intel Core i7-3740QM @ 2.70GHz	8458	106	21.69	\$389.99*
AMD Opteron 6376	8442	107	12.06	\$699.99
Intel 0000 @ 2.80GHz	8387	108	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8336	109	20.74	\$401.89*
Intel Xeon X5670 @ 2.93GHz	8303	110	22.59	\$367.50
Intel Core i7-2600 @ 3.40GHz	8299	111	19.30	\$429.95
Intel Xeon E3-1270 @ 3.40GHz	8294	112	23.56	\$351.99*
Intel Core i7-3770T @ 2.50GHz	8282	113	28.17	\$294.00*
Intel Xeon E3-1265L V2 @ 2.50GHz	8141	114	25.44	\$319.99
Intel Core i7-4710MQ @ 2.50GHz	8133	115	NA	NA
AMD Opteron 6328	8132	116	16.94	\$479.99*
Intel Xeon E3-1240 @ 3.30GHz	8130	117	30.68	\$264.99*
Intel Xeon X5660 @ 2.80GHz	8123	118	16.27	\$499.16*
Intel Core i7-4750HQ @ 2.00GHz	8122	119	NA	NA
AMD FX-8320 Eight-Core	8092	120	50.58	\$159.99
Intel Xeon E3-1245 @ 3.30GHz	8026	121	31.47	\$255.00*
Intel Xeon E3-1230 @ 3.20GHz	8023	122	33.43	\$239.99
Intel Core i7-4700HQ @ 2.40GHz	8008	123	NA	NA
Intel Xeon E5-2620 @ 2.00GHz	7977	124	19.46	\$409.99
Intel Core i7-4700MQ @ 2.40GHz	7923	125	19.81	\$399.99*

Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1275 @ 3.40GHz	7919	126	22.18	\$356.99*
Intel Core i7-4710HQ @ 2.50GHz	7789	127	NA	NA
Intel Core i5-4690 @ 3.50GHz	7785	128	36.21	\$214.99
Intel Core i5-4670K @ 3.40GHz	7751	129	33.70	\$229.99
Intel Core i7-4702HQ @ 2.20GHz	7726	130	NA	NA
Intel Core i7-3630QM @ 2.40GHz	7709	131	25.79	\$298.95*
AMD FX-8150 Eight-Core	7700	132	30.92	\$249.00
Intel Xeon X5650 @ 2.67GHz	7661	133	47.88	\$160.00
Intel Core i5-4690S @ 3.20GHz	7603	134	33.79	\$224.99
AMD Opteron 6366 HE	7503	135	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7498	136	18.75	\$399.99*
Intel Core i5-4670 @ 3.40GHz	7490	137	34.05	\$219.99
Intel Core i7-4700EQ @ 2.40GHz	7408	138	NA	NA
Intel Core i7-2960XM @ 2.70GHz	7382	139	6.74	\$1,096.00*
Intel Xeon E5-2420 @ 1.90GHz	7371	140	17.85	\$412.99*
Intel Core i5-4590 @ 3.30GHz	7369	141	36.85	\$199.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7344	142	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7334	143	NA	NA
Intel Xeon X5687 @ 3.60GHz	7333	144	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7312	146	NA	NA
Intel Xeon E5-1410 @ 2.80GHz	7312	145	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7308	147	NA	NA
Intel Xeon E3-1235 @ 3.20GHz	7302	148	27.05	\$269.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4765T @ 2.00GHz	7299	149	NA	NA
Intel Xeon E5-2430 @ 2.20GHz	7288	150	12.72	\$572.99
Intel Core i7-4785T @ 2.20GHz	7268	151	NA	NA
Intel Core i7-2860QM @ 2.50GHz	7184	152	11.97	\$599.99*
Intel Core i5-3570K @ 3.40GHz	7173	153	31.74	\$225.98
Intel Core i5-4590S @ 3.00GHz	7172	154	35.86	\$199.99
Intel Xeon E5649 @ 2.53GHz	7157	155	17.48	\$409.50*
Intel Core i7-2600S @ 2.80GHz	7119	156	21.67	\$328.45*
AMD Opteron 6234	7093	157	17.73	\$399.99*
Intel Xeon X5677 @ 3.47GHz	7071	158	4.25	\$1,663.00*
Intel Core i5-4570 @ 3.20GHz	7065	159	35.87	\$196.97
AMD FX-6350 Six-Core	7041	160	50.30	\$139.99
Intel Core i7-2920XM @ 2.50GHz	7029	161	6.41	\$1,096.00*
Intel Xeon E3-1220 v3 @ 3.10GHz	7022	162	34.26	\$204.99
Intel Core i7-3632QM @ 2.20GHz	7009	163	NA	NA
Intel Core i5-3570 @ 3.40GHz	6997	164	33.48	\$208.98
Intel Core i7-2760QM @ 2.40GHz	6921	165	18.31	\$378.00*
Intel Core i5-4570S @ 2.90GHz	6867	166	38.15	\$179.99
Intel Core i5-2550K @ 3.40GHz	6865	167	27.74	\$247.50*
Intel Core i7-3612QM @ 2.10GHz	6860	168	NA	NA
AMD FX-8140 Eight-Core	6845	169	NA	NA
Intel Xeon E3-1225 V2 @ 3.20GHz	6843	170	30.41	\$224.99
Intel Core i5-3550 @ 3.30GHz	6816	171	29.64	\$229.99
Intel Core i5-4460 @ 3.20GHz	6815	172	35.87	\$189.99
Intel Xeon E3-1225 v3 @ 3.20GHz	6788	173	30.17	\$224.99
Intel Core i7-2840QM @ 2.40GHz	6766	174	NA	NA
Intel Core i5-3570S @ 3.10GHz	6762	175	NA	NA
Intel Xeon E5645 @ 2.40GHz	6730	176	12.46	\$539.99
Intel Xeon W3580 @ 3.33GHz	6701	177	6.18	\$1,083.47*
Intel Core i5-4570R @ 2.70GHz	6669	178	NA	NA
Intel Core i7-3612QE @ 2.10GHz	6665	179	NA	NA
Intel Core i7-2820QM @ 2.30GHz	6642	180	13.31	\$498.95*
Intel Core i5-3550S @ 3.00GHz	6640	182	NA	NA
Intel Xeon L5640 @ 2.27GHz	6640	181	6.66	\$996.99*
AMD FX-8120 Eight-Core	6597	183	23.20	\$284.35
Intel Core i5-3470 @ 3.20GHz	6567	184	34.71	\$189.17
AMD Opteron 3380	6565	185	NA	NA
Intel Core i7-3635QM @ 2.40GHz	6553	186	NA	NA
Intel Core i5-4460S @ 2.90GHz	6541	187	NA	NA
Intel Xeon E3-1220 V2 @ 3.10GHz	6533	188	32.67	\$199.95
Intel Xeon W3570 @ 3.20GHz	6509	189	5.97	\$1,089.99*
Intel Xeon E3-1260L @ 2.40GHz	6499	190	20.90	\$310.99*
Intel Core i5-2500K @ 3.30GHz	6495	191	21.61	\$300.49
Intel Core i5-4440 @ 3.10GHz	6485	192	33.26	\$194.99
Intel Core i5-3450 @ 3.10GHz	6437	193	30.65	\$209.99
AMD Opteron 4280	6430	194	NA	NA
Intel Xeon W5590 @ 3.33GHz	6375	195	3.94	\$1,617.99*
AMD FX-6300 Six-Core	6366	196	60.13	\$105.87
Intel Core i5-4670T @ 2.30GHz	6363	197	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4430 @ 3.00GHz	6328	198	33.31	\$189.99
Intel Core i7 975 @ 3.33GHz	6287	199	18.02	\$348.95
Intel Xeon E3-1220 @ 3.10GHz	6224	200	26.76	\$232.56*

Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2500 @ 3.30GHz	6222	201	26.61	\$233.86*
Intel Core i7-2720QM @ 2.20GHz	6215	202	15.54	\$399.99*
Intel Core i7-3610QE @ 2.30GHz	6198	203	NA	NA
Intel Core i5-3340 @ 3.10GHz	6152	204	31.55	\$194.99
Intel Core i5-3470S @ 2.90GHz	6150	205	31.54	\$194.99
AMD FX-6200 Six-Core	6129	206	42.27	\$144.99
Intel Core i5-3350P @ 3.10GHz	6128	207	32.25	\$189.99*
Intel Core i5-4670S @ 3.10GHz	6103	208	NA	NA
Intel Core i5-4440S @ 2.80GHz	6098	209	30.49	\$199.99
AMD Opteron 6174	6097	210	NA	NA
AMD FX-8100 Eight-Core	6089	211	42.88	\$142.00*
Intel Xeon L5638 @ 2.00GHz	6057	212	NA	NA
Intel Core i7-2635QM @ 2.00GHz	6052	213	NA	NA
Intel Core i7-2670QM @ 2.20GHz	6022	214	NA	NA
Intel Core i5-4430S @ 2.70GHz	6017	215	NA	NA
Intel Core i5-3450S @ 2.80GHz	6013	216	29.12	\$206.51*
Intel Core i5-3475S @ 2.90GHz	5991	217	NA	NA
Intel Xeon E3-1225 @ 3.10GHz	5956	218	27.45	\$216.99*
Intel Core i7 960 @ 3.20GHz	5951	219	15.26	\$389.99
Intel Xeon X5647 @ 2.93GHz	5919	220	4.90	\$1,207.50*
AMD Phenom II X6 1100T	5915	221	14.79	\$400.00*
Intel Core i5-2450P @ 3.20GHz	5913	222	27.50	\$214.99*
Intel Core i5-3330 @ 3.00GHz	5906	223	32.71	\$180.57
Intel Core i7 965 @ 3.20GHz	5867	224	5.93	\$989.99*
Intel Core i5-3570T @ 2.30GHz	5836	225	NA	NA
Intel Core i5-2400 @ 3.10GHz	5808	226	27.19	\$213.62
Intel Xeon E5-1607 v2 @ 3.00GHz	5807	227	NA	NA
AMD A10-7800 Radeon R7, 12 Compute Cores 4C+8G	5786	228	NA	NA
AMD FX-6120 Six-Core	5777	229	NA	NA
AMD Opteron 6212	5776	230	18.34	\$315.00*
Intel Core i5-3335S @ 2.70GHz	5775	231	NA	NA
Intel Core i5-2380P @ 3.10GHz	5774	232	27.25	\$211.91*
Intel Core i5-4590T @ 2.00GHz	5760	233	NA	NA
QEMU Virtual version 1.7.90	5759	234	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5748	235	NA	NA
Intel Xeon E5640 @ 2.67GHz	5741	236	10.62	\$540.75*
AMD A10-7850K APU with Radeon R7 Graphics	5719	237	NA	NA
Intel Core i5-3340S @ 2.80GHz	5711	238	28.56	\$199.99*
Intel Core i7 880 @ 3.07GHz	5708	239	9.79	\$583.00*
AMD Phenom II X6 1090T	5696	240	20.34	\$279.99*
Intel Core i5-2320 @ 3.00GHz	5671	241	22.68	\$250.00*
AMD A10-7850K Radeon R7, 12 Compute Cores 4C+8G	5651	242	NA	NA
Intel Core i7 950 @ 3.07GHz	5650	243	17.12	\$329.99
Intel Core i3-4360 @ 3.70GHz	5644	244	35.28	\$159.99
Intel Core i5-3330S @ 2.70GHz	5641	245	NA	NA
Intel Core i7-4610M @ 3.00GHz	5603	246	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X3470 @ 2.93GHz	5600	247	16.00	\$349.99*
Intel Xeon X5570 @ 2.93GHz	5589	248	46.58	\$120.00*
Intel Core i7-2630QM @ 2.00GHz	5578	249	NA	NA
Intel Xeon X5560 @ 2.80GHz	5542	250	4.43	\$1,251.99*
Intel Core i7-2675QM @ 2.20GHz	5505	251	NA	NA
Intel Core i7-3615QE @ 2.30GHz	5495	252	NA	NA
Intel Xeon W3540 @ 2.93GHz	5487	253	7.85	\$698.95*
Intel Xeon E5-1603 @ 2.80GHz	5479	254	24.91	\$219.99*
Intel Core i7 870 @ 2.93GHz	5478	255	21.74	\$252.00
Intel Core i7 940 @ 2.93GHz	5459	256	7.80	\$699.95*
Intel Core i5-2310 @ 2.90GHz	5447	257	32.04	\$169.99*
AMD A10-7700K APU with Radeon R7 Graphics	5434	258	NA	NA
Intel Core i7 K 875 @ 2.93GHz	5430	259	15.30	\$354.99*
AMD FX-6100 Six-Core	5428	260	34.62	\$156.78*
Intel Xeon X5550 @ 2.67GHz	5428	261	54.42	\$99.75*
AMD Phenom II X6 1075T	5410	262	30.06	\$180.00*
Intel Core 870 @ 2.93GHz	5353	263	10.71	\$499.99*
AMD Opteron 6164 HE	5351	264	NA	NA
AMD A10-7700K Radeon R7, 10 Compute Cores 4C+6G	5303	265	NA	NA
AMD A10-6800B APU	5298	266	NA	NA
Intel Core i3-4340 @ 3.60GHz	5295	267	33.10	\$159.99*
Intel Core i5-2300 @ 2.80GHz	5263	268	27.70	\$189.98*
AMD FX-4350 Quad-Core	5248	269	40.37	\$129.99
Intel Core i7 930 @ 2.80GHz	5218	270	17.39	\$299.99*
AMD Opteron 6128	5210	271	11.39	\$457.50*
Intel Core i7-2715QE @ 2.10GHz	5199	272	NA	NA
Intel @ 0000 @ 2.67GHz	5189	273	NA	NA

Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Phenom II X6 1065T	5173	274	NA	NA
Intel Xeon X3450 @ 2.67GHz	5172	275	18.88	\$273.99*
Intel Xeon X5672 @ 3.20GHz	5148	276	NA	NA
Intel Core i5-2500S @ 2.70GHz	5143	277	NA	NA
Intel Core i3-4150 @ 3.50GHz	5121	278	39.40	\$129.99
Intel Core i3-4330 @ 3.50GHz	5113	279	37.33	\$136.97
Intel Core i5-4340M @ 2.90GHz	5109	280	NA	NA
Intel Core i7 860 @ 2.80GHz	5105	281	13.43	\$379.99
AMD Opteron 6272	5104	282	12.15	\$420.00
Intel Xeon E5630 @ 2.53GHz	5103	283	8.84	\$576.99*
Intel Xeon X5470 @ 3.33GHz	5102	284	NA	NA
AMD Phenom II X6 1055T	5064	285	25.75	\$196.69*
Intel Xeon X3460 @ 2.80GHz	5059	286	14.58	\$346.99*
Intel Xeon W3520 @ 2.67GHz	5053	287	14.04	\$359.99*
Intel Core i7 S 870 @ 2.67GHz	5052	288	NA	NA
Intel Xeon E5-4603 @ 2.00GHz	5014	289	NA	NA
Intel Core i7-4600M @ 2.90GHz	5013	290	NA	NA
Intel Core i7 920 @ 2.67GHz	5003	291	16.50	\$303.20*
AMD A10-6800K APU	4986	292	38.36	\$129.99
Intel Xeon E5620 @ 2.40GHz	4966	293	19.71	\$252.00
Intel Core i5-2405S @ 2.50GHz	4930	294	14.94	\$330.02*
Intel Core i5-24050S @ 2.50GHz	4928	295	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1045T	4922	296	24.73	\$199.00*
Intel Core2 Extreme X9750 @ 3.16GHz	4915	297	NA	NA
Intel Core i5-4570T @ 2.90GHz	4900	298	NA	NA
Intel Core i5-2400S @ 2.50GHz	4898	299	16.38	\$299.00*
Intel Core i3-4570T @ 2.90GHz	4867	300	NA	NA
Intel Xeon L5639 @ 2.13GHz	4858	301	NA	NA
Intel Core i7 S 860 @ 2.53GHz	4856	302	12.60	\$385.27*
AMD Athlon II X4 559	4829	303	NA	NA
Intel Core i3-4130 @ 3.40GHz	4826	304	40.23	\$119.97
Intel Xeon E5530 @ 2.40GHz	4825	305	7.72	\$624.99*
Intel Xeon E5540 @ 2.53GHz	4802	307	53.36	\$90.00*
Intel Xeon W3565 @ 3.20GHz	4802	306	14.87	\$322.99*
AMD A10-5800B APU	4798	308	NA	NA
AMD FX-4170 Quad-Core	4788	309	24.30	\$197.00*
Intel Core2 Extreme X9770 @ 3.20GHz	4783	310	3.42	\$1,400.00*
AMD FX-670K Quad-Core	4782	311	NA	NA
Intel Xeon X5482 @ 3.20GHz	4777	312	3.73	\$1,279.00*
AMD Phenom II X6 1035T	4767	313	25.22	\$189.00*
Intel Core i7-3540M @ 3.00GHz	4756	314	NA	NA
Intel Core i7-2710QE @ 2.10GHz	4751	315	NA	NA
Intel Core i5-4330M @ 2.80GHz	4742	316	17.24	\$274.99*
Intel Xeon X3380 @ 3.16GHz	4727	317	NA	NA
AMD FX-4300 Quad-Core	4724	318	47.24	\$99.99
AMD A10-6700 APU	4718	319	31.67	\$148.99
AMD A8-6600K APU	4699	320	46.99	\$99.99
AMD A10-6790K APU	4688	321	33.42	\$140.27
Intel Core i5-2500T @ 2.30GHz	4682	322	NA	NA
Intel Xeon W5580 @ 3.20GHz	4680	323	2.82	\$1,659.99*
Intel Core i5-4310M @ 2.70GHz	4672	324	NA	NA
AMD A10-5800K APU	4661	325	42.38	\$109.99
Intel Xeon W3550 @ 3.07GHz	4659	326	14.38	\$323.99*
AMD Phenom II X4 980	4657	327	34.08	\$136.64*
AMD Athlon X4 760K Quad Core	4637	328	NA	NA
AMD FX-4150 Quad-Core	4635	329	NA	NA
AMD Phenom II X4 975	4631	330	35.63	\$129.99*
Intel Xeon E5-2609 @ 2.40GHz	4611	331	15.37	\$299.99
Intel Xeon X3370 @ 3.00GHz	4608	332	12.61	\$365.50*
Intel Core i5-4288U @ 2.60GHz	4600	333	NA	NA
Intel Core i5-4210M @ 2.60GHz	4579	334	NA	NA
AMD A8-6500B APU	4577	335	NA	NA
Intel Pentium G3258 @ 3.20GHz	4570	336	60.94	\$74.99
AMD Phenom II X4 B65	4558	337	NA	NA
Intel Core i7-3520M @ 2.90GHz	4554	338	NA	NA
Intel Core i5-3470T @ 2.90GHz	4550	339	19.37	\$234.95*
Intel Xeon E5520 @ 2.27GHz	4541	340	48.05	\$94.50*
Intel Core2 Extreme X9775 @ 3.20GHz	4536	341	2.45	\$1,849.95*
AMD Opteron 2431	4516	342	5.54	\$814.81*
Intel Core i5-4300M @ 2.60GHz	4501	343	NA	NA
AMD Phenom II X4 970	4492	344	35.94	\$124.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-6500 APU	4491	345	42.78	\$104.99
Intel Core i3-4330T @ 3.00GHz	4452	346	NA	NA
Intel Xeon X5460 @ 3.16GHz	4445	347	4.45	\$999.99*
Intel Core i3-3245 @ 3.40GHz	4402	348	30.15	\$145.99



Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3225 @ 3.30GHz	4392	349	28.63	\$153.38
Intel Core2 Extreme X9650 @ 3.00GHz	4379	350	15.15	\$288.95*
Intel Xeon X3440 @ 2.53GHz	4377	351	17.51	\$249.99*
Intel Core X 920 @ 2.00GHz	4361	352	NA	NA
Intel Core i3-3250 @ 3.50GHz	4359	353	36.57	\$119.21
Intel Xeon L5530 @ 2.40GHz	4351	354	NA	NA
AMD A8-5600K APU	4350	355	48.34	\$89.99
Intel Core i5-4200H @ 2.80GHz	4338	357	NA	NA
Intel Xeon L5520 @ 2.27GHz	4338	356	6.67	\$649.99*
Intel Core i7-3687U @ 2.10GHz	4335	358	NA	NA
Intel Core i7-4600U @ 2.10GHz	4331	359	NA	NA
Intel Core i3-3240 @ 3.40GHz	4326	360	37.95	\$114.00
Intel Core i3-2140 @ 3.50GHz	4325	361	NA	NA
AMD Athlon X4 750K Quad Core	4317	362	53.97	\$79.99
AMD Phenom II X4 40	4304	363	35.85	\$120.05*
Intel Core i5-3360M @ 2.80GHz	4301	364	NA	NA
Intel Xeon W3530 @ 2.80GHz	4297	365	15.08	\$285.00*
Intel Xeon X5450 @ 3.00GHz	4291	366	5.04	\$852.00*
Intel Core i7-4558U @ 2.80GHz	4279	367	NA	NA
Intel Xeon X5698 @ 4.40GHz	4272	368	NA	NA
AMD Phenom II X4 965	4270	369	29.45	\$145.00*
Intel Xeon E5472 @ 3.00GHz	4267	370	3.88	\$1,098.95*
Intel Core i5-4400E @ 2.70GHz	4257	371	NA	NA
Intel Core2 Quad Q9650 @ 3.00GHz	4254	372	18.11	\$234.95
Intel Core i7-4650U @ 1.70GHz	4252	373	NA	NA
Intel Xeon E5450 @ 3.00GHz	4237	374	4.00	\$1,058.95*
Intel Xeon X3363 @ 2.83GHz	4235	375	NA	NA
AMD A10-5700 APU	4231	376	31.58	\$133.99*
Intel Core i3-3220 @ 3.30GHz	4227	377	34.02	\$124.25
Intel Xeon E5462 @ 2.80GHz	4224	378	16.50	\$255.99*
Intel Core i3-4130T @ 2.90GHz	4183	379	30.99	\$134.99
Intel Core i5-3340M @ 2.70GHz	4179	381	NA	NA
Intel Core i7 X 940 @ 2.13GHz	4179	380	NA	NA
Intel Core i5-4200M @ 2.50GHz	4167	382	NA	NA
AMD FX-4130 Quad-Core	4160	383	41.38	\$100.52
AMD Phenom II X4 B99	4154	384	NA	NA
Intel Core i5-4258U @ 2.40GHz	4151	385	NA	NA
Intel Xeon L5630 @ 2.13GHz	4144	386	NA	NA
AMD Phenom II X4 B60	4139	387	NA	NA
Intel Core i5-3380M @ 2.90GHz	4138	388	NA	NA
AMD Eng Sample Mobile 2185_A1	4134	389	NA	NA
Intel Xeon X3360 @ 2.83GHz	4131	390	15.41	\$268.00*
Intel Xeon L5430 @ 2.66GHz	4099	391	NA	NA
Intel Core i7-3555LE @ 2.50GHz	4080	392	NA	NA
Intel Core2 Quad Q9550 @ 2.83GHz	4071	393	30.16	\$135.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-4200 Quad-Core	4051	395	47.34	\$85.58
Intel Core i3-2125 @ 3.30GHz	4051	394	27.01	\$149.99*
AMD FX-4100 Quad-Core	4045	396	15.12	\$267.60*
Intel Core i5-4310U @ 2.00GHz	4043	397	NA	NA
Intel Xeon E5440 @ 2.83GHz	4041	398	10.65	\$379.42*
AMD A8-5500 APU	4040	399	42.09	\$95.98
Intel Core i7-4510U @ 2.00GHz	4034	400	NA	NA
Intel Core i5-3320M @ 2.60GHz	4032	401	16.80	\$239.99*
Intel Xeon X5492 @ 3.40GHz	4030	402	2.90	\$1,391.29*
Intel Core i3-2130 @ 3.40GHz	4029	403	13.72	\$293.59*
AMD Phenom II X4 955	4013	404	18.67	\$215.00*
AMD Opteron 3350 HE	4009	405	NA	NA
AMD Phenom II X4 20	4008	406	30.83	\$130.00*
Intel Core i7-2640M @ 2.80GHz	3996	407	NA	NA
Intel Core i5-3230M @ 2.60GHz	3975	408	NA	NA
Intel Core i5-2390T @ 2.70GHz	3970	409	NA	NA
Intel Xeon L3426 @ 1.87GHz	3960	410	12.15	\$325.99*
AMD Athlon X4 740 Quad Core	3955	411	52.74	\$74.99
Intel Core2 Quad Q9705 @ 3.16GHz	3947	412	NA	NA
AMD Phenom Ultra X4 24500	3945	413	NA	NA
Intel Xeon E5-2407 @ 2.20GHz	3943	414	13.62	\$289.50*
Intel Xeon E5430 @ 2.66GHz	3942	415	18.25	\$215.99*
Intel Core i7-3667U @ 2.00GHz	3939	416	NA	NA
Intel Core i7-4550U @ 1.50GHz	3932	417	NA	NA
Intel Core i5 760 @ 2.80GHz	3926	418	17.85	\$219.99
AMD Phenom II X4 B97	3922	419	NA	NA
Intel Xeon X3350 @ 2.66GHz	3911	420	14.59	\$268.00*
AMD Athlon II X4 553	3906	421	NA	NA
Intel Core i7-3537U @ 2.00GHz	3903	422	NA	NA
AMD Phenom II X4 973	3884	423	NA	NA
Intel Core i7-2620M @ 2.70GHz	3882	424	NA	NA
AMD Phenom II X4 960T	3879	425	19.40	\$200.00*

Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2120 @ 3.30GHz	3874	426	33.69	\$115.00
Intel Core i7-4500U @ 1.80GHz	3874	427	NA	NA
Intel Core i3-3210 @ 3.20GHz	3871	428	32.20	\$120.21*
Intel Core2 Quad Q9450 @ 2.66GHz	3819	429	11.39	\$335.25*
AMD Phenom II X4 B50	3807	430	NA	NA
Intel Core i5-3210M @ 2.50GHz	3805	431	NA	NA
AMD Athlon II X4 555	3804	432	NA	NA
Intel Core i3-2105 @ 3.10GHz	3801	433	26.04	\$145.99
Intel Atom C2750 @ 2.40GHz	3797	434	NA	NA
AMD Phenom II X4 B95	3793	435	16.86	\$225.00*
Intel Xeon X5472 @ 3.00GHz	3780	436	4.48	\$844.50*
AMD A8-5500B APU	3770	437	NA	NA
AMD Phenom II X4 945	3757	438	20.87	\$179.99*
AMD Phenom II X4 977	3750	439	NA	NA
Intel Core i5 750 @ 2.67GHz	3739	440	19.89	\$187.99
Intel Core i3-3240T @ 2.90GHz	3731	441	NA	NA
Intel Core2 Extreme Q6850 @ 3.00GHz	3728	442	2.49	\$1,495.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3220T @ 2.80GHz	3726	443	29.23	\$127.49
Intel Xeon L5506 @ 2.13GHz	3715	444	NA	NA
Intel Core i7-3517U @ 1.90GHz	3702	445	NA	NA
Intel Xeon E3-1220L V2 @ 2.30GHz	3701	446	NA	NA
Intel Core i5-2540M @ 2.60GHz	3700	447	13.26	\$278.99*
Intel Core i5-4300U @ 1.90GHz	3699	448	NA	NA
Intel Core i5-4260U @ 1.40GHz	3688	449	NA	NA
Intel Core i7 920XM @ 2.00GHz	3685	450	3.22	\$1,144.69*
AMD Phenom II X4 B35	3679	451	NA	NA
AMD A8-3870K APU	3675	452	24.50	\$149.99*
Intel Core2 Quad Q9500 @ 2.83GHz	3674	453	20.08	\$183.00*
AMD Phenom II X4 940	3669	454	34.95	\$104.99*
AMD Athlon II X4 651 Quad-Core	3655	456	36.60	\$99.87*
Intel Core i7-4610Y @ 1.70GHz	3655	455	NA	NA
AMD A10-5750M APU	3652	457	NA	NA
AMD Athlon II X4 650	3646	458	NA	NA
Intel Xeon X3330 @ 2.66GHz	3643	459	16.28	\$223.79*
Intel Core i5-4210U @ 1.70GHz	3642	460	NA	NA
Intel Xeon L5420 @ 2.50GHz	3636	461	9.42	\$386.00*
Intel Core2 Quad Q9505 @ 2.83GHz	3633	462	14.69	\$247.23*
Intel Core i5-2510E @ 2.50GHz	3630	463	NA	NA
AMD Phenom II X4 B25	3625	464	NA	NA
AMD Phenom II X4 850	3620	465	32.47	\$111.49*
Intel Xeon X3230 @ 2.66GHz	3619	466	11.66	\$310.51*
Intel Core i3-2100 @ 3.10GHz	3617	467	3.62	\$1,000.00*
AMD Phenom FX-7750 Quad-Core	3616	468	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3614	469	3.21	\$1,125.00*
AMD Phenom II X4 840T	3612	470	NA	NA
Intel Core2 Extreme Q9300 @ 2.53GHz	3609	471	NA	NA
Intel Core i5-4350U @ 1.40GHz	3604	472	NA	NA
Intel Core i5-3427U @ 1.80GHz	3603	473	NA	NA
Intel Xeon E5607 @ 2.27GHz	3602	474	12.73	\$282.99*
AMD Phenom II X4 10	3599	475	NA	NA
AMD Athlon X4 645	3595	476	NA	NA
AMD Phenom II X4 830	3582	477	32.86	\$109.00*
Intel Core i5-3437U @ 1.90GHz	3567	478	NA	NA
Intel Xeon E3-1220L @ 2.20GHz	3563	479	NA	NA
AMD Phenom II X4 B45	3559	480	NA	NA
Intel Core i5 680 @ 3.60GHz	3555	481	10.89	\$326.35*
AMD Opteron 2384	3538	484	NA	NA
AMD Opteron 2386 SE	3538	482	NA	NA
Intel Core i5-2520M @ 2.50GHz	3538	483	14.15	\$249.99*
Intel Pentium G3430 @ 3.30GHz	3534	485	35.34	\$99.99*
AMD A8-3850 APU	3532	487	38.81	\$91.00*
Intel Xeon X5365 @ 3.00GHz	3532	486	24.93	\$141.68*
AMD Athlon II X4 645	3526	488	23.52	\$149.89*
AMD A8-6500T APU	3517	489	NA	NA
AMD Phenom II X4 925	3505	490	20.62	\$170.00*
AMD Phenom II X4 B40	3502	491	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5410 @ 2.33GHz	3501	492	9.23	\$379.42*
AMD Phenom II X4 B55	3500	493	NA	NA
Intel Core i3-3130M @ 2.60GHz	3499	494	NA	NA
AMD Phenom II X4 920	3495	495	24.96	\$140.00*
Intel Xeon E5-2603 @ 1.80GHz	3492	496	16.63	\$209.99
AMD Phenom II 42 TWKR Black Edition	3489	497	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3489	498	17.80	\$195.99*
AMD Phenom II X4 820	3485	499	38.73	\$89.99*
Intel Core i7-3689Y @ 1.50GHz	3479	500	NA	NA

Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3240 @ 3.10GHz	3477	501	49.68	\$69.99
AMD Athlon II X4 641 Quad-Core	3475	502	51.89	\$66.97*
Intel Core i7 Q 840 @ 1.87GHz	3465	503	NA	NA
AMD Athlon X4 640	3461	504	NA	NA
Intel Pentium G3420 @ 3.20GHz	3459	505	50.89	\$67.97
AMD A10-4657M APU	3449	506	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3449	507	NA	NA
Intel Core i5-2450M @ 2.50GHz	3445	508	NA	NA
Intel Xeon E5420 @ 2.50GHz	3440	509	7.76	\$443.05*
Intel Xeon X3323 @ 2.50GHz	3428	510	NA	NA
Intel Core2 Quad Q9400 @ 2.66GHz	3423	511	17.47	\$195.90*
Intel 000 @ 1.73GHz	3419	512	NA	NA
Intel Xeon X3320 @ 2.50GHz	3414	513	14.85	\$229.95*
Intel Core i5-4250U @ 1.30GHz	3406	514	9.46	\$359.99
AMD Phenom II X4 910e	3372	515	21.48	\$156.99*
Intel Core i3-4000M @ 2.40GHz	3360	516	NA	NA
Intel Xeon E5606 @ 2.13GHz	3353	517	6.67	\$502.59*
AMD Athlon II X4 640	3347	518	13.39	\$249.95*
Intel Core i5 K 655 @ 3.20GHz	3341	520	NA	NA
Intel Core2 Quad Q6700 @ 2.66GHz	3341	519	32.45	\$102.95
Intel Xeon X5355 @ 2.66GHz	3337	521	6.81	\$490.00*
Intel Core 750 @ 2.67GHz	3329	522	17.07	\$195.00*
AMD Phenom II X4 910	3324	524	16.28	\$204.19*
Intel Xeon X3430 @ 2.40GHz	3324	523	15.83	\$209.99*
Intel Core i5-2515E @ 2.50GHz	3313	525	NA	NA
Intel Xeon E5410 @ 2.33GHz	3309	526	27.81	\$119.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3306	527	8.57	\$385.89*
Intel Core i5-4200U @ 1.60GHz	3300	528	NA	NA
AMD A6-3670 APU	3298	529	23.56	\$139.98
Intel Core i3-3120M @ 2.50GHz	3296	530	NA	NA
AMD Phenom II X4 B93	3293	531	NA	NA
AMD Phenom II X4 05e	3290	532	NA	NA
AMD Athlon II X4 635	3284	533	27.37	\$119.99*
Intel Core i5-2435M @ 2.40GHz	3277	534	NA	NA
AMD Phenom II X3 B77	3276	535	NA	NA
Intel Core i5-2430M @ 2.40GHz	3268	536	NA	NA
Intel Pentium G2140 @ 3.30GHz	3262	537	33.63	\$96.99
AMD Opteron 3260 HE	3259	538	NA	NA
Intel Core i5-2415M @ 2.30GHz	3253	539	NA	NA
Intel Core i5-3337U @ 1.80GHz	3248	540	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q8400 @ 2.66GHz	3242	541	12.98	\$249.70*
Intel Core i5 660 @ 3.33GHz	3238	542	9.52	\$339.95*
Intel Xeon E5507 @ 2.27GHz	3235	543	11.35	\$284.99*
Intel Core i7 Q 740 @ 1.73GHz	3230	544	NA	NA
AMD Phenom 9850B Quad-Core	3229	545	NA	NA
AMD Phenom II X4 810	3229	546	27.84	\$115.99*
Intel Core i5 670 @ 3.47GHz	3223	547	9.40	\$342.95*
AMD A8-3820 APU	3218	548	26.96	\$119.34*
Intel Celeron G1850 @ 2.90GHz	3206	549	53.44	\$59.99
AMD A6-3650 APU	3204	550	41.49	\$77.23*
Intel Core i7-2630UM @ 1.60GHz	3204	551	NA	NA
Intel Core i7 Q 820 @ 1.73GHz	3197	552	NA	NA
Intel Core2 Quad Q9300 @ 2.50GHz	3194	553	40.43	\$79.00
Intel Core i3-2120T @ 2.60GHz	3185	554	23.59	\$134.99
Intel Pentium G3220 @ 3.00GHz	3185	555	55.90	\$56.98
AMD Opteron 2378	3179	556	17.76	\$179.00*
AMD Athlon II X4 631 Quad-Core	3178	557	17.95	\$177.00*
AMD Athlon II X4 630	3176	559	39.70	\$79.99*
Intel Core i5-2410M @ 2.30GHz	3176	558	NA	NA
AMD Phenom II X3 B75	3165	560	NA	NA
Intel Xeon X3220 @ 2.40GHz	3151	561	10.54	\$298.95*
Intel Core i5 650 @ 3.20GHz	3148	562	17.49	\$179.99
Intel Pentium G2130 @ 3.20GHz	3145	563	43.09	\$72.99
AMD A10-4600M APU	3131	565	NA	NA
Intel Core i5 661 @ 3.33GHz	3131	564	19.69	\$159.00*
AMD A10-5757M APU	3128	566	NA	NA
AMD Athlon X4 630	3121	567	33.92	\$92.00*
AMD A8-3800 APU	3119	568	19.92	\$156.59*
Intel Core i5-3317U @ 1.70GHz	3109	569	NA	NA
AMD A10 PRO-7350B APU + AMD Radeon R6 Graphics	3106	570	NA	NA
Intel Core i7-2637M @ 1.70GHz	3104	571	NA	NA
AMD Phenom II X4 805	3101	572	17.82	\$173.99*
Intel Xeon E5506 @ 2.13GHz	3080	573	13.04	\$236.25*
Intel Pentium G2120 @ 3.10GHz	3072	574	34.14	\$89.99
Intel Xeon X3353 @ 2.66GHz	3072	575	NA	NA
AMD Opteron 2427	3069	577	19.03	\$161.23*



Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7 Q 720 @ 1.60GHz	3069	576	NA	NA
AMD Athlon X3 450	3064	579	38.79	\$78.99*
AMD Opteron 1381	3064	578	NA	NA
Intel Core i3-3110M @ 2.40GHz	3062	580	NA	NA
Intel Core i5-3439Y @ 1.50GHz	3057	581	NA	NA
Intel Core i5-4302Y @ 1.60GHz	3042	582	NA	NA
AMD Phenom II X4 905e	3038	583	15.62	\$194.46*
Intel Core2 Quad Q8300 @ 2.50GHz	3034	584	23.34	\$130.00*
AMD Phenom II X3 740	3031	585	34.06	\$88.99*
AMD Phenom 9950 Quad-Core	3030	586	19.30	\$156.99*
Intel Core i3-4330TE @ 2.40GHz	3023	587	NA	NA
AMD A8-5550M APU	3013	588	NA	NA
AMD Phenom 2 X4 12000	3005	589	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2330E @ 2.20GHz	3004	590	NA	NA
AMD Phenom 7950 Quad-Core	2991	591	NA	NA
AMD Athlon II X4 620	2981	592	33.49	\$89.00*
AMD Athlon X4 620	2979	593	35.47	\$83.99*
Intel Core2 Quad Q6600 @ 2.40GHz	2979	594	17.52	\$170.00
Intel Xeon X6550 @ 2.00GHz	2977	595	NA	NA
Intel Xeon E5345 @ 2.33GHz	2973	596	15.14	\$196.42*
Intel Pentium G3220T @ 2.60GHz	2954	597	NA	NA
AMD Phenom FX-5200 Quad-Core	2953	598	NA	NA
AMD Opteron 2374 HE	2951	599	15.53	\$189.99*
AMD Athlon II X3 460	2946	600	32.74	\$89.99*
Intel Pentium G2030 @ 3.00GHz	2943	601	51.64	\$56.99
AMD Opteron 4122	2942	602	11.77	\$249.95*
AMD Opteron 6134	2938	603	3.92	\$750.00*
AMD Phenom 9850 Quad-Core	2937	604	26.70	\$110.00*
Intel Core i3 560 @ 3.33GHz	2923	605	14.69	\$198.95*
Intel Core i3-4030U @ 1.90GHz	2921	606	NA	NA
AMD Athlon II X4 615e	2914	607	19.96	\$145.99*
AMD A8-5557M APU	2913	608	NA	NA
Intel Pentium G870 @ 3.10GHz	2907	609	35.03	\$82.99*
AMD Athlon II X4 620e	2906	610	NA	NA
Intel Xeon E5405 @ 2.00GHz	2901	611	23.59	\$123.00*
AMD R-464L APU	2893	612	NA	NA
AMD A6-3620 APU	2891	614	26.52	\$109.00*
AMD Athlon X4 635	2891	613	23.70	\$121.99*
Intel Core i7-2655LE @ 2.20GHz	2882	615	NA	NA
Intel Core i7 M 640 @ 2.80GHz	2881	616	NA	NA
AMD Athlon II X4 655	2880	617	NA	NA
AMD Opteron 2356	2869	618	10.05	\$285.52
Intel Celeron G1630 @ 2.80GHz	2869	619	47.82	\$59.99
Intel Core i3 550 @ 3.20GHz	2867	620	18.38	\$155.99*
AMD Athlon II X3 455	2852	621	41.35	\$68.98*
AMD Phenom II X4 B15e	2846	622	NA	NA
Intel Celeron G1830 @ 2.80GHz	2841	623	47.36	\$59.99
Intel Xeon L5335 @ 2.00GHz	2841	624	NA	NA
Intel Core i7-2677M @ 1.80GHz	2840	625	NA	NA
Intel Core i3-2310E @ 2.10GHz	2838	626	NA	NA
Celeron Dual-Core Q8300 @ 2.50GHz	2837	628	NA	NA
Intel Celeron G1840 @ 2.80GHz	2837	627	64.49	\$43.99
Intel Pentium G860 @ 3.00GHz	2835	629	35.44	\$79.99
Intel Xeon X3210 @ 2.13GHz	2835	630	13.19	\$214.99*
AMD Phenom 9750 Quad-Core	2824	631	25.68	\$109.99*
Intel Core2 Quad Q8200 @ 2.33GHz	2824	632	42.82	\$65.95*
AMD Opteron 2350	2820	633	10.44	\$269.99*
AMD A6-3600 APU	2819	634	37.59	\$75.00*
AMD Athlon II X4 610e	2813	635	35.16	\$80.00*
AMD Phenom II X4 840	2812	636	18.65	\$150.75*
Intel Core i3-2370M @ 2.40GHz	2806	637	NA	NA
AMD Phenom 9750B Quad-Core	2804	638	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X920 Quad-Core	2803	639	NA	NA
Intel Core i7 E 610 @ 2.53GHz	2800	640	NA	NA
Intel Xeon X5272 @ 3.40GHz	2796	641	6.50	\$429.95*
AMD A8-3550MX APU	2794	642	NA	NA
Intel Xeon E5504 @ 2.00GHz	2793	643	12.70	\$220.00*
Intel Core i7-2617M @ 1.50GHz	2792	644	NA	NA
AMD A10-5745M APU	2785	645	NA	NA
AMD Phenom II X4 B05e	2781	646	NA	NA
Intel Core i3-2100T @ 2.50GHz	2778	647	18.73	\$148.28*
Intel E3000 @ 3.40GHz	2767	648	NA	NA
Intel Pentium G2020 @ 2.90GHz	2764	649	40.65	\$67.99
AMD Athlon II X4 600e	2751	650	21.12	\$130.23*
AMD Athlon II X4 605e	2749	651	34.37	\$79.99*

Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 1403 @ 2.60GHz	2747	652	NA	NA
Intel Core i7 M 620 @ 2.67GHz	2744	653	NA	NA
Intel Celeron G1820 @ 2.70GHz	2729	654	54.59	\$49.99
AMD Phenom II X3 B73	2728	656	36.37	\$75.00*
Intel Core i5-2557M @ 1.70GHz	2728	655	NA	NA
AMD Phenom II X3 720	2722	657	36.30	\$74.99*
AMD Phenom X4 Quad-Core GP-9830	2715	658	NA	NA
Intel Core i5 M 580 @ 2.67GHz	2694	659	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	660	NA	NA
Intel Core i3 540 @ 3.07GHz	2689	661	14.94	\$179.95*
AMD A8-4500M APU	2688	662	NA	NA
Intel Pentium G850 @ 2.90GHz	2686	663	27.30	\$98.39*
Intel Celeron G1620 @ 2.70GHz	2685	664	63.94	\$41.99
AMD Opteron 1352	2653	665	19.51	\$135.99*
Intel Core i3-2350M @ 2.30GHz	2652	666	NA	NA
AMD Phenom 9450e Quad-Core	2650	667	25.24	\$105.00*
AMD Phenom II X3 715	2649	668	31.17	\$84.99*
AMD Phenom 9650 Quad-Core	2648	669	24.07	\$110.00*
AMD Opteron 1356	2647	670	12.50	\$211.80*
AMD Phenom II X4 900e	2646	672	NA	NA
Intel Core i3-2348M @ 2.30GHz	2646	671	NA	NA
AMD Opteron 2380	2640	673	6.75	\$391.06*
AMD Athlon X3 455	2636	675	NA	NA
Intel Core i5 M 560 @ 2.67GHz	2636	674	10.54	\$249.99*
AMD Athlon 5350 APU with Radeon R3	2632	676	NA	NA
AMD A6-6400B APU	2625	677	NA	NA
AMD Phenom FX-5000 Quad-Core	2621	678	NA	NA
Intel Pentium G2010 @ 2.80GHz	2605	679	34.74	\$74.99*
AMD Athlon II X3 450	2604	680	26.04	\$99.99*
Intel Pentium G645 @ 2.90GHz	2601	681	39.42	\$65.98*
Intel Core i3 530 @ 2.93GHz	2597	682	20.78	\$125.00
AMD Athlon II X4 6400e	2594	683	NA	NA
AMD Athlon II X3 440	2586	684	39.79	\$64.99*
AMD A10-4655M APU	2580	685	NA	NA
AMD Phenom 9600B Quad-Core	2571	686	17.47	\$147.19*
AMD Athlon II X3 445	2567	687	18.34	\$140.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-5545M APU	2565	688	NA	NA
AMD Opteron 1354	2563	689	8.27	\$309.97*
Intel Pentium G840 @ 2.80GHz	2560	690	30.12	\$84.99*
Intel Celeron G1610 @ 2.60GHz	2553	691	74.00	\$34.50
Intel Xeon E5335 @ 2.00GHz	2552	692	3.93	\$649.95*
Intel Core2 Quad Q9000 @ 2.00GHz	2547	693	6.55	\$389.00*
AMD Phenom II N950 Quad-Core	2546	694	NA	NA
AMD Phenom 9550 Quad-Core	2545	695	25.46	\$99.97*
Intel Pentium G2020T @ 2.50GHz	2542	696	NA	NA
AMD Phenom II N970 Quad-Core	2536	697	NA	NA
Intel Core i3-2330M @ 2.20GHz	2528	698	NA	NA
AMD A4-6300B APU	2526	699	NA	NA
Intel Pentium G640 @ 2.80GHz	2520	700	36.01	\$69.99*
Intel Core i3-3227U @ 1.90GHz	2516	701	NA	NA
Intel Core i3-4010U @ 1.70GHz	2515	702	8.03	\$313.03
AMD A4-6320 APU	2512	703	41.87	\$59.99
AMD Athlon X4 605e	2505	704	NA	NA
Intel Xeon L5320 @ 1.86GHz	2505	705	19.11	\$131.06*
Intel Core i5-4300Y @ 1.60GHz	2497	706	NA	NA
Intel Xeon E5240 @ 3.00GHz	2492	707	NA	NA
Intel Core i3-2328M @ 2.20GHz	2488	708	NA	NA
AMD Phenom II X3 710	2486	711	29.41	\$84.53*
Intel Celeron G555 @ 2.70GHz	2486	710	41.44	\$59.99*
Intel Core i5 E 520 @ 2.40GHz	2486	709	NA	NA
Intel Xeon X5260 @ 3.33GHz	2485	712	2.92	\$851.00*
Intel Pentium G2030T @ 2.60GHz	2480	713	NA	NA
Intel Celeron G1820T @ 2.40GHz	2473	714	NA	NA
AMD Athlon II X3 435	2470	715	16.47	\$149.95*
AMD Athlon X3 435	2461	716	25.77	\$95.49*
Intel Xeon E3120 @ 3.16GHz	2459	717	NA	NA
Intel Xeon E5603 @ 1.60GHz	2456	718	12.16	\$201.99*
Intel Core i7-2610UE @ 1.50GHz	2454	719	NA	NA
Intel Core i5 M 480 @ 2.67GHz	2449	720	NA	NA
AMD A6-5200 APU	2435	721	NA	NA
AMD A8-3510MX APU	2432	723	NA	NA
Intel Core2 Duo E8600 @ 3.33GHz	2432	722	52.87	\$46.00
AMD Athlon X2 370K Dual Core	2421	724	NA	NA
Intel Xeon L5240 @ 3.00GHz	2420	725	NA	NA
Intel Core i5 540M @ 2.53GHz	2415	726	6.44	\$375.13*
Intel Xeon L3110 @ 3.00GHz	2411	727	NA	NA
Intel Core i3-2310M @ 2.10GHz	2409	728	NA	NA

Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G630 @ 2.70GHz	2408	729	34.74	\$69.32*
Intel Core i5-4202Y @ 1.60GHz	2399	730	NA	NA
AMD Athlon II X3 425	2392	731	39.22	\$60.99*
Intel Core i3-2332M @ 2.20GHz	2382	732	NA	NA
AMD Phenom II X4 8700e	2377	733	NA	NA
Intel Core i5 M 460 @ 2.53GHz	2374	734	NA	NA
Intel Celeron G1610T @ 2.30GHz	2367	735	NA	NA
Intel Core i5 520M @ 2.40GHz	2365	736	9.85	\$239.99*
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	737	NA	NA
Intel Core i7 L 640 @ 2.13GHz	2346	738	NA	NA
Intel Core i5-2467M @ 1.60GHz	2344	739	NA	NA
AMD A6-6400K APU	2334	740	41.69	\$55.99
Intel Pentium G645T @ 2.50GHz	2334	741	NA	NA
AMD Athlon II X3 415e	2329	742	31.05	\$75.00*
AMD Phenom II X3 705e	2328	744	15.28	\$152.34*
AMD Phenom X4 Quad-Core GP-9600	2328	743	NA	NA
Intel Celeron 2970M @ 2.20GHz	2326	745	NA	NA
AMD Phenom 9350e Quad-Core	2322	747	11.91	\$194.99*
AMD Phenom 9600 Quad-Core	2322	746	16.59	\$140.00*
AMD A8-3530MX APU	2317	748	NA	NA
AMD Athlon X3 445	2314	750	NA	NA
Intel Celeron G550 @ 2.60GHz	2314	749	46.29	\$49.99*
Intel Pentium G6951 @ 2.80GHz	2311	751	NA	NA
Intel Core2 Duo T9900 @ 3.06GHz	2309	752	5.79	\$398.95*
Intel Core i3 M 390 @ 2.67GHz	2304	753	NA	NA
AMD Athlon X2 280	2303	755	41.46	\$55.55*
Intel Pentium 2020M @ 2.40GHz	2303	754	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2297	756	60.45	\$38.00
AMD Phenom II N930 Quad-Core	2296	757	23.19	\$99.00*
Intel Core i3-3217U @ 1.80GHz	2295	758	NA	NA
AMD Opteron 2376	2283	759	NA	NA
AMD A8-3520M APU	2279	760	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2278	761	NA	NA
Intel Pentium G3320TE @ 2.30GHz	2276	762	NA	NA
Intel Pentium G620 @ 2.60GHz	2270	764	32.43	\$69.99
Intel Xeon E5310 @ 1.60GHz	2270	763	28.68	\$79.14*
Intel Celeron G540 @ 2.50GHz	2263	765	45.27	\$49.99
AMD Phenom II X620 Dual-Core	2258	766	NA	NA
AMD Athlon X3 440	2256	767	25.64	\$87.99*
AMD Athlon X3 425	2255	769	NA	NA
AMD Opteron 8354	2255	768	205.00	\$11.00
Intel Core i3-4005U @ 1.70GHz	2254	770	NA	NA
Intel Xeon E3110 @ 3.00GHz	2247	771	7.52	\$298.95*
AMD Opteron 2393 SE	2246	772	NA	NA
Intel Core i5 520 @ 2.40GHz	2244	773	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2240	774	NA	NA
AMD Athlon II X3 425e	2239	775	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2238	776	NA	NA
AMD Phenom 8850 Triple-Core	2237	777	NA	NA
AMD Phenom II X3 700e	2231	778	NA	NA
Intel Celeron 2950M @ 2.00GHz	2231	779	NA	NA
Intel Core i3-3217UE @ 1.60GHz	2228	780	NA	NA
AMD Phenom 9500 Quad-Core	2225	781	24.73	\$89.96*
Intel Core i5-2537M @ 1.40GHz	2223	782	NA	NA
AMD A8-6410 APU with AMD Radeon R5 Graphics	2219	783	NA	NA
AMD Phenom 8850B Triple-Core	2218	784	NA	NA
Intel Core2 Duo E8700 @ 3.50GHz	2212	785	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4210Y @ 1.50GHz	2207	786	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	787	NA	NA
AMD Athlon X2 270	2202	788	NA	NA
AMD A6-3430MX APU	2200	789	NA	NA
Intel Pentium 2030M @ 2.50GHz	2195	790	NA	NA
AMD Athlon II X2 B28	2193	791	NA	NA
AMD A4-6300 APU	2186	793	47.31	\$46.21
AMD Athlon II X2 280	2186	792	NA	NA
Intel Core i3 E 330 @ 2.13GHz	2182	794	NA	NA
Intel Core i7 L 620 @ 2.00GHz	2182	795	NA	NA
Intel Celeron G530 @ 2.40GHz	2177	796	43.55	\$49.99*
Intel Pentium G630T @ 2.30GHz	2177	797	27.22	\$79.99*
AMD A8-4555M APU	2176	798	NA	NA
AMD Phenom II X2 560	2175	799	19.65	\$110.69*
AMD Phenom II X2 565	2174	800	10.87	\$199.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2172	801	2.55	\$851.00*
AMD Phenom 8750 Triple-Core	2169	802	NA	NA

Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E8400 @ 3.00GHz	2167	803	77.39	\$28.00
Intel Core2 Duo E8435 @ 3.06GHz	2157	804	NA	NA
AMD A6-5400K APU	2145	805	36.98	\$58.00
Intel Pentium E6800 @ 3.33GHz	2145	806	20.74	\$103.43*
AMD Phenom 9150e Quad-Core	2140	807	NA	NA
Intel Pentium J2900 @ 2.41GHz	2139	808	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2134	809	NA	NA
AMD Athlon II X3 405e	2131	810	26.64	\$79.99*
AMD Phenom II X640 Dual-Core	2128	811	NA	NA
AMD Phenom II X2 511	2123	812	NA	NA
AMD A6-3410MX APU	2122	813	NA	NA
AMD Phenom II X2 521	2122	814	NA	NA
Intel Core i3 M 380 @ 2.53GHz	2121	815	NA	NA
AMD Phenom II P960 Quad-Core	2120	816	75.71	\$28.00*
Intel Pentium G6960 @ 2.93GHz	2118	817	NA	NA
Intel Celeron G540T @ 2.10GHz	2114	818	NA	NA
Intel Core i5 M 430 @ 2.27GHz	2113	819	NA	NA
Intel Core i5 M 450 @ 2.40GHz	2110	820	NA	NA
Intel Core2 Duo T9800 @ 2.93GHz	2109	821	4.98	\$423.89*
AMD Phenom 8750B Triple-Core	2108	822	NA	NA
AMD GX-420CA SOC	2107	823	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2104	824	NA	NA
AMD Athlon 5150 APU with Radeon R3	2093	825	NA	NA
AMD A6-3420M APU	2084	826	NA	NA
Intel Core i5-3339Y @ 1.50GHz	2074	827	NA	NA
AMD A8-3500M APU	2068	828	NA	NA
AMD Athlon II X3 420e	2062	829	17.73	\$116.27*
AMD Phenom II X2 555	2056	830	7.09	\$289.95*
Intel Celeron G1620T @ 2.40GHz	2048	832	NA	NA
Intel Pentium G640T @ 2.40GHz	2048	831	NA	NA
Intel Pentium B980 @ 2.40GHz	2043	833	NA	NA
AMD A4-5300 APU	2041	834	42.55	\$47.97
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 3550M @ 2.30GHz	2041	835	NA	NA
AMD Phenom II X2 B57	2040	836	NA	NA
Intel Pentium G620T @ 2.20GHz	2040	837	25.50	\$79.99*
Intel Core i3 M 370 @ 2.40GHz	2037	838	NA	NA
AMD Phenom II X2 550	2036	839	20.36	\$99.99*
Intel Xeon 5160 @ 3.00GHz	2036	840	NA	NA
Intel Core i3-2312M @ 2.10GHz	2033	841	NA	NA
Intel Pentium J2850 @ 2.41GHz	2032	842	NA	NA
AMD A6-5350M APU	2031	843	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	2027	844	NA	NA
AMD Phenom 8650 Triple-Core	2025	845	40.51	\$49.99*
AMD Athlon II X3 400e	2023	846	18.83	\$107.43*
AMD Phenom II X2 B59	2019	847	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	2017	848	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2009	849	NA	NA
AMD A6-3500 APU	2007	850	16.73	\$119.95*
Intel Xeon E5320 @ 1.86GHz	2001	851	6.69	\$298.95*
AMD GX-415GA SOC	2000	852	NA	NA
AMD Phenom 8450e Triple-Core	2000	853	NA	NA
AMD Athlon II X2 270	1985	854	30.54	\$64.99
AMD Phenom II N870 Triple-Core	1984	855	NA	NA
Intel Core2 Duo E6850 @ 3.00GHz	1981	856	9.91	\$199.95*
Intel Pentium B970 @ 2.30GHz	1978	857	NA	NA
Intel Core2 Duo E7600 @ 3.06GHz	1972	858	10.67	\$184.75*
AMD A6-3400M APU	1971	859	109.50	\$18.00*
Intel Atom Z3795 @ 1.60GHz	1970	860	NA	NA
Intel Core i7 610 @ 2.53GHz	1969	861	NA	NA
Intel Pentium E6700 @ 3.20GHz	1967	862	9.89	\$198.95
Intel Core2 Duo T9600 @ 2.80GHz	1964	863	16.29	\$120.59*
Intel Pentium N3520 @ 2.16GHz	1945	865	NA	NA
Intel Xeon W3505 @ 2.53GHz	1945	864	NA	NA
Intel Celeron J1900 @ 1.99GHz	1943	866	NA	NA
AMD Phenom II X2 545	1941	867	20.22	\$95.99*
AMD Athlon X2 340 Dual Core	1935	868	43.01	\$44.99
AMD A6-5357M APU	1933	869	NA	NA
Intel Core2 Duo P9600 @ 2.66GHz	1932	870	NA	NA
AMD Phenom 8600B Triple-Core	1926	871	36.35	\$52.99*
AMD Phenom II P940 Quad-Core	1925	872	NA	NA
AMD Phenom II P920 Quad-Core	1923	873	106.83	\$18.00*
AMD A4-5150M APU	1921	874	NA	NA
AMD Opteron 2224 SE	1919	875	NA	NA
AMD Phenom II N850 Triple-Core	1916	876	87.09	\$22.00*
Intel Core2 Extreme X6800 @ 2.93GHz	1911	877	7.25	\$263.64*
AMD Athlon X2 260	1910	878	NA	NA
Intel Core i3 M 350 @ 2.27GHz	1910	879	NA	NA

Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5000 APU	1909	880	NA	NA
Intel Core i3-2375M @ 1.50GHz	1908	881	NA	NA
AMD A6-5400B APU	1906	883	NA	NA
Intel Pentium E5800 @ 3.20GHz	1906	882	43.07	\$44.25*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium E6600 @ 3.06GHz	1899	884	7.60	\$249.95*
AMD Phenom II X2 B55	1895	885	32.67	\$58.00
Intel Celeron 1005M @ 1.90GHz	1894	886	NA	NA
Intel Core i7 U 660 @ 1.33GHz	1893	887	NA	NA
AMD Phenom II N830 Triple-Core	1888	888	NA	NA
Intel Pentium B960 @ 2.20GHz	1887	889	NA	NA
AMD Athlon II X2 260	1883	890	36.37	\$51.77
Intel Pentium 2127U @ 1.90GHz	1880	891	NA	NA
Intel Core2 Duo E7500 @ 2.93GHz	1876	893	9.43	\$198.95*
Intel Core2 Duo E8200 @ 2.66GHz	1876	892	NA	NA
AMD Athlon II X2 B24	1874	894	NA	NA
AMD Phenom 8450 Triple-Core	1872	895	36.71	\$50.99*
AMD Phenom 8550 Triple-Core	1871	896	NA	NA
Intel Pentium G6950 @ 2.80GHz	1861	897	20.70	\$89.89*
AMD Athlon II X2 250e	1855	898	24.18	\$76.73*
AMD Phenom 9100e Quad-Core	1846	899	10.27	\$179.81*
AMD Phenom II N660 Dual-Core	1845	900	73.80	\$25.00*
AMD Athlon II X2 255	1832	901	30.54	\$59.98*
Intel Core i3-2377M @ 1.50GHz	1832	902	NA	NA
Intel Core2 Duo T9500 @ 2.60GHz	1830	903	NA	NA
AMD Athlon II X2 B26	1829	904	NA	NA
Intel Pentium @ 1.50GHz	1824	905	NA	NA
Intel Xeon L5238 @ 2.66GHz	1823	906	NA	NA
AMD Athlon II X2 265	1820	907	24.27	\$74.98*
AMD A6-5345M APU	1813	908	NA	NA
AMD Athlon 64 X2 Dual Core 6400+	1811	909	NA	NA
Intel Core i3 M 330 @ 2.13GHz	1810	910	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1810	911	5.32	\$340.00*
AMD Athlon X2 235e	1806	912	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1804	913	6.03	\$298.95*
Intel Celeron B840 @ 1.90GHz	1801	914	NA	NA
AMD Athlon 64 FX-72	1794	915	NA	NA
Intel Core i7 U 680 @ 1.47GHz	1793	916	NA	NA
Intel Core2 Duo E8235 @ 2.80GHz	1790	917	NA	NA
Intel Xeon 3070 @ 2.66GHz	1781	918	2.97	\$598.95*
Intel Celeron 1037U @ 1.80GHz	1779	919	NA	NA
Intel Core i7 U 640 @ 1.20GHz	1778	920	NA	NA
Intel Core i3-4010Y @ 1.30GHz	1774	921	NA	NA
Intel Core2 Duo E8335 @ 2.66GHz	1772	922	NA	NA
Intel Core2 Extreme X7800 @ 2.60GHz	1771	923	NA	NA
Intel Xeon W3503 @ 2.40GHz	1767	924	NA	NA
Intel Pentium E5700 @ 3.00GHz	1763	925	17.63	\$99.99*
Intel Pentium B940 @ 2.00GHz	1762	926	NA	NA
AMD A4-5300B APU	1761	927	NA	NA
Intel Core2 Duo E7400 @ 2.80GHz	1760	928	22.86	\$77.00*
AMD Phenom II P860 Triple-Core	1757	929	NA	NA
Intel Pentium E6500 @ 2.93GHz	1757	930	NA	NA
AMD Athlon II X2 250	1755	933	35.18	\$49.88
AMD Phenom II N640 Dual-Core	1755	932	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II P840 Triple-Core	1755	931	NA	NA
AMD Phenom X2 Dual-Core GE-7060	1752	934	NA	NA
Intel Core2 Duo T9400 @ 2.53GHz	1745	935	4.92	\$354.94*
Intel Xeon E5503 @ 2.00GHz	1744	936	8.47	\$205.99*
Intel Core i3-2367M @ 1.40GHz	1740	937	NA	NA
Intel Core2 Duo P8800 @ 2.66GHz	1738	939	5.61	\$309.99*
Intel Core2 Extreme X7900 @ 2.80GHz	1738	938	NA	NA
AMD A4-3420 APU	1736	940	NA	NA
AMD Sempron 3850 APU with Radeon R3	1732	941	NA	NA
Intel Celeron G1101 @ 2.27GHz	1727	943	NA	NA
Intel Xeon 5150 @ 2.66GHz	1727	942	103.60	\$16.67*
Intel Celeron 1000M @ 1.80GHz	1726	944	NA	NA
AMD Athlon II X2 240e	1725	945	22.98	\$75.06*
AMD Phenom X2 Dual-Core GE-6060	1722	946	NA	NA
Intel Core2 Duo E6750 @ 2.66GHz	1722	947	10.19	\$169.00*
AMD Phenom II N620 Dual-Core	1720	948	49.14	\$35.00*
Intel Core i3-2340UE @ 1.30GHz	1719	949	NA	NA
Intel Pentium B950 @ 2.10GHz	1719	950	NA	NA
Intel Core2 Duo E7300 @ 2.66GHz	1718	951	NA	NA
AMD Phenom 8400 Triple-Core	1716	952	NA	NA
Intel Core2 Duo E6700 @ 2.66GHz	1716	953	5.92	\$289.99*
Intel Core i3-2365M @ 1.40GHz	1714	954	NA	NA



Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-4300M APU	1713	955	NA	NA
Intel Core2 Duo T9300 @ 2.50GHz	1710	956	6.84	\$249.95*
Intel Core2 Duo P9600 @ 2.53GHz	1709	957	17.26	\$99.00*
Intel Pentium E6300 @ 2.80GHz	1705	958	18.94	\$90.00*
AMD Athlon II X2 245	1704	959	35.40	\$48.13*
AMD Athlon X2 250	1699	960	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	961	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1694	962	NA	NA
AMD Opteron 1222	1693	963	NA	NA
Intel Core2 Duo P9400 @ 2.40GHz	1690	964	NA	NA
AMD Turion II N550 Dual-Core	1688	965	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	966	NA	NA
Intel Xeon 3075 @ 2.66GHz	1687	967	4.82	\$349.95*
Intel Xeon 5148 @ 2.33GHz	1685	968	113.39	\$14.86*
Intel Pentium N3510 @ 1.99GHz	1682	969	NA	NA
AMD Opteron 2220	1677	970	111.80	\$15.00*
AMD Phenom 8600 Triple-Core	1674	971	31.59	\$52.99*
AMD Athlon 7850 Dual-Core	1672	972	6.69	\$249.95*
AMD Athlon II X2 220	1670	973	NA	NA
AMD Athlon X2 240e	1670	974	NA	NA
Intel Core2 Duo P8700 @ 2.53GHz	1667	975	53.77	\$31.00*
AMD Athlon II X2 235e	1666	976	19.15	\$87.00*
Intel Pentium 2117U @ 1.80GHz	1662	977	NA	NA
Intel Core2 Duo E7200 @ 2.53GHz	1654	978	8.71	\$189.95*
Intel Xeon 5140 @ 2.33GHz	1652	979	NA	NA
AMD Athlon II X2 4400e	1645	980	NA	NA
Intel Core2 Duo T7800 @ 2.60GHz	1642	981	2.70	\$607.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-4400M APU	1638	982	NA	NA
AMD Athlon 64 X2 Dual Core 5800+	1636	983	18.18	\$90.00*
AMD Turion II Ultra Dual-Core Mobile M640	1636	984	NA	NA
AMD Athlon II X2 240	1634	985	28.67	\$56.99*
AMD E2-3800 APU	1631	986	NA	NA
AMD Athlon II N370 Dual-Core	1629	987	NA	NA
Intel Celeron N2930 @ 1.83GHz	1629	988	NA	NA
Intel Pentium E5400 @ 2.70GHz	1628	990	40.70	\$40.00*
Intel Xeon 3060 @ 2.40GHz	1628	989	5.45	\$298.95*
AMD Athlon X2 255	1627	991	NA	NA
Intel Core i3-2357M @ 1.30GHz	1618	992	NA	NA
Athlon 64 Dual Core 5400+	1614	994	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	993	NA	NA
AMD Opteron 1220	1613	995	NA	NA
Intel Core2 Duo P9300 @ 2.26GHz	1611	996	NA	NA
AMD Opteron 2220 SE	1609	997	NA	NA
AMD Phenom 8250 Triple-Core	1608	999	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1608	1000	NA	NA
Intel Pentium E5500 @ 2.80GHz	1608	998	24.00	\$67.00*
Intel Celeron G530T @ 2.00GHz	1604	1001	NA	NA
AMD A4-3400 APU	1602	1003	36.53	\$43.85
AMD Athlon II X2 215	1602	1002	43.30	\$37.00*
Intel Celeron 1017U @ 1.60GHz	1601	1004	NA	NA
AMD Athlon 64 X2 Dual Core 6000+	1599	1005	9.41	\$169.99
AMD Phenom II X2 B53	1598	1007	NA	NA
Intel Xeon 5133 @ 2.20GHz	1598	1006	NA	NA
AMD Athlon II X2 245e	1593	1009	21.17	\$75.24*
AMD Turion II N530 Dual-Core	1593	1008	NA	NA
AMD Athlon II X2 B22	1589	1010	NA	NA
AMD Athlon 7750 Dual-Core	1588	1011	17.65	\$89.99*
Intel Celeron 2957U @ 1.40GHz	1582	1012	NA	NA
AMD A6-1450 APU	1581	1013	NA	NA
AMD Phenom II P650 Dual-Core	1580	1014	63.20	\$25.00*
AMD Athlon X2 215	1574	1016	NA	NA
AMD Opteron 2218	1574	1015	80.72	\$19.50*
Intel Core i5 U 560 @ 1.33GHz	1568	1017	NA	NA
Intel Core2 Duo E8135 @ 2.40GHz	1565	1018	NA	NA
Intel Core2 Duo E6600 @ 2.40GHz	1555	1019	NA	NA
AMD Athlon X2 245	1551	1020	NA	NA
AMD A4-3300 APU	1548	1021	42.82	\$36.15
Athlon 64 Dual Core 5600+	1548	1022	NA	NA
Intel Celeron 2955U @ 1.40GHz	1546	1023	NA	NA
Intel Core2 Duo P8600 @ 2.40GHz	1540	1024	9.15	\$168.27*
AMD Phenom 8250e Triple-Core	1539	1025	32.75	\$46.99*
AMD Athlon X2 240	1535	1026	NA	NA
AMD Athlon II X2 4450e	1532	1027	NA	NA
Intel Pentium E5300 @ 2.60GHz	1532	1028	NA	NA
AMD Opteron 290	1530	1032	11.33	\$135.00*
AMD Turion II Ultra Dual-Core Mobile M620	1530	1031	NA	NA

Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 3556U @ 1.70GHz	1530	1030	NA	NA
Intel Xeon 3065 @ 2.33GHz	1530	1029	NA	NA
AMD Athlon 64 FX-62 Dual Core	1529	1033	NA	NA
Intel Celeron N2920 @ 1.86GHz	1527	1034	NA	NA
AMD Athlon II X2 225	1526	1035	NA	NA
Intel Celeron B830 @ 1.80GHz	1519	1036	NA	NA
AMD Opteron 2216	1518	1037	NA	NA
AMD Turion II P560 Dual-Core	1517	1038	NA	NA
AMD Sempron X2 190	1514	1039	NA	NA
AMD Phenom II P820 Triple-Core	1511	1040	NA	NA
AMD E2-3200 APU	1506	1041	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1505	1042	79.21	\$19.00*
AMD Athlon Dual Core 5600B	1496	1043	NA	NA
AMD Athlon 64 FX-74	1495	1044	2.99	\$499.50*
AMD Phenom X4 Quad-Core GP-9500	1493	1045	NA	NA
Intel Celeron E3400 @ 2.60GHz	1486	1047	29.73	\$49.99*
Intel Xeon E5502 @ 1.87GHz	1486	1046	7.25	\$204.99*
AMD Athlon 7450 Dual-Core	1485	1048	NA	NA
Intel Pentium E5200 @ 2.50GHz	1484	1049	29.68	\$50.00*
AMD Turion II P540 Dual-Core	1482	1050	NA	NA
Athlon 64 Dual Core 5000+	1482	1051	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1481	1052	NA	NA
AMD Athlon II X2 4500e	1475	1054	NA	NA
Intel Core2 Duo P8400 @ 2.26GHz	1475	1053	7.46	\$197.79*
AMD Turion II Ultra Dual-Core Mobile M660	1473	1055	NA	NA
AMD Opteron 285	1470	1057	NA	NA
Intel Pentium 997 @ 1.60GHz	1470	1056	NA	NA
Intel Celeron P4600 @ 2.00GHz	1469	1058	NA	NA
Intel Core2 Duo T8300 @ 2.40GHz	1469	1059	6.86	\$213.99*
AMD Opteron 1218	1468	1060	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1468	1061	6.38	\$229.99*
AMD Athlon 64 X2 Dual Core 5600+	1466	1062	11.28	\$129.95*
Intel Celeron B820 @ 1.70GHz	1464	1063	NA	NA
AMD Athlon Dual Core 5400B	1461	1064	NA	NA
Intel Core2 Duo P7570 @ 2.26GHz	1456	1065	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1067	NA	NA
Intel Celeron 1007U @ 1.50GHz	1454	1066	NA	NA
Intel Core2 Duo E4700 @ 2.60GHz	1447	1068	14.47	\$100.00*
AMD Opteron 1218 HE	1444	1069	NA	NA
AMD Athlon Dual Core 4850B	1443	1070	NA	NA
Intel Core i7 U 620 @ 1.07GHz	1443	1072	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1443	1071	7.72	\$186.99*
Intel Celeron E3500 @ 2.70GHz	1437	1074	15.07	\$95.36*
Intel Core2 Duo T7700 @ 2.40GHz	1437	1073	12.10	\$118.79*
AMD Phenom X2 Dual-Core GP-7730	1435	1075	NA	NA
AMD Athlon X2 440	1424	1076	NA	NA
AMD Athlon II X2 210e	1419	1077	NA	NA
AMD Opteron 2214 HE	1415	1078	NA	NA
Intel Core2 Duo T6600 @ 2.20GHz	1413	1079	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II Neo N54L Dual-Core	1412	1081	NA	NA
Intel Xeon 5130 @ 2.00GHz	1412	1080	3.92	\$359.99*
Intel Celeron E3200 @ 2.40GHz	1411	1082	27.14	\$51.99*
AMD Athlon 64 X2 Dual Core 5400+	1408	1083	26.57	\$52.99*
AMD Athlon 7550 Dual-Core	1405	1085	22.66	\$62.00*
AMD Athlon II X2 4300e	1405	1084	NA	NA
Intel Celeron E3300 @ 2.50GHz	1402	1086	25.50	\$54.99*
AMD Turion II Ultra Dual-Core Mobile M600	1400	1087	NA	NA
Intel Atom E3845 @ 1.91GHz	1396	1089	NA	NA
Intel Core2 Duo E4600 @ 2.40GHz	1396	1088	7.02	\$198.95*
AMD Turion II Dual-Core Mobile M540	1389	1090	NA	NA
Intel Core i5 U 540 @ 1.20GHz	1388	1091	NA	NA
Intel Core2 Duo E6540 @ 2.33GHz	1382	1092	NA	NA
AMD Athlon 64 X2 Dual Core 5200+	1376	1093	30.32	\$45.39*
Intel Xeon E5205 @ 1.86GHz	1375	1094	NA	NA
Intel Core2 Duo T6670 @ 2.20GHz	1373	1095	NA	NA
Intel Pentium T4500 @ 2.30GHz	1373	1096	NA	NA
Athlon 64 Dual Core 4800+	1370	1098	NA	NA
Intel Xeon 3050 @ 2.13GHz	1370	1097	4.15	\$329.95*
AMD Opteron 280	1369	1099	76.06	\$18.00*
AMD Athlon 64 X2 4600+	1365	1100	3.90	\$349.95*
VIA QuadCore L4700 @ 1.2+ GHz	1363	1101	NA	NA
Intel Core2 Duo E6420 @ 2.13GHz	1362	1102	NA	NA
AMD Opteron 185	1359	1103	NA	NA
AMD Opteron 2214	1358	1104	90.53	\$15.00*
Intel Celeron B815 @ 1.60GHz	1357	1105	NA	NA

Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion II P520 Dual-Core	1354	1106	NA	NA
AMD Athlon II P360 Dual-Core	1349	1107	96.36	\$14.00
Intel E1600 @ 2.40GHz	1349	1108	NA	NA
Intel Pentium E2220 @ 2.40GHz	1346	1110	20.09	\$67.00*
Intel Pentium P6300 @ 2.27GHz	1346	1109	NA	NA
AMD A4-3330MX APU	1343	1111	NA	NA
AMD Athlon 64 FX-60 Dual Core	1339	1112	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1338	1113	NA	NA
Intel Celeron 887 @ 1.50GHz	1338	1114	NA	NA
Intel Pentium P6200 @ 2.13GHz	1338	1115	NA	NA
AMD Turion II Dual-Core Mobile M520	1337	1116	33.44	\$39.98*
Intel Core i5 520UM @ 1.07GHz	1336	1117	NA	NA
AMD Athlon Dual Core 5200B	1334	1119	NA	NA
Intel Core i5 U 430 @ 1.20GHz	1334	1120	NA	NA
Intel Core2 Duo T7600 @ 2.33GHz	1334	1118	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1121	NA	NA
Intel Pentium P6100 @ 2.00GHz	1329	1122	NA	NA
Athlon Dual Core 4850e	1327	1123	NA	NA
Intel Celeron B800 @ 1.50GHz	1322	1124	NA	NA
AMD Athlon Dual Core 4850e	1319	1126	NA	NA
Intel Celeron 877 @ 1.40GHz	1319	1125	NA	NA
Intel Core2 Duo L9400 @ 1.86GHz	1316	1128	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1316	1127	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-3310MX APU	1312	1129	NA	NA
AMD Athlon 64 X2 Dual Core 5000+	1309	1130	3.95	\$331.49*
AMD Opteron 1212 HE	1308	1131	NA	NA
Intel Core2 Duo T6500 @ 2.10GHz	1306	1132	16.50	\$79.16*
Intel Pentium T4400 @ 2.20GHz	1305	1133	NA	NA
AMD Turion II Dual-Core Mobile M500	1301	1134	NA	NA
AMD A6-4455M APU	1299	1135	NA	NA
AMD Opteron 275	1290	1136	117.27	\$11.00*
AMD Athlon X2 Dual Core BE-2400	1287	1137	NA	NA
AMD Athlon 64 X2 4200+	1285	1138	4.30	\$298.95*
AMD Turion X2 Dual Core Mobile RM-74	1283	1139	7.24	\$177.19*
AMD Athlon64 X2 Dual Core 4600+	1280	1141	NA	NA
Intel Core2 Duo T8100 @ 2.10GHz	1280	1140	6.77	\$189.00*
AMD Athlon Dual Core 5050e	1279	1144	NA	NA
Athlon 64 Dual Core 4400+	1279	1142	NA	NA
Intel Atom Z3770 @ 1.46GHz	1279	1145	NA	NA
Intel Core2 Duo E6400 @ 2.13GHz	1279	1146	4.28	\$298.95*
Intel Core2 Duo T5900 @ 2.20GHz	1279	1143	NA	NA
Intel Core2 Duo P7370 @ 2.00GHz	1278	1147	NA	NA
AMD Opteron 1214	1276	1148	NA	NA
AMD Athlon 64 X2 Dual Core 4800+	1275	1149	9.81	\$129.95
Intel Core2 Duo T7500 @ 2.20GHz	1275	1150	9.17	\$139.00*
AMD Athlon II N350 Dual-Core	1274	1151	NA	NA
AMD Athlon 5200 Dual-Core	1272	1153	23.18	\$54.87*
Celeron Dual-Core T3300 @ 2.00GHz	1272	1152	NA	NA
AMD A4-3305M APU	1271	1154	NA	NA
AMD Opteron 2212	1270	1155	NA	NA
AMD Athlon 64 X2 4800+	1269	1156	21.15	\$60.00*
Intel Core i5 U 470 @ 1.33GHz	1266	1157	NA	NA
Intel Pentium P6000 @ 1.87GHz	1263	1158	NA	NA
AMD Athlon II P340 Dual-Core	1262	1159	12.41	\$101.67*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1261	1160	21.03	\$59.95*
Intel Core2 Duo E4500 @ 2.20GHz	1261	1161	9.70	\$129.99*
Intel Celeron B810 @ 1.60GHz	1260	1162	NA	NA
AMD Opteron 1216	1259	1163	NA	NA
Intel Xeon 3040 @ 1.86GHz	1259	1164	8.99	\$140.00*
AMD Athlon64 X2 Dual Core 4800+	1258	1165	NA	NA
AMD Athlon II X2 270u	1255	1167	18.55	\$67.67*
Intel Pentium 987 @ 1.50GHz	1255	1166	NA	NA
Intel Core2 Duo T7400 @ 2.16GHz	1254	1168	NA	NA
Intel Core2 Duo T6570 @ 2.10GHz	1253	1169	NA	NA
AMD Sempron X2 180	1252	1170	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1171	NA	NA
AMD Athlon Dual Core 5000B	1250	1172	NA	NA
AMD Athlon 5000 Dual-Core	1247	1173	41.58	\$29.99*
Intel Celeron N2910 @ 1.60GHz	1245	1174	NA	NA
AMD Opteron 180	1242	1175	6.90	\$180.00*
AMD A4-3300M APU	1240	1176	68.89	\$18.00*
Intel Celeron P4500 @ 1.87GHz	1238	1177	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 5120 @ 1.86GHz	1236	1178	4.66	\$265.00*
Intel Pentium 3560Y @ 1.20GHz	1235	1179	NA	NA
Intel Pentium T4300 @ 2.10GHz	1235	1180	NA	NA

Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T6400 @ 2.00GHz	1228	1182	16.87	\$72.79*
Intel Celeron 867 @ 1.30GHz	1226	1183	NA	NA
AMD Opteron 175	1220	1184	NA	NA
AMD Athlon II P320 Dual-Core	1217	1185	81.13	\$15.00*
AMD Athlon Dual Core 4450B	1212	1187	34.08	\$35.56*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1212	1186	15.15	\$79.99*
AMD Phenom X4 Quad-Core GS-5560	1211	1188	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1210	1189	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	1190	86.67	\$13.95*
Intel Core2 Duo T7300 @ 2.00GHz	1201	1191	NA	NA
AMD Athlon Dual-Core QL-65	1200	1192	NA	NA
AMD Athlon 64 X2 Dual Core 4600+	1198	1193	3.42	\$349.95*
AMD A4-3320M APU	1193	1195	NA	NA
Intel Pentium E2200 @ 2.20GHz	1193	1194	12.97	\$91.99*
Intel Core i3 U 380 @ 1.33GHz	1189	1196	NA	NA
AMD Athlon II N330 Dual-Core	1188	1198	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1197	NA	NA
Intel Pentium 967 @ 1.30GHz	1188	1199	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1187	1200	NA	NA
AMD Turion X2 Dual-Core Mobile RM-75	1185	1201	NA	NA
Intel Pentium E2210 @ 2.20GHz	1182	1202	NA	NA
Intel Celeron E1600 @ 2.40GHz	1181	1204	NA	NA
Intel Core2 Duo E6320 @ 1.86GHz	1181	1203	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1205	NA	NA
Intel Celeron G470 @ 2.00GHz	1180	1206	NA	NA
Intel Core2 Duo T7200 @ 2.00GHz	1176	1207	NA	NA
VIA QuadCore U4650 @ 1.0+ GHz	1173	1208	NA	NA
AMD Opteron 1216 HE	1171	1209	NA	NA
AMD E2-3000M APU	1169	1210	NA	NA
Intel Celeron 857 @ 1.20GHz	1168	1211	NA	NA
AMD A4-4355M APU	1166	1212	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1164	1213	NA	NA
Intel Atom E3840 @ 1.91GHz	1162	1214	NA	NA
AMD Turion II Neo K685 Dual-Core	1158	1215	NA	NA
Athlon 64 Dual Core 4200+	1156	1216	NA	NA
Intel Xeon 3.73GHz	1153	1217	NA	NA
Intel Pentium T4200 @ 2.00GHz	1151	1218	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	1219	NA	NA
Intel Pentium 957 @ 1.20GHz	1145	1220	NA	NA
AMD Athlon X2 Dual-Core QL-67	1144	1221	NA	NA
Intel Pentium T3400 @ 2.16GHz	1141	1222	NA	NA
Intel Core i5 S 750 @ 2.40GHz	1139	1223	NA	NA
AMD Athlon64 X2 Dual Core 4400+	1138	1225	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1138	1224	NA	NA
AMD Athlon II Dual-Core M300	1135	1226	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1133	1227	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1131	1228	NA	NA
AMD Athlon II Dual-Core M320	1130	1229	NA	NA
AMD Athlon 64 X2 Dual Core 4400+	1128	1231	3.77	\$298.95*
Intel Core i3 U 330 @ 1.20GHz	1128	1230	NA	NA
Intel Core2 Duo E4400 @ 2.00GHz	1126	1232	10.43	\$108.00*
Intel Celeron 847E @ 1.10GHz	1123	1233	NA	NA
Intel Atom Z3745 @ 1.33GHz	1122	1234	NA	NA
Intel Core2 Duo T5800 @ 2.00GHz	1121	1236	NA	NA
Intel Core2 Duo T5870 @ 2.00GHz	1121	1235	NA	NA
Intel Core2 Duo E6300 @ 1.86GHz	1120	1237	NA	NA
Intel Celeron E1500 @ 2.20GHz	1119	1238	22.40	\$49.96*
Intel Core2 Duo L7800 @ 2.00GHz	1116	1239	NA	NA
AMD Turion 64 X2 Mobile TL-66	1111	1240	NA	NA
AMD Turion 64 X2 Mobile TL-68	1107	1241	12.30	\$90.00*
AMD Athlon II Dual-Core M340	1106	1242	NA	NA
Intel Core2 Duo T7250 @ 2.00GHz	1105	1243	5.48	\$201.48*
Celeron Dual-Core T3000 @ 1.80GHz	1102	1244	NA	NA
AMD Athlon II X2 260u	1101	1245	NA	NA
AMD Athlon 64 X2 Dual Core BE-230	1095	1246	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1092	1247	NA	NA
AMD Turion 64 X2 TL-60	1090	1248	NA	NA
Intel Atom Z3740D @ 1.33GHz	1089	1249	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1088	1250	5.56	\$195.65
Intel Celeron G465 @ 1.90GHz	1087	1252	27.84	\$39.04*
Intel Pentium 2129Y @ 1.10GHz	1087	1251	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1086	1253	37.84	\$28.70*
Intel Celeron J1800 @ 2.41GHz	1085	1254	NA	NA
AMD AthlonX2 DualCore QL-64	1083	1255	NA	NA
AMD Opteron 270	1083	1257	9.05	\$119.63*
Intel Celeron N2830 @ 2.16GHz	1083	1256	NA	NA

Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Athlon 64 X2 Dual Core BE-2300	1082	1258	NA	NA
AMD Sempron Dual Core 4900	1081	1259	NA	NA
Athlon Dual Core 4450e	1081	1260	NA	NA
AMD Opteron 170	1078	1261	NA	NA
Intel Atom Z3740 @ 1.33GHz	1071	1262	NA	NA
AMD Turion 64 X2 TL-62	1070	1264	NA	NA
AMD TurionX2 Dual Core Mobile RM-74	1070	1263	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1066	1265	4.75	\$224.26*
Intel Pentium E2180 @ 2.00GHz	1064	1266	5.91	\$179.95*
AMD Turion 64 X2 Mobile TL-62	1062	1267	3.53	\$301.00*
Intel Core2 Duo E4300 @ 1.80GHz	1061	1268	10.61	\$100.00*
Intel Celeron T1700 @ 1.83GHz	1058	1269	NA	NA
AMD Turion 64 X2 Mobile TL-64	1055	1270	26.78	\$39.39*
Intel Xeon 5110 @ 1.60GHz	1053	1271	9.48	\$111.02*
Intel Celeron N2820 @ 2.13GHz	1052	1272	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1049	1273	NA	NA
Intel Celeron E1400 @ 2.00GHz	1048	1274	26.87	\$39.00*
Intel Celeron J1750 @ 2.41GHz	1048	1275	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo T2700 @ 2.33GHz	1046	1276	NA	NA
AMD Athlon Dual-Core QL-62	1045	1277	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	1279	NA	NA
AMD Athlon Dual Core 4050e	1044	1278	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1043	1280	260.75	\$4.00
AMD Athlon Dual Core 4450e	1042	1281	NA	NA
AMD Athlon64 X2 Dual Core 4200+	1041	1282	NA	NA
AMD Turion X2 Dual-Core Mobile RM-74	1036	1283	51.93	\$19.95*
Intel Core2 Duo T7100 @ 1.80GHz	1034	1284	2.59	\$398.95*
AMD Athlon X2 Dual Core BE-2350	1031	1285	NA	NA
Intel Celeron G460 @ 1.80GHz	1030	1286	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1030	1287	NA	NA
Intel Pentium T3200 @ 2.00GHz	1029	1288	NA	NA
Intel 1500 @ 2.00GHz	1024	1289	NA	NA
AMD TurionX2 Dual Core Mobile RM-70	1023	1290	NA	NA
Athlon Dual Core 4050e	1022	1292	NA	NA
Intel Celeron 1019Y @ 1.00GHz	1022	1291	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	1293	NA	NA
AMD Athlon X2 Dual-Core QL-65	1020	1294	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1019	1295	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	1019	1296	NA	NA
AMD Athlon64 X2 Dual Core 3800+	1016	1298	NA	NA
AMD Turion Dual-Core RM-74	1016	1297	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	1299	NA	NA
AMD E2-3000 APU	1008	1300	NA	NA
AMD Athlon II X2 250u	1007	1301	NA	NA
AMD Athlon 64 X2 Dual Core 3400+	1003	1302	NA	NA
Intel Pentium E2160 @ 1.80GHz	1001	1303	10.54	\$95.00*
Intel Pentium Extreme Edition 965 @ 3.73GHz	1000	1304	NA	NA
AMD Athlon 64 X2 Dual Core 3800+	999	1305	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	996	1306	NA	NA
AMD Sempron 2650 APU with Radeon R3	993	1307	NA	NA
Intel Atom Z3735D @ 1.33GHz	990	1308	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	989	1310	NA	NA
Intel Core2 Duo U9400 @ 1.40GHz	989	1309	NA	NA
AMD Athlon 64 X2 TK-57	988	1311	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	986	1313	NA	NA
Intel Atom Z3735E @ 1.33GHz	986	1312	NA	NA
AMD AthlonX2 DualCore QL-60	984	1314	NA	NA
AMD Opteron 1212	982	1315	NA	NA
Intel 1400 @ 1.83GHz	980	1316	NA	NA
Intel Celeron 847 @ 1.10GHz	979	1317	NA	NA
Intel Pentium Extreme Edition 955 @ 3.46GHz	972	1318	NA	NA
Intel Pentium T2410 @ 2.00GHz	972	1319	NA	NA
AMD Athlon 64 X2 Dual Core TK-57	971	1320	NA	NA
AMD Opteron 1210 HE	971	1321	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	969	1323	NA	NA
AMD Athlon X2 Dual-Core QL-62	969	1322	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	967	1324	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron @ 1.30GHz	965	1325	NA	NA
AMD Opteron 256	963	1327	NA	NA
AMD Opteron 265	963	1326	NA	NA
AMD AthlonX2 DualCore QL-66	961	1328	NA	NA
AMD Turion 64 X2 Mobile TL-58	961	1329	NA	NA
Intel Celeron T1600 @ 1.66GHz	959	1330	NA	NA
Intel T2050 @ 2.00GHz	959	1331	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	957	1332	7.22	\$132.56*



Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Pentium U5600 @ 1.33GHz	956	1333	NA	NA
AMD Athlon 64 X2 TK-55	955	1334	NA	NA
AMD Turion 64 X2 Mobile TL-60	953	1335	31.78	\$29.99*
AMD Turion II Neo N40L Dual-Core	952	1336	NA	NA
AMD Athlon X2 Dual Core BE-2300	951	1338	NA	NA
AMD TurionX2 Dual Core Mobile RM-76	951	1337	NA	NA
AMD AthlonX2 DualCore QL-62	948	1339	NA	NA
AMD Sempron Dual Core 4700	948	1340	NA	NA
Intel Core Duo T2600 @ 2.16GHz	946	1341	NA	NA
Intel Core2 Duo P7500 @ 1.60GHz	945	1342	NA	NA
AMD Sempron Dual Core 2300	943	1344	22.46	\$41.99*
Intel T1400 @ 1.73GHz	943	1343	NA	NA
AMD Athlon 64 X2 3800+	940	1345	NA	NA
Intel Celeron N2815 @ 1.86GHz	940	1346	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	938	1347	NA	NA
Intel T1500 @ 1.86GHz	937	1348	NA	NA
AMD Athlon Dual-Core QL-64	936	1349	NA	NA
AMD Athlon X2 Dual-Core QL-64	930	1350	NA	NA
AMD Athlon II Neo K345 Dual-Core	928	1351	NA	NA
AMD Athlon 64 X2 Dual-Core TK-57	927	1353	NA	NA
AMD Athlon X2 Dual-Core QL-60	927	1352	NA	NA
Intel Pentium T2390 @ 1.86GHz	925	1354	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	924	1355	NA	NA
AMD Opteron 1210	923	1356	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	923	1357	NA	NA
AMD E1-2500 APU	920	1358	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	919	1359	NA	NA
Intel Atom S1260 @ 2.00GHz	916	1360	NA	NA
Intel Celeron P4505 @ 1.87GHz	915	1361	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	911	1362	NA	NA
Intel Core2 Duo U7300 @ 1.30GHz	909	1363	NA	NA
AMD Turion II Neo K625 Dual-Core	907	1364	NA	NA
AMD Opteron 165	906	1365	NA	NA
Intel Celeron N2807 @ 1.58GHz	903	1366	NA	NA
Intel U4100 @ 1.30GHz	902	1367	NA	NA
AMD Turion 64 X2 TL-58	897	1368	NA	NA
Intel Pentium U5400 @ 1.20GHz	893	1369	NA	NA
Intel Core Duo T2500 @ 2.00GHz	892	1370	7.43	\$119.99*
AMD Athlon X2 Dual Core 6850e	889	1372	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	889	1371	NA	NA
AMD Sempron Dual Core 2200	882	1373	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-42	877	1375	NA	NA
AMD Sempron Dual Core 2100	877	1374	22.49	\$39.00*
AMD Turion Dual-Core RM-75	875	1376	114.38	\$7.65
Intel Pentium E2140 @ 1.60GHz	875	1377	13.06	\$67.00*
AMD Turion Dual-Core RM-70	874	1378	291.33	\$3.00*
AMD Turion X2 Dual Core L510	871	1379	NA	NA
AMD Turion Neo X2 Dual Core L625	869	1381	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	869	1380	NA	NA
Intel Celeron N2806 @ 1.60GHz	868	1382	NA	NA
AMD Turion 64 X2 Mobile TL-56	866	1383	9.21	\$94.07*
AMD Athlon 64 X2 Dual-Core TK-55	863	1384	71.92	\$12.00*
Intel 1300 @ 1.66GHz	857	1385	NA	NA
AMD Athlon 64 X2 Dual Core TK-55	854	1386	14.79	\$57.74*
AMD E2-1800 APU	847	1387	NA	NA
AMD Athlon Dual-Core QL-60	842	1389	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	1388	NA	NA
Intel Atom D2700 @ 2.13GHz	841	1390	NA	NA
Intel Celeron N2810 @ 2.00GHz	834	1391	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	833	1392	NA	NA
Intel Pentium D 960 @ 3.60GHz	831	1393	NA	NA
Intel Pentium T2330 @ 1.60GHz	825	1395	NA	NA
Intel Pentium T2370 @ 1.73GHz	825	1394	NA	NA
Intel Celeron E1200 @ 1.60GHz	822	1396	19.12	\$42.99*
Intel Core2 Duo L7300 @ 1.40GHz	822	1397	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	821	1398	NA	NA
Intel Celeron B720 @ 1.70GHz	814	1399	NA	NA
Intel Celeron G440 @ 1.60GHz	813	1400	16.26	\$49.99
AMD Athlon II Neo N36L Dual-Core	811	1401	NA	NA
AMD E2-2000 APU	811	1402	NA	NA
Intel Core Duo T2450 @ 2.00GHz	810	1403	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	1404	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	807	1405	NA	NA
Intel Atom Z3770D @ 1.49GHz	805	1406	NA	NA
Intel Core Duo T2400 @ 1.83GHz	804	1407	50.25	\$16.00*
AMD Sempron 145	802	1408	22.93	\$34.98
Intel Celeron SU2300 @ 1.20GHz	802	1409	NA	NA

Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Athlon Neo X2 Dual Core L335	797	1410	NA	NA
AMD Athlon 64 FX-25	794	1411	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	790	1412	79.08	\$9.99*
AMD G-T56N	789	1413	NA	NA
AMD G-T48E	783	1414	NA	NA
AMD E-450 APU	782	1415	NA	NA
AMD Athlon II Neo K325 Dual-Core	781	1416	NA	NA
AMD Sempron 150	772	1417	NA	NA
Intel Core Duo T2250 @ 1.73GHz	771	1418	NA	NA
AMD Athlon X2 Dual Core 3250e	767	1419	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	766	1420	NA	NA
AMD Opteron 252	760	1421	25.34	\$29.99*
AMD Sempron LE-1640	759	1422	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E-350	758	1423	NA	NA
AMD Turion 64 X2 Mobile TL-52	755	1424	NA	NA
AMD Turion 64 X2 Mobile TL-50	754	1425	50.27	\$15.00*
Intel Pentium D 950 @ 3.40GHz	753	1426	NA	NA
AMD G-T56E	751	1427	NA	NA
AMD Athlon Neo X2 Dual Core L325	747	1429	NA	NA
Intel Core Duo T2350 @ 1.86GHz	747	1428	NA	NA
Intel Core Duo T2300 @ 1.66GHz	743	1430	NA	NA
AMD Opteron 154	741	1431	NA	NA
Intel Pentium T2130 @ 1.86GHz	736	1432	NA	NA
AMD Sempron 130	735	1433	24.51	\$29.99*
AMD GX-217GA SOC	732	1434	NA	NA
AMD Athlon 64 FX-57	731	1435	NA	NA
AMD Sempron 140	730	1436	16.98	\$42.99*
Intel Core Duo L2500 @ 1.83GHz	728	1437	NA	NA
AMD E-350 APU	727	1438	NA	NA
Intel Pentium T2080 @ 1.73GHz	727	1439	NA	NA
Intel Celeron 925 @ 2.30GHz	722	1440	NA	NA
AMD Athlon LE-1660	719	1441	NA	NA
Intel Pentium T2310 @ 1.46GHz	717	1442	NA	NA
AMD Athlon 64 FX-59	715	1443	NA	NA
AMD E1-1500 APU	714	1444	NA	NA
Intel Atom D2560 @ 2.00GHz	711	1446	NA	NA
Intel Celeron U3400 @ 1.07GHz	711	1445	NA	NA
Intel Core Duo L2300 @ 1.50GHz	711	1447	NA	NA
Intel Pentium D 940 @ 3.20GHz	710	1448	NA	NA
AMD E-350D APU	709	1449	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	707	1450	NA	NA
Intel Pentium 5 2.66GHz	705	1451	NA	NA
AMD Turion Dual-Core RM-72	701	1452	38.94	\$18.00*
Intel Atom D525 @ 1.80GHz	700	1453	NA	NA
AMD E1-1200 APU	699	1454	NA	NA
Intel Atom D2701 @ 2.13GHz	699	1456	NA	NA
Intel Core Duo L2400 @ 1.66GHz	699	1455	NA	NA
Intel Core Duo T2050 @ 1.60GHz	697	1457	NA	NA
Intel Celeron 900 @ 2.20GHz	696	1458	NA	NA
AMD Athlon 64 FX-55	693	1460	1.16	\$598.95*
AMD Opteron 254	693	1459	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	688	1461	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	1463	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	1462	NA	NA
AMD Athlon 1640B	683	1464	13.66	\$50.00*
AMD V160	680	1465	NA	NA
Intel Atom D510 @ 1.66GHz	680	1466	NA	NA
Intel Atom Z2760 @ 1.80GHz	679	1467	NA	NA
AMD E-30	677	1468	NA	NA
Intel Pentium T2060 @ 1.60GHz	672	1469	NA	NA
AMD A4-1200 APU	670	1470	NA	NA
Intel Atom D2550 @ 1.86GHz	666	1471	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD V140	662	1472	165.50	\$4.00
AMD Turion 64 Mobile ML-42	661	1473	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	660	1474	NA	NA
AMD Opteron 152	658	1476	NA	NA
Intel Atom K510 @ 1.66GHz	658	1475	NA	NA
AMD Opteron 250	649	1477	7.49	\$86.67*
Intel Pentium D 830 @ 3.00GHz	647	1478	NA	NA
AMD Athlon 64 FX-53	646	1479	NA	NA
VIA Nano L3600@2000MHz	645	1480	NA	NA
AMD Athlon X2 Dual Core L310	644	1481	NA	NA
Intel Atom N2800 @ 1.86GHz	643	1482	NA	NA
Intel Core 330 @ 1.60GHz	643	1483	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	639	1484	NA	NA

Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Athlon LE-1640	635	1485	NA	NA
AMD Sempron LE-1620	635	1487	NA	NA
AMD V120	635	1486	NA	NA
Intel Celeron 450 @ 2.20GHz	633	1488	NA	NA
AMD Opteron 246	632	1489	NA	NA
AMD E-300 APU	625	1490	NA	NA
AMD Athlon 64 4000+	623	1491	4.15	\$149.95*
AMD Athlon LE-1620	620	1492	34.44	\$18.00*
Intel Celeron 570 @ 2.26GHz	612	1493	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	608	1494	NA	NA
AMD E1-2100 APU	607	1495	NA	NA
AMD Opteron 150	604	1496	NA	NA
Intel Xeon 3.80GHz	603	1497	NA	NA
AMD Athlon 64 3600+	601	1499	NA	NA
AMD Sempron LE-1300	601	1498	24.05	\$24.99*
Intel Atom 330 @ 1.60GHz	600	1500	NA	NA
Intel Atom N570 @ 1.66GHz	599	1501	NA	NA
Intel Pentium D 915 @ 2.80GHz	598	1502	NA	NA
Mobile AMD Athlon 64 4000+	598	1503	NA	NA
AMD Turion 64 Mobile ML-44	590	1504	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	1505	NA	NA
AMD Athlon 64 3800+	588	1506	3.46	\$169.95*
AMD A4-1250 APU	587	1507	NA	NA
AMD Sempron M120	585	1508	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	1509	NA	NA
AMD Athlon II 160u	584	1511	NA	NA
AMD C-70 APU	584	1510	NA	NA
AMD Athlon 64 3700+	581	1512	4.84	\$119.95*
VIA Nano L3050@1800MHz	581	1513	NA	NA
AMD Athlon 64 2200+	575	1514	NA	NA
AMD Athlon LE-1600	574	1516	NA	NA
AMD Opteron 148	574	1515	NA	NA
AMD Athlon 64 3300+	572	1517	NA	NA
AMD Athlon II 170u	572	1518	NA	NA
AMD Athlon XP 3400+	570	1519	NA	NA
AMD Turion 64 MK-38	568	1520	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 827E @ 1.40GHz	566	1521	NA	NA
AMD Z-60 APU	560	1523	NA	NA
Intel Atom E3825 @ 1.33GHz	560	1522	NA	NA
Intel Pentium M 2.26GHz	558	1524	NA	NA
AMD Sempron M100	557	1525	NA	NA
Intel Celeron 560 @ 2.13GHz	555	1526	8.28	\$67.00*
AMD Sempron 3800+	553	1527	NA	NA
AMD C-60 APU	552	1528	NA	NA
Intel Core Duo U2400 @ 1.06GHz	550	1529	NA	NA
AMD Athlon 64 3400+	549	1530	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	1532	NA	NA
VIA Nano L2100@1800MHz	542	1531	NA	NA
AMD Athlon XP-M	541	1533	NA	NA
Intel Core Duo U2500 @ 1.20GHz	540	1534	NA	NA
Intel Pentium D 805 @ 2.66GHz	540	1535	NA	NA
Intel Pentium 4 3.73GHz	539	1536	NA	NA
AMD Athlon TF-36	538	1537	NA	NA
AMD Turion 64 X2 TL-52	537	1538	NA	NA
Intel Atom N2600 @ 1.60GHz	537	1539	NA	NA
AMD Turion 64 Mobile MT-40	536	1541	NA	NA
Intel U2400 @ 1.06GHz	536	1540	NA	NA
AMD Sempron LE-1600	535	1542	NA	NA
AMD Turion 64 Mobile ML-40	533	1543	NA	NA
AMD Athlon II Neo K145	532	1544	NA	NA
AMD Opteron 146	531	1545	8.85	\$59.99*
AMD Athlon 64 3500+	530	1546	12.93	\$41.00
AMD Sempron LE-1250	527	1548	18.18	\$28.99*
Intel Celeron 440 @ 2.00GHz	527	1547	NA	NA
Intel Pentium M 2.10GHz	526	1549	NA	NA
Intel Pentium M 2.13GHz	525	1550	NA	NA
Mobile AMD Sempron 3800+	523	1551	NA	NA
AMD Turion 64 Mobile MK-38	522	1552	NA	NA
Intel Atom N550 @ 1.50GHz	520	1553	NA	NA
VIA Nano L3025@1600MHz	517	1554	NA	NA
AMD G-T40N	516	1555	NA	NA
AMD Sempron LE-1200	513	1556	NA	NA
Mobile AMD Athlon XP-M	512	1557	NA	NA
AMD Opteron 144	511	1558	7.86	\$65.00*
Intel Xeon 3.60GHz	511	1559	NA	NA
Mobile AMD Athlon 64 3400+	511	1560	NA	NA
AMD Athlon 2850e	508	1563	NA	NA

Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
2-01	508	1561	NA	NA
Mobile AMD Athlon XP-M (LV)	508	1562	NA	NA
Intel Celeron 550 @ 2.00GHz	505	1565	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	1564	NA	NA
Intel Xeon 3.20GHz	503	1566	NA	NA
Intel Celeron 540 @ 1.86GHz	502	1567	NA	NA
Mobile AMD Athlon XP	501	1568	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	1569	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2805 @ 1.46GHz	499	1570	NA	NA
AMD Athlon MP 2800+	497	1571	NA	NA
AMD Athlon 64 3200+	496	1573	3.54	\$139.95*
Mobile AMD Athlon MP-M 2800+	496	1572	NA	NA
Intel U2500 @ 1.20GHz	495	1574	NA	NA
Intel Celeron 430 @ 1.80GHz	491	1576	12.29	\$39.95*
Intel Xeon 3.06GHz	491	1575	NA	NA
AMD Sempron LE-250	490	1577	NA	NA
Intel Pentium 4 3.80GHz	488	1578	NA	NA
Intel Pentium 4 3.46GHz	487	1579	NA	NA
Mobile AMD Athlon XP-M 3200+	487	1580	NA	NA
AMD Athlon 3100+	485	1582	NA	NA
AMD Turion 64 Mobile MT-37	485	1581	NA	NA
AMD Sempron 3300+	484	1584	15.62	\$30.99*
Intel Pentium M 756 @ 1.66GHz	484	1583	NA	NA
AMD Athlon XP 3100+	483	1585	NA	NA
AMD G-T40E	482	1586	NA	NA
Intel Celeron 530 @ 1.73GHz	481	1587	7.18	\$67.00*
Intel Celeron D 420 @ 1.60GHz	481	1588	NA	NA
AMD Athlon 3000+	480	1589	NA	NA
Intel Xeon 3.40GHz	478	1590	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	1591	NA	NA
AMD Opteron 248	476	1592	NA	NA
Intel Pentium M 2.00GHz	475	1593	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	1594	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	473	1595	NA	NA
Intel Core Solo T1400 @ 1.83GHz	472	1596	NA	NA
AMD Athlon II Neo K125	471	1597	NA	NA
Intel Celeron M 530 @ 1.73GHz	468	1598	NA	NA
AMD Athlon 64 3000+	466	1599	6.22	\$74.95*
AMD Athlon XP 2300+	464	1601	NA	NA
AMD Sempron 3600+	464	1600	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	463	1602	NA	NA
AMD Athlon 2400+	462	1604	NA	NA
AMD Athlon QI-46	462	1603	NA	NA
Mobile AMD Sempron 3300+	461	1605	NA	NA
AMD Athlon 2800+	460	1606	8.34	\$55.13*
AMD Athlon XP 2900+	459	1607	NA	NA
AMD Athlon 3200+	458	1608	4.63	\$98.95*
AMD C-50	458	1609	NA	NA
VIA Nano L1900@1400MHz	457	1610	NA	NA
Intel Celeron 743 @ 1.30GHz	455	1611	NA	NA
Intel Celeron 420 @ 1.60GHz	454	1612	3.24	\$139.99*
Mobile AMD Athlon 64 3000+	450	1613	NA	NA
AMD Turion 64 Mobile MK-36	449	1616	NA	NA
Intel Celeron M 450 @ 2.00GHz	449	1614	NA	NA
Intel Xeon 3.00GHz	449	1615	NA	NA
AMD Sempron 3100+	447	1617	5.77	\$77.44*
AMD Turion 64 Mobile ML-37	447	1618	2.27	\$196.50*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD C-60	445	1619	NA	NA
AMD Athlon 2600+	444	1620	14.54	\$30.53*
AMD Sempron 3400+	443	1621	22.15	\$20.00*
AMD Sempron 3500+	443	1622	NA	NA
AMD Sempron SI-42	443	1623	NA	NA
Mobile AMD Athlon 64 2800+	440	1625	NA	NA
Mobile AMD Athlon XP-M 3100+	440	1624	NA	NA
AMD Sempron LE-1100	439	1626	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	1627	NA	NA
Intel Pentium M 1.86GHz	438	1628	NA	NA
AMD Athlon 64 FX-51	437	1629	NA	NA
AMD Athlon MP 2400+	436	1631	NA	NA
AMD Athlon TF-20	436	1630	NA	NA
AMD Turion 64 Mobile ML-34	435	1634	NA	NA
Intel T1200 @ 1.50GHz	435	1632	NA	NA
Intel Xeon 2.66GHz	435	1633	NA	NA
AMD Athlon 64 2800+	434	1635	4.34	\$99.99*
AMD Athlon XP 3200+	433	1636	NA	NA

Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Sempron 3200+	431	1638	21.55	\$20.00*
Intel Xeon 2.80GHz	431	1637	NA	NA
AMD Sempron SI-40	430	1639	NA	NA
Intel Celeron M 520 @ 1.60GHz	429	1640	NA	NA
Mobile AMD Sempron 3600+	429	1641	NA	NA
AMD Opteron 142	428	1643	NA	NA
AMD Sempron LE-1150	428	1642	NA	NA
AMD Turion 64 Mobile ML-32	427	1644	NA	NA
Intel Pentium 4 3.60GHz	425	1645	NA	NA
AMD Turion 64 Mobile MT-32	424	1646	NA	NA
AMD Athlon 2650e	422	1647	42.20	\$10.00*
Intel U2700 @ 1.30GHz	421	1648	NA	NA
Mobile AMD Athlon 64 3200+	421	1649	NA	NA
Mobile AMD Sempron 3400+	421	1650	NA	NA
AMD Turion 64 Mobile MT-28	419	1651	NA	NA
Intel Celeron M 723 @ 1.20GHz	418	1653	NA	NA
Mobile AMD Sempron 3100+	418	1652	NA	NA
Intel Pentium M 1.70GHz	416	1654	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	1655	NA	NA
AMD Turion 64 Mobile MT-34	414	1656	NA	NA
Intel Pentium M 1.73GHz	414	1657	NA	NA
AMD Athlon 2100+	412	1658	NA	NA
Mobile AMD Sempron 3500+	412	1659	NA	NA
Intel Pentium N3530 @ 2.16GHz	409	1660	NA	NA
VIA Nano U3300@1200MHz	409	1661	NA	NA
AMD Sempron 3000+	406	1662	7.39	\$54.95*
Intel Core Solo T1350 @ 1.86GHz	405	1663	NA	NA
Intel Pentium 4 3.40GHz	405	1664	NA	NA
VIA Nano L2007@1600MHz	405	1665	NA	NA
Intel Celeron D 3.60GHz	404	1666	4.49	\$89.95*
AMD Athlon XP 2800+	403	1670	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 3000+	403	1669	5.22	\$77.27*
AMD K7	403	1667	NA	NA
AMD-K7	403	1668	NA	NA
Mobile AMD Sempron 2600+	403	1671	NA	NA
Intel Celeron 723 @ 1.20GHz	402	1672	NA	NA
Intel Celeron D 220 @ 1.20GHz	402	1673	NA	NA
AMD Athlon XP2200+	401	1676	NA	NA
AMD Turion 64 Mobile ML-30	401	1674	NA	NA
Intel Core Solo T1300 @ 1.66GHz	401	1675	NA	NA
AMD Turion 64 Mobile MT-30	398	1679	NA	NA
Mobile AMD Athlon 64 2700+	398	1677	NA	NA
Mobile AMD Athlon XP-M 2800+	398	1678	NA	NA
Mobile AMD Sempron 3000+	398	1680	NA	NA
Intel Atom D2500 @ 1.86GHz	397	1681	NA	NA
Intel Celeron M 1.70GHz	397	1682	NA	NA
AMD Opteron 140	396	1683	NA	NA
VIA Esther 2000MHz	394	1684	NA	NA
AMD Sempron 2100+	392	1685	NA	NA
AMD Athlon XP2400+	391	1687	NA	NA
Mobile AMD Athlon XP-M 2600+	391	1686	NA	NA
AMD Athlon 2000+	390	1689	NA	NA
AMD Turion 64 Mobile ML-28	390	1688	NA	NA
Intel Pentium M 1.80GHz	390	1690	NA	NA
Intel Celeron M 430 @ 1.73GHz	389	1691	NA	NA
Intel Celeron M 440 @ 1.86GHz	386	1692	NA	NA
Intel Pentium M 1700MHz	386	1693	NA	NA
Intel Pentium 4 3.20GHz	385	1694	NA	NA
AMD Sempron 2600+	383	1695	7.67	\$49.95*
Intel Atom Z550 @ 2.00GHz	381	1696	NA	NA
Mobile AMD Sempron 2800+	381	1697	NA	NA
AMD Athlon 64 FX-34	380	1699	NA	NA
AMD Sempron 2800+	380	1698	NA	NA
AMD Athlon XP 2700+	379	1700	4.47	\$84.79*
Mobile AMD Athlon MP-M 2000+	378	1701	NA	NA
AMD Sempron 210U	377	1703	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	1702	NA	NA
AMD Athlon XP 2600+	376	1704	16.33	\$23.03*
Intel Celeron M 1.60GHz	376	1706	NA	NA
Mobile AMD Athlon XP-M 2200+	376	1705	NA	NA
AMD Athlon 2500+	374	1707	13.81	\$27.09*
AMD Athlon 64 2600+	374	1708	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	1709	NA	NA
AMD Athlon Neo MV-40	370	1711	NA	NA
Mobile AMD Athlon 2500+	370	1710	NA	NA
Intel Pentium M 1.40GHz	369	1713	NA	NA
Intel Pentium M 1.60GHz	369	1714	NA	NA



Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 3.20GHz	369	1712	NA	NA
Mobile AMD Athlon XP-M 2500+	368	1715	NA	NA
VIA C7-D 2000MHz	368	1716	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP Pro3+	367	1717	NA	NA
Mobile AMD Athlon XP-M 3000+	365	1718	NA	NA
AMD Athlon 2200+	363	1720	5.19	\$69.99*
Mobile AMD Athlon 64 3700+	363	1719	NA	NA
Intel Celeron 807UE @ 1.00GHz	362	1721	NA	NA
Intel Pentium 4 3.00GHz	361	1722	NA	NA
AMD Athlon XP 2500+	360	1723	NA	NA
Intel Atom E3815 @ 1.46GHz	358	1726	NA	NA
Intel Celeron 3.33GHz	358	1725	NA	NA
Mobile AMD Athlon 4 2400+	358	1724	NA	NA
AMD E-240	357	1727	NA	NA
VIA Nano U2500@1200MHz	356	1728	NA	NA
AMD Athlon XP 2400+	354	1730	16.37	\$21.63*
Intel Pentium M 1500MHz	354	1729	NA	NA
Intel Pentium M 1600MHz	354	1731	NA	NA
AMD Athlon XP1900+	353	1732	NA	NA
Intel Atom N475 @ 1.83GHz	351	1733	NA	NA
Intel Pentium M 1.50GHz	350	1734	NA	NA
AMD Athlon 1700+	349	1736	NA	NA
Intel Celeron 215 @ 1.33GHz	349	1735	NA	NA
Intel Pentium 4 3.06GHz	349	1737	NA	NA
Mobile AMD Sempron 3200+	349	1738	NA	NA
AMD Sempron 2500+	348	1741	NA	NA
Intel Atom Z540 @ 1.86GHz	348	1739	NA	NA
Intel Celeron M 410 @ 1.46GHz	348	1740	NA	NA
Intel Celeron M 1.50GHz	347	1742	NA	NA
Intel Atom E680 @ 1.60GHz	346	1743	NA	NA
Intel Celeron 220 @ 1.20GHz	345	1744	NA	NA
Mobile Intel Pentium 4 2.80GHz	345	1745	NA	NA
AMD Athlon XP 1700	344	1746	NA	NA
Intel Pentium M 1.30GHz	343	1748	NA	NA
Mobile AMD Athlon XP-M 2400+	343	1747	NA	NA
Intel Celeron M 420 @ 1.60GHz	342	1750	NA	NA
Mobile AMD Athlon XP-M 1900+	342	1749	NA	NA
AMD Athlon XP 2100+	340	1751	NA	NA
VIA Nano L2207@1600MHz	340	1752	NA	NA
AMD Athlon MP 1700+	339	1753	NA	NA
Intel Pentium III 1400MHz	336	1754	NA	NA
Mobile Intel Pentium 4 3.06GHz	336	1755	NA	NA
Intel Atom D425 @ 1.80GHz	335	1756	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	1757	NA	NA
AMD Athlon XP 2200+	331	1761	3.90	\$84.95*
Intel Atom N470 @ 1.83GHz	331	1759	NA	NA
Intel Celeron D 3.46GHz	331	1760	NA	NA
Intel Pentium 4 2.80GHz	331	1758	NA	NA
Intel Celeron M 1.40GHz	328	1762	NA	NA
Intel Celeron D 3.33GHz	327	1764	NA	NA
Mobile AMD Athlon 1800+	327	1763	NA	NA
Intel Core Solo U1500 @ 1.33GHz	326	1765	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 1400MHz	325	1766	NA	NA
Intel Pentium M 1400MHz	324	1767	NA	NA
Mobile AMD Athlon XP-M 1700+	323	1768	NA	NA
AMD Athlon XP2000+	322	1769	NA	NA
Intel Atom D410 @ 1.66GHz	321	1773	0.50	\$635.99*
Intel Atom N2100 @ 1.60GHz	321	1772	NA	NA
Intel Celeron M 1500MHz	321	1771	NA	NA
Intel Pentium III family 1400MHz	321	1770	NA	NA
AMD Sempron 2400+	320	1774	14.55	\$22.00*
Intel Celeron M 1.30GHz	319	1775	NA	NA
Intel Pentium 4 Family 2.53GHz	319	1776	NA	NA
AMD Athlon 1500+	317	1777	NA	NA
AMD Sempron 2300+	317	1778	NA	NA
AMD C-30	315	1779	NA	NA
Intel Core N270 @ 1.60GHz	315	1780	NA	NA
Mobile AMD Athlon 4	314	1781	3.61	\$86.99*
Intel Celeron D 3.20GHz	313	1782	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	1783	NA	NA
Mobile AMD Athlon XP-M 1800+	312	1784	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	1786	NA	NA
Intel Pentium III - S 1400MHz	311	1785	NA	NA
AMD Athlon XP 1800+	310	1787	5.26	\$58.95*
Intel Pentium III - S 1266MHz	309	1789	NA	NA

Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1333MHz	309	1788	NA	NA
AMD Athlon XP 2000+	308	1790	7.70	\$39.99*
Intel Pentium 4 2.93GHz	308	1791	NA	NA
Mobile AMD Athlon XP-M 2000+	307	1792	NA	NA
AMD Athlon	306	1796	NA	NA
Intel N270 @ 1.60GHz	306	1795	NA	NA
Intel Pentium M 1.20GHz	306	1793	NA	NA
VIA Nano U3500@1000MHz	306	1794	NA	NA
AMD Athlon XP 1900+	303	1798	NA	NA
AMD G-T52R	303	1799	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	303	1797	NA	NA
Intel Celeron 1400MHz	302	1800	NA	NA
Intel Celeron M 1300MHz	301	1801	NA	NA
Intel U1400 @ 1.20GHz	301	1802	NA	NA
AMD Athlon XP1800+	300	1804	NA	NA
Intel Pentium M 1300MHz	300	1803	NA	NA
AMD Athlon MP 1800+	299	1806	NA	NA
AMD Sempron 2200+	299	1805	9.97	\$29.99*
AMD Athlon L110	298	1807	NA	NA
Intel Celeron 3.06GHz	297	1808	NA	NA
Intel Pentium 4 2.60GHz	296	1811	NA	NA
Intel Pentium III family 1133MHz	296	1810	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	1809	NA	NA
Mobile AMD Athlon MP-M 2400+	295	1812	NA	NA
Intel Atom 230 @ 1.60GHz	294	1814	NA	NA
Mobile Intel Celeron 1200MHz	294	1813	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1.10GHz	293	1815	NA	NA
AMD Geode NX 1750	291	1816	NA	NA
Intel Atom N280 @ 1.66GHz	291	1817	NA	NA
Intel Atom N455 @ 1.66GHz	290	1820	NA	NA
Intel Celeron 1333MHz	290	1818	NA	NA
Intel Pentium 4 Family 2.40GHz	290	1819	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	1822	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	1821	NA	NA
686 Gen	288	1826	NA	NA
AMD Athlon 7850 Dual-Core 2.8G	288	1824	NA	NA
Intel Celeron 1300MHz	288	1823	NA	NA
Intel Pentium M 1200MHz	288	1827	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	1825	NA	NA
AMD Athlon XP2100+	287	1831	NA	NA
Intel Atom N450 @ 1.66GHz	287	1832	NA	NA
Intel Celeron D 3.06GHz	287	1829	NA	NA
Intel Xeon 2.40GHz	287	1830	31.54	\$9.10*
VIA C7-D 1500MHz	287	1828	NA	NA
Intel Celeron 2.93GHz	285	1833	NA	NA
Intel Pentium III 1133MHz	284	1834	NA	NA
VIA C7 1500MHz	284	1835	NA	NA
AMD Athlon XP 1500	282	1837	NA	NA
Intel Atom N270 @ 1.60GHz	282	1838	NA	NA
Intel Celeron 1133MHz	282	1836	NA	NA
Intel Celeron 3.20GHz	282	1839	NA	NA
AMD Athlon XP1600+	281	1842	NA	NA
Intel Atom Z530 @ 1.60GHz	281	1841	NA	NA
Mobile Intel Celeron 2.50GHz	281	1840	NA	NA
AMD Athlon 4	279	1843	4.96	\$56.23
Mobile Intel Pentium 4 2.66GHz	279	1844	NA	NA
Mobile Intel Pentium III - M 1200MHz	279	1845	NA	NA
Intel Pentium III 1200MHz	278	1847	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	1846	6.38	\$43.56*
Intel Celeron M 1200MHz	275	1848	NA	NA
Intel U1300 @ 1.06GHz	275	1849	NA	NA
Intel Xeon 2.00GHz	275	1850	NA	NA
Intel Celeron M 443 @ 1.20GHz	274	1852	NA	NA
Intel Pentium III Mobile 1200MHz	274	1851	NA	NA
Intel Atom E660 @ 1.30GHz	271	1853	NA	NA
Intel Pentium III family 1266MHz	270	1854	NA	NA
AMD Athlon XP 1700+	269	1855	NA	NA
Intel Pentium 4 2.50GHz	268	1856	NA	NA
Intel Pentium III Mobile 1066MHz	268	1857	NA	NA
AMD Sempron 200U	267	1858	NA	NA
Mobile AMD Athlon 1400+	266	1859	NA	NA
Mobile AMD Athlon MP-M 1800+	265	1862	NA	NA
Mobile AMD Sempron 2100+	265	1860	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	265	1861	NA	NA
AMD Geode NX	264	1864	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.40GHz	264	1863	NA	NA
Intel Celeron 1200MHz	263	1865	NA	NA
Intel Celeron 2.80GHz	262	1866	NA	NA
Intel Pentium 4 2.66GHz	261	1867	NA	NA
Mobile AMD Athlon XP-M 1500+	261	1868	NA	NA
Intel Core Solo U1400 @ 1.20GHz	260	1869	NA	NA
Intel Celeron 1066MHz	259	1871	NA	NA
Intel Celeron 2.66GHz	259	1872	NA	NA
Intel Pentium M 1100MHz	259	1870	NA	NA
Mobile AMD Athlon XP-M 1600+	257	1873	NA	NA
Intel Core Z520 @ 1.33GHz	256	1874	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	1875	NA	NA
Intel Celeron 2.53GHz	254	1876	NA	NA
Mobile Intel Celeron 2.20GHz	253	1877	NA	NA
AMD G-T44R	252	1879	NA	NA
Intel Atom Z670 @ 1.50GHz	252	1880	NA	NA
Intel Celeron 2.50GHz	252	1881	NA	NA
Intel XEON 2.20GHz	252	1878	NA	NA
Intel Pentium III Mobile 1133MHz	251	1882	NA	NA
Intel Pentium 4 2.53GHz	250	1885	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	1884	NA	NA
VIA Esther 1300MHz	250	1883	NA	NA
AMD Athlon XP 1500+	249	1887	NA	NA
AMD Athlon XP 1600+	249	1886	NA	NA
Intel Celeron M 1.00GHz	247	1888	NA	NA
Intel Pentium M 1000MHz	247	1889	NA	NA
AMD V105	246	1890	NA	NA
Intel Celeron 2.70GHz	245	1891	NA	NA
Intel Pentium III Mobile 1000MHz	245	1892	NA	NA
Intel Celeron 2.10GHz	244	1893	NA	NA
Intel Celeron 2.60GHz	243	1894	NA	NA
Intel Celeron 1000MHz	241	1896	NA	NA
Mobile Intel Celeron 2.00GHz	241	1895	NA	NA
Intel Celeron 2.13GHz	240	1897	NA	NA
Mobile Intel Celeron 2.40GHz	239	1898	NA	NA
Intel Pentium III - S 933MHz	238	1899	NA	NA
Intel Atom N435 @ 1.33GHz	235	1900	NA	NA
AMD Athlon XP1700+	234	1901	NA	NA
Intel Pentium 4 2.40GHz	234	1902	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	1903	NA	NA
AMD Athlon MP	230	1904	8.96	\$25.68*
Intel Celeron 2.26GHz	227	1905	NA	NA
Intel Celeron 2.30GHz	226	1906	NA	NA
Intel Celeron 2.40GHz	226	1908	NA	NA
Mobile Intel Pentium III - M 933MHz	226	1907	NA	NA
Intel Pentium 4 2.26GHz	225	1909	NA	NA
VIA C7-M 6300MHz	222	1910	NA	NA
Intel Atom Z520 @ 1.33GHz	221	1912	NA	NA
Mobile Intel Pentium 4 - M 1.80GHz	221	1911	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 900MHz	220	1915	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	220	1913	NA	NA
VIA C7-M 1600MHz	220	1914	NA	NA
VIA Esther 1500MHz	219	1916	NA	NA
Intel Atom Z515 @ 1.20GHz	218	1917	NA	NA
Intel Pentium III Mobile 933MHz	218	1918	NA	NA
Intel Pentium 4 2.20GHz	217	1919	NA	NA
Intel Celeron 2.20GHz	215	1920	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	215	1921	NA	NA
Intel Pentium III Mobile 866MHz	214	1922	NA	NA
Intel Pentium 4 Mobile 2.00GHz	211	1924	NA	NA
Mobile Intel Pentium III - M 866MHz	211	1923	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	1925	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	1926	NA	NA
Intel Celeron M 900MHz	206	1927	NA	NA
VIA Nehemiah	205	1928	NA	NA
Intel Pentium III Mobile 800MHz	201	1929	NA	NA
VIA C7-D 1800MHz	200	1930	NA	NA
Intel Pentium 4 Mobile 1.60GHz	199	1931	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	1932	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	1933	NA	NA
Intel Atom Z510 @ 1.10GHz	194	1934	4.31	\$45.00*
Intel Pentium 4 1600MHz	193	1937	NA	NA
Intel Xeon 1500MHz	193	1935	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	193	1936	NA	NA
Intel Pentium 4 2.00GHz	191	1938	NA	NA
Mobile Intel Celeron 1.50GHz	188	1940	NA	NA
Mobile Intel Celeron 1.60GHz	188	1939	NA	NA

Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Celeron 2.00GHz	187	1941	NA	NA
Mobile Intel Celeron 1.80GHz	186	1942	NA	NA
Intel Celeron M 800MHz	184	1943	NA	NA
Intel Pentium 4 4.00GHz	184	1945	NA	NA
Mobile AMD Athlon XP-M 1400+	184	1944	NA	NA
Mobile Intel Celeron 1.70GHz	181	1946	NA	NA
Intel Pentium 4 1800MHz	175	1947	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	1948	NA	NA
Intel Pentium 4 1.90GHz	174	1949	NA	NA
Intel Celeron 1100MHz	173	1950	NA	NA
Mobile Intel Celeron 1.20GHz	170	1951	NA	NA
Intel Pentium 4 1700MHz	169	1953	NA	NA
VIA Esther 1000MHz	169	1952	NA	NA
Intel Pentium 4 1.40GHz	164	1955	NA	NA
VIA C7-M 1000MHz	164	1954	NA	NA
Intel Pentium 4 1.80GHz	160	1956	NA	NA
VIA Eden 800MHz	155	1957	NA	NA
VIA C7-M 1200MHz	154	1958	NA	NA
Intel Celeron M 600MHz	151	1959	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	1960	NA	NA
Intel Celeron 600MHz	147	1961	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Z510 @ 1.10GHz	144	1962	NA	NA
Intel Celeron 1.80GHz	141	1963	NA	NA
Intel Pentium 4 1.60GHz	138	1964	NA	NA
Intel Pentium 4 1.50GHz	136	1965	NA	NA
Intel Celeron 1.70GHz	130	1967	NA	NA
Intel Pentium 4 1.70GHz	130	1966	NA	NA
Intel Pentium 4 1400MHz	127	1968	NA	NA
Intel Pentium 4 1500MHz	124	1969	NA	NA
Intel Pentium 4 1300MHz	118	1970	NA	NA
AMD Athlon 64 2000+	116	1971	NA	NA
AMD-K6-III	108	1972	NA	NA
Intel Pentium III Mobile 750MHz	103	1973	NA	NA
VIA C3 Ezra	100	1974	NA	NA
AMD-K6 3D	90	1975	NA	NA
VIA Samuel 2	79	1976	NA	NA

\* - Last price seen from our affiliates.

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### Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Athlon	742	195	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	3364	159	3.37	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	198	NA	NA
[Dual CPU] AMD Opteron 2212	2150	181	NA	NA
[Dual CPU] AMD Opteron 2214 HE	2310	178	NA	NA
[Dual CPU] AMD Opteron 2216	2536	174	NA	NA
[Dual CPU] AMD Opteron 2216 HE	2593	172	NA	NA
[Dual CPU] AMD Opteron 2218	2430	176	62.31	\$39.00*
[Dual CPU] AMD Opteron 2218 HE	2397	177	NA	NA
[Dual CPU] AMD Opteron 2220	2890	167	96.33	\$30.00*
[Dual CPU] AMD Opteron 2222	2929	166	NA	NA
[Dual CPU] AMD Opteron 2222 SE	3303	160	NA	NA
[Dual CPU] AMD Opteron 2350	4421	149	8.19	\$539.98*
[Dual CPU] AMD Opteron 2354	4243	153	NA	NA
[Dual CPU] AMD Opteron 2356	4946	143	8.66	\$571.04
[Dual CPU] AMD Opteron 2360 SE	5334	135	NA	NA
[Dual CPU] AMD Opteron 2376	5358	134	NA	NA
[Dual CPU] AMD Opteron 2378	5559	132	15.53	\$358.00*
[Dual CPU] AMD Opteron 2380	5726	126	7.32	\$782.12*
[Dual CPU] AMD Opteron 2384	5641	130	NA	NA
[Dual CPU] AMD Opteron 2387	6427	116	NA	NA
[Dual CPU] AMD Opteron 2389	5122	140	NA	NA
[Dual CPU] AMD Opteron 2419	5571	131	127.54	\$43.68*
[Dual CPU] AMD Opteron 2425 HE	6260	120	NA	NA
[Dual CPU] AMD Opteron 2427	6345	117	19.68	\$322.46*
[Dual CPU] AMD Opteron 2435	7618	103	NA	NA
[Dual CPU] AMD Opteron 2439 SE	8152	91	NA	NA
[Dual CPU] AMD Opteron 246	955	190	NA	NA
[Dual CPU] AMD Opteron 248	1222	188	NA	NA
[Dual CPU] AMD Opteron 250	1407	187	8.12	\$173.34*

Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 252	1524	186	25.41	\$59.98*
[Dual CPU] AMD Opteron 256	1853	185	NA	NA
[Dual CPU] AMD Opteron 270	2035	183	8.51	\$239.26*
[Dual CPU] AMD Opteron 275	2101	182	95.50	\$22.00*
[Dual CPU] AMD Opteron 280	2551	173	70.86	\$36.00*
[Dual CPU] AMD Opteron 285	2762	169	NA	NA
[Dual CPU] AMD Opteron 290	3001	163	11.11	\$270.00*
[Dual CPU] AMD Opteron 4122	4076	155	8.15	\$499.90*
[Dual CPU] AMD Opteron 4184	7902	95	9.90	\$797.90*
[Dual CPU] AMD Opteron 4226	7907	94	16.20	\$487.98*
[Dual CPU] AMD Opteron 4234	9479	69	22.96	\$412.84*
[Dual CPU] AMD Opteron 4284	6506	114	9.10	\$714.60*
[Dual CPU] AMD Opteron 4386	12731	40	18.45	\$689.98
[Dual CPU] AMD Opteron 6128	6748	111	7.37	\$915.00*
[Dual CPU] AMD Opteron 6132 HE	8657	81	NA	NA
[Dual CPU] AMD Opteron 6136	8054	92	5.45	\$1,476.58*
[Dual CPU] AMD Opteron 6168	7741	100	9.96	\$777.00
[Dual CPU] AMD Opteron 6180 SE	3114	161	NA	NA
[Dual CPU] AMD Opteron 6212	8797	78	13.96	\$630.00*
[Dual CPU] AMD Opteron 6220	10269	63	9.25	\$1,109.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6234	10504	60	13.13	\$799.98*
[Dual CPU] AMD Opteron 6272	9707	67	11.56	\$840.00
[Dual CPU] AMD Opteron 6274	10729	57	6.75	\$1,589.98*
[Dual CPU] AMD Opteron 6276	11208	54	10.89	\$1,029.00*
[Dual CPU] AMD Opteron 6328	11933	49	12.43	\$959.98*
[Dual CPU] AMD Opteron 6344	12104	46	13.45	\$899.98
[Dual CPU] AMD Opteron 6348	12180	45	9.37	\$1,299.98
[Dual CPU] AMD Opteron 8380	5643	129	NA	NA
[Dual CPU] AMD Opteron 8435	7846	97	NA	NA
[Dual CPU] AMD Opteron 8439 SE	8215	88	NA	NA
[Dual CPU] AMD Opteron 885	2851	168	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	179	NA	NA
[Dual CPU] Intel 000 @ 2.53GHz	10416	61	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	8636	82	2.33	\$3,699.90*
[Dual CPU] Intel E2697V @ 2.70GHz	22630	7	NA	NA
[Dual CPU] Intel Pentium III - S 1400MHz	542	201	NA	NA
[Dual CPU] Intel Pentium III family 1133MHz	450	206	NA	NA
[Dual CPU] Intel Pentium III family 1400MHz	542	202	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	207	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	205	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	495	204	27.20	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	199	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	679	196	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	778	194	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	621	197	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	899	192	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	897	193	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	904	191	NA	NA
[Dual CPU] Intel Xeon 3.73GHz	1949	184	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	981	189	NA	NA
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2158	180	9.72	\$222.04*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2472	175	4.66	\$530.00*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2617	171	3.63	\$719.98*
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2952	165	NA	NA
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	3063	162	103.06	\$29.72*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3506	158	105.16	\$33.34*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3909	156	NA	NA
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	5988	123	15.28	\$391.98*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7371	106	12.73	\$579.00*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	12345	44	14.95	\$825.98*
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13613	36	11.88	\$1,145.98
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6247	121	14.87	\$419.98
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8262	87	13.77	\$599.98
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	9124	73	15.09	\$604.80
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12565	42	15.32	\$819.98
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13644	35	16.56	\$824.06
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	14080	33	11.45	\$1,229.98
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15752	26	12.27	\$1,283.98
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11980	48	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 E5-2637 v2 @ 3.50GHz	15777	25	NA	NA
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14846	29	8.25	\$1,799.98
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	15373	27	8.69	\$1,768.66
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13206	38	NA	NA
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21033	9	NA	NA



Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15280	28	6.79	\$2,251.98
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19587	16	8.43	\$2,323.20
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14308	30	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	17244	22	6.31	\$2,733.98
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	20462	13	6.82	\$2,999.98
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17820	19	5.91	\$3,015.98*
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17060	23	5.50	\$3,104.00*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	25099	1	NA	NA
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	19126	17	5.86	\$3,262.00*
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20685	11	6.27	\$3,299.98
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18794	18	5.32	\$3,535.98*
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	22644	6	6.62	\$3,419.62
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	21177	8	5.54	\$3,825.98
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	24572	3	5.88	\$4,178.66
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	20362	14	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	20713	10	4.96	\$4,171.98
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23973	4	5.58	\$4,299.98
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20637	12	4.36	\$4,737.98
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	24781	2	NA	NA
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23878	5	4.61	\$5,175.98
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19996	15	2.56	\$7,799.98*
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3667	157	23.17	\$158.28*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4324	151	7.23	\$597.90*
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4557	146	3.51	\$1,299.90*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5292	137	13.47	\$392.84*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5327	136	21.65	\$246.00*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6119	122	25.71	\$238.00*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6456	115	7.29	\$886.10*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6988	110	16.18	\$431.98*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7421	104	9.78	\$758.84*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7778	98	3.67	\$2,117.90*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7378	105	14.41	\$511.98*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7987	93	3.63	\$2,197.90*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2710	170	6.58	\$411.98*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	5036	141	11.45	\$440.00*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5289	138	11.19	\$472.50*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5681	127	9.97	\$569.98*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7629	102	40.37	\$189.00*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7758	99	6.21	\$1,249.98*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	8169	90	45.38	\$180.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4231	154	10.47	\$403.98*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5680	128	5.65	\$1,005.18*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5366	133	9.48	\$565.98*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8305	86	16.48	\$504.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8876	76	7.69	\$1,153.98*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8712	80	8.06	\$1,081.50*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10571	59	9.79	\$1,079.98
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	11180	55	13.65	\$819.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	17541	20	NA	NA
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	148	NA	NA
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4470	147	17.05	\$262.12*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4991	142	NA	NA
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5229	139	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6274	119	8.27	\$758.84*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6627	112	8.58	\$772.00*
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	7182	108	5.52	\$1,299.98*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9556	68	NA	NA
[Dual CPU] Intel Xeon MP 2.50GHz	550	200	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	203	NA	NA
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	8937	75	2.69	\$3,319.98*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10807	56	3.34	\$3,235.98*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	62	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4788	145	2.81	\$1,702.00*
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4842	144	5.63	\$859.90*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5879	124	6.00	\$980.00*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6284	118	22.18	\$283.36*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7686	101	4.51	\$1,704.00*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	8185	89	4.09	\$1,999.98*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8747	79	NA	NA
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7866	96	4.66	\$1,689.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8567	83	3.35	\$2,558.00*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	9081	74	3.26	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	9252	72	46.38	\$199.50*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9470	70	3.78	\$2,503.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9773	65	40.72	\$240.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	10066	64	4.17	\$2,415.00*

Compare the performance of up to three different CPUs.

Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[CPU] Intel Xeon X5650 @ 2.67GHz	11791	50	36.85	\$320.00
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	12353	43	12.37	\$998.32*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8809	77	3.06	\$2,880.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12847	39	17.48	\$735.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	9391	71	NA	NA
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	13233	37	5.87	\$2,255.98
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13674	34	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	14148	32	7.70	\$1,837.50*
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11772	51	NA	NA
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	14264	31	5.03	\$2,835.00*
[Dual CPU] QEMU Virtual version (cpu64-rhel6)	2969	164	NA	NA
[Dual CPU] Quad-Core AMD Opteron 2352	4378	150	NA	NA
[Dual CPU] Quad-Core AMD Opteron 8350	4290	152	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5746	125	NA	NA
[Quad CPU] AMD Opteron 6136	9767	66	3.31	\$2,953.16*
[Quad CPU] AMD Opteron 6272	12587	41	7.49	\$1,680.00
[Quad CPU] AMD Opteron 6278	12055	47	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] AMD Opteron 8425 HE	7359	107	NA	NA
[Quad CPU] AMD Opteron 8431	8352	85	NA	NA
[Quad CPU] AMD Opteron 8435	6597	113	NA	NA
[Quad CPU] AMD Opteron 8439 SE	8524	84	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	24	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	21	1.50	\$11,539.96
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	10604	58	NA	NA
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	52	NA	NA
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	11247	53	5.27	\$2,135.96
[Quad CPU] Quad-Core AMD Opteron 8356	7170	109	NA	NA

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