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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	17516	1	6.79	\$2,579.99
Intel Xeon E5-2690 v2 @ 3.00GHz	17304	2	8.49	\$2,038.77
Intel Xeon E5-2695 v2 @ 2.40GHz	17231	3	7.45	\$2,313.99
Intel Xeon E5-2687W v2 @ 3.40GHz	16590	4	7.94	\$2,089.99
Intel Xeon E5-2667 v2 @ 3.30GHz	16403	5	7.46	\$2,197.99*
Intel Xeon E5-2680 v2 @ 2.80GHz	16305	6	10.53	\$1,548.59
Intel Xeon E5-2670 v2 @ 2.50GHz	14638	7	9.51	\$1,539.99
Intel Xeon E5-2687W @ 3.10GHz	14529	8	7.60	\$1,912.99
Intel Xeon E5-2690 @ 2.90GHz	14319	9	6.86	\$2,085.99
Intel Core i7-4960X @ 3.60GHz	14069	10	13.40	\$1,049.99
Intel Xeon E5-2689 @ 2.60GHz	13897	11	NA	NA
Intel Xeon E5-2660 v2 @ 2.20GHz	13828	12	9.95	\$1,389.99
Intel Xeon E5-2658 v2 @ 2.40GHz	13678	13	NA	NA
Intel Xeon E5-1660 v2 @ 3.70GHz	13450	14	12.50	\$1,075.82*
Intel Xeon E5-2680 @ 2.70GHz	13230	15	7.48	\$1,767.99
Intel Core i7-4930K @ 3.40GHz	13193	16	22.75	\$579.99
Intel Xeon E5-2650 v2 @ 2.60GHz	13036	17	11.22	\$1,161.77
Intel Xeon E5-2670 @ 2.60GHz	12867	18	8.07	\$1,593.99
Intel Core i7-3970X @ 3.50GHz	12809	19	12.81	\$999.99*
Intel Core i7-3960X @ 3.30GHz	12752	20	11.92	\$1,069.99*
Intel Xeon E5-1660 @ 3.30GHz	12568	21	11.30	\$1,111.99
Intel Xeon E5-1650 v2 @ 3.50GHz	12459	22	19.49	\$639.12
Intel Xeon E5-2665 @ 2.40GHz	12348	23	8.24	\$1,497.99
Intel Core i7-3930K @ 3.20GHz	12136	24	20.23	\$599.99
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 E5-2643 v2 @ 3.50GHz	11735	27	7.18	\$1,635.21
Intel Xeon E5-1650 @ 3.20GHz	11622	28	19.05	\$609.99
Intel Core i7-4790K @ 4.00GHz	11337	29	33.35	\$339.99
Intel Xeon E5-2470 @ 2.30GHz	11149	30	7.53	\$1,479.99*
Intel Xeon E3-1276 v3 @ 3.60GHz	10570	31	30.12	\$351.00*
Intel Xeon E5-2630 v2 @ 2.60GHz	10495	32	17.21	\$609.99
Intel Xeon E5-2667 @ 2.90GHz	10482	33	6.75	\$1,552.00*
Intel Xeon E5-2650 @ 2.00GHz	10444	34	9.28	\$1,125.99
Intel Xeon E3-1280 v3 @ 3.60GHz	10420	35	17.03	\$612.00*
Intel Core i7-4770R @ 3.20GHz	10335	36	NA	NA
Intel Core i7-4980HQ @ 2.80GHz	10293	37	NA	NA
Intel Core i7-4770K @ 3.50GHz	10281	38	31.59	\$325.51
AMD FX-9590 Eight-Core	10277	39	34.26	\$299.99
Intel Core i7-4790 @ 3.60GHz	10211	40	33.48	\$304.98
Intel Xeon E3-1246 v3 @ 3.50GHz	10183	41	35.86	\$284.00*
Intel Xeon E5-2640 v2 @ 2.00GHz	10132	42	11.78	\$859.99
Intel Core i7-4771 @ 3.50GHz	10026	43	31.83	\$314.99
Intel Core i7-4960HQ @ 2.60GHz	10022	44	16.09	\$623.00*
Intel Xeon E3-1270 v3 @ 3.50GHz	10005	45	29.87	\$334.99
Intel Core i7-4770 @ 3.40GHz	9930	46	33.21	\$299.00
Intel Xeon E3-1290 V2 @ 3.70GHz	9930	47	11.22	\$885.00*
Intel Core i7-4790S @ 3.20GHz	9886	48	33.51	\$294.99
Intel Core i7-4820K @ 3.70GHz	9862	49	30.35	\$324.99
Intel Core i7-4910MQ @ 2.90GHz	9851	50	17.28	\$570.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1280 V2 @ 3.60GHz	9795	51	15.19	\$644.99*
Intel Xeon E3-1231 v3 @ 3.40GHz	9743	52	38.51	\$252.99

Compare the performance of up to three different CPUs.

CPU 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	9737	53	34.78	\$279.99
Intel Xeon W3690 @ 3.47GHz	9735	54	7.22	\$1,348.88*
Intel Core i7-4940MX @ 3.10GHz	9711	55	8.86	\$1,096.00*
Intel Xeon E5-2658 @ 2.10GHz	9667	56	10.74	\$899.95*
Intel Xeon E3-1275 v3 @ 3.50GHz	9655	57	26.82	\$359.99
Intel Xeon E5-2640 @ 2.50GHz	9652	58	10.73	\$899.99
AMD FX-9370 Eight-Core	9647	59	41.95	\$229.99
Intel Core i7-3770K @ 3.50GHz	9643	60	29.67	\$324.99
Intel Xeon E3-1270 V2 @ 3.50GHz	9635	61	28.34	\$339.99
Intel Xeon E5-2440 @ 2.40GHz	9628	NA	NA	NA
Intel Xeon E3-1245 v3 @ 3.40GHz	9550	62	33.05	\$288.99
Intel Core i7-4790T @ 2.70GHz	9545	63	NA	NA
Intel Core i7-4870HQ @ 2.50GHz	9526	64	NA	NA
Intel Xeon E3-1275 V2 @ 3.50GHz	9521	65	27.21	\$349.99
Intel Core i7-4770S @ 3.10GHz	9520	66	31.22	\$305.00
Intel Core i7-4930MX @ 3.00GHz	9491	67	8.66	\$1,096.00*
Intel Xeon E5-1620 v2 @ 3.70GHz	9489	68	27.27	\$347.99*
Intel Xeon E3-1230 v3 @ 3.30GHz	9422	69	37.69	\$249.99
Intel Core i7-3770 @ 3.40GHz	9391	70	31.73	\$295.98
Intel Core i7 X 990 @ 3.47GHz	9369	71	7.24	\$1,295.00*
Intel Xeon E5-2637 v2 @ 3.50GHz	9313	72	8.86	\$1,050.60*
Intel Xeon E3-1240 V2 @ 3.40GHz	9311	73	36.32	\$256.36
Intel Core i7-4860HQ @ 2.40GHz	9295	74	NA	NA
Intel Core i7-4850HQ @ 2.30GHz	9289	75	21.41	\$434.00*
Intel Xeon X5680 @ 3.33GHz	9275	76	10.10	\$918.75*
Intel Xeon W3680 @ 3.33GHz	9274	77	10.30	\$899.99*
Intel Xeon X5690 @ 3.47GHz	9258	78	6.53	\$1,417.50*
Intel Core i7-3920XM @ 2.90GHz	9210	79	8.40	\$1,096.00*
Intel Core i7-3940XM @ 3.00GHz	9186	80	16.70	\$549.99*
Intel Core i7-4900MQ @ 2.80GHz	9150	81	15.51	\$589.99
Intel Xeon E5-1620 @ 3.60GHz	9131	82	26.09	\$349.99
AMD Opteron 6282 SE	9116	83	8.36	\$1,089.99*
Intel Core i7-3840QM @ 2.80GHz	9053	84	21.10	\$429.00*
Intel Xeon E3-1245 V2 @ 3.40GHz	9026	85	34.32	\$262.99
AMD FX-8350 Eight-Core	9024	86	50.14	\$179.99
Intel Core i7-3820 @ 3.60GHz	9023	87	28.65	\$314.99
Intel Core i7-3770S @ 3.10GHz	8983	88	28.98	\$309.98
Intel Core i7 X 980 @ 3.33GHz	8940	89	9.62	\$929.00*
AMD Opteron 6276	8932	NA	17.36	\$514.50*
Intel Core i7-2700K @ 3.50GHz	8923	90	25.50	\$349.99
Intel Xeon E5-2630 @ 2.30GHz	8904	91	14.36	\$619.99
Intel Core i7-4770T @ 2.50GHz	8890	92	NA	NA
Intel Xeon E3-1265L v3 @ 2.50GHz	8859	93	25.31	\$349.99
Intel Xeon E3-1230 V2 @ 3.30GHz	8849	94	39.33	\$224.99
Intel Core i7 980 @ 3.33GHz	8816	95	11.03	\$798.95*
Intel Core i7-4810MQ @ 2.80GHz	8746	96	23.14	\$378.00*
Intel Xeon E5-2420 v2 @ 2.20GHz	8738	97	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1290 @ 3.60GHz	8704	98	9.84	\$885.00*
Intel Xeon X5675 @ 3.07GHz	8695	99	5.80	\$1,497.99*
Intel Xeon W3670 @ 3.20GHz	8648	100	14.46	\$597.99*
Intel Xeon E5-2620 v2 @ 2.10GHz	8613	101	20.89	\$412.27
Intel Core i7-4800MQ @ 2.70GHz	8609	102	22.84	\$376.95*
Intel Core i7-2600K @ 3.40GHz	8589	103	24.52	\$350.39
Intel Core i7-3820QM @ 2.70GHz	8542	104	14.17	\$602.97*
Intel Core i7 970 @ 3.20GHz	8525	105	13.12	\$649.95*
Intel Xeon E3-1280 @ 3.50GHz	8502	106	13.08	\$649.99*
Intel Xeon E5-2643 @ 3.30GHz	8464	107	NA	NA
Intel Core i7-3740QM @ 2.70GHz	8452	108	21.67	\$389.99*
AMD Opteron 6376	8442	NA	12.06	\$699.99
Intel Core i7-3720QM @ 2.60GHz	8325	109	20.71	\$401.89*
Intel Xeon E3-1270 @ 3.40GHz	8313	110	23.62	\$351.99*
Intel Core i7-2600 @ 3.40GHz	8290	111	19.28	\$429.95
Intel Core i7-3770T @ 2.50GHz	8282	112	28.17	\$294.00*
Intel Xeon X5670 @ 2.93GHz	8275	113	26.90	\$307.60*
Intel Xeon E3-1265L V2 @ 2.50GHz	8187	114	25.65	\$319.19*
Intel Xeon E3-1240 @ 3.30GHz	8147	115	30.75	\$264.99*
Intel Xeon X5660 @ 2.80GHz	8135	116	40.68	\$200.00
AMD Opteron 6328	8132	NA	13.22	\$614.99
Intel Core i7-4710MQ @ 2.50GHz	8122	118	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8122	117	NA	NA
AMD FX-8320 Eight-Core	8087	119	50.55	\$159.99
Intel Core i7-4712HQ @ 2.30GHz	8070	120	NA	NA
Intel Xeon E3-1230 @ 3.20GHz	8023	121	33.43	\$239.99
Intel Xeon E3-1245 @ 3.30GHz	8012	122	31.42	\$255.00*
Intel Core i7-4710HQ @ 2.50GHz	7993	123	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7973	124	20.82	\$383.00*
Intel Xeon E5-2620 @ 2.00GHz	7966	125	19.43	\$409.99
Intel Xeon E3-1275 @ 3.40GHz	7919	126	22.18	\$356.99*
Intel Core i7-4700MQ @ 2.40GHz	7895	127	25.77	\$306.40*
Intel Core i7-4712MQ @ 2.30GHz	7776	128	NA	NA
Intel Core i5-4690 @ 3.50GHz	7750	129	34.60	\$223.99
Intel Core i7-4702HQ @ 2.20GHz	7731	130	NA	NA
Intel Xeon E5-2430 v2 @ 2.50GHz	7730	NA	NA	NA

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CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4670K @ 3.40GHz	7724	131	32.87	\$234.99
AMD FX-8150 Eight-Core	7700	132	20.74	\$371.29*
Intel Core i7-3630QM @ 2.40GHz	7697	133	25.75	\$298.95*
Intel Core i5-4690K @ 3.50GHz	7686	134	32.76	\$234.67
Intel Xeon X5650 @ 2.67GHz	7668	135	63.91	\$120.00
Intel Core i7-4785T @ 2.20GHz	7559	136	NA	NA
Intel Core i5-4690S @ 3.20GHz	7526	137	35.84	\$209.99
AMD Opteron 6366 HE	7503	NA	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7489	138	18.72	\$399.99*
Intel Core i5-4670 @ 3.40GHz	7483	139	34.81	\$215.00
Intel Core i7-2960XM @ 2.70GHz	7414	140	6.77	\$1,096.00*
Intel Core i7-4700EQ @ 2.40GHz	7408	141	NA	NA
Intel Xeon E3-1235 @ 3.20GHz	7373	142	27.31	\$269.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2420 @ 1.90GHz	7371	143	18.11	\$406.99
Intel Xeon E3-1230L v3 @ 1.80GHz	7344	NA	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7334	144	NA	NA
Intel Xeon X5687 @ 3.60GHz	7333	145	NA	NA
Intel Xeon E5-1410 @ 2.80GHz	7312	146	NA	NA
Intel Xeon E5-2430 @ 2.20GHz	7288	NA	12.72	\$572.99
Intel Core i5-4590 @ 3.30GHz	7277	147	36.39	\$199.99
Intel Core i7-4702MQ @ 2.20GHz	7273	148	NA	NA
Intel Core i7-4765T @ 2.00GHz	7231	149	NA	NA
Intel Core i7-2860QM @ 2.50GHz	7216	150	12.03	\$599.99*
Intel Xeon E5649 @ 2.53GHz	7192	151	17.56	\$409.50*
Intel Core i5-3570K @ 3.40GHz	7167	152	31.17	\$229.99
Intel Core i5-4590S @ 3.00GHz	7121	153	37.48	\$189.99
Intel Core i7-2600S @ 2.80GHz	7119	154	21.68	\$328.45*
AMD Opteron 6234	7093	155	17.74	\$399.99*
Intel Core i5-4570 @ 3.20GHz	7067	156	36.43	\$193.98
Intel Core i7-2920XM @ 2.50GHz	7066	157	6.45	\$1,096.00*
Intel Xeon X5677 @ 3.47GHz	7065	158	4.25	\$1,663.00*
AMD FX-6350 Six-Core	7030	159	52.08	\$134.99
Intel Core i7-3632QM @ 2.20GHz	7002	160	18.52	\$378.00*
Intel Core i5-3570 @ 3.40GHz	6999	161	33.33	\$209.99
Intel Xeon E3-1220 v3 @ 3.10GHz	6991	162	34.11	\$204.99
Intel Xeon E3-1226 v3 @ 3.30GHz	6888	NA	32.34	\$213.00*
Intel Core i5-2550K @ 3.40GHz	6876	163	27.78	\$247.50*
Intel Core i5-4570S @ 2.90GHz	6860	164	34.95	\$196.29
Intel Core i7-3612QM @ 2.10GHz	6848	165	NA	NA
AMD FX-8140 Eight-Core	6845	NA	NA	NA
Intel Xeon E3-1225 V2 @ 3.20GHz	6835	166	28.48	\$239.99
Intel Core i7-2760QM @ 2.40GHz	6833	167	18.08	\$378.00*
Intel Xeon E3-1225 v3 @ 3.20GHz	6832	168	30.37	\$224.99*
Intel Core i5-3550 @ 3.30GHz	6815	169	29.63	\$229.99
Intel Core i5-4460 @ 3.20GHz	6796	170	35.77	\$189.99
Intel Core i7-2840QM @ 2.40GHz	6766	171	NA	NA
Intel Core i5-3570S @ 3.10GHz	6762	172	NA	NA
Intel Xeon E5645 @ 2.40GHz	6730	173	12.46	\$539.99
Intel Xeon W3580 @ 3.33GHz	6701	174	6.18	\$1,083.47*
Intel Core i7-2820QM @ 2.30GHz	6687	175	13.40	\$498.95*
Intel Core i7-3612QE @ 2.10GHz	6665	176	NA	NA
Intel Core i5-3550S @ 3.00GHz	6640	177	NA	NA
Intel Xeon L5640 @ 2.27GHz	6640	NA	6.66	\$996.99*
Intel Core i5-4570R @ 2.70GHz	6606	178	NA	NA
AMD FX-8120 Eight-Core	6602	179	23.21	\$284.46*
Intel Core i5-4460S @ 2.90GHz	6574	180	NA	NA
Intel Core i7-3635QM @ 2.40GHz	6570	181	NA	NA
Intel Core i5-3470 @ 3.20GHz	6569	182	34.74	\$189.12
AMD Opteron 3380	6565	183	NA	NA
Intel Xeon E3-1220 V2 @ 3.10GHz	6547	184	34.10	\$192.00
Intel Xeon E3-1260L @ 2.40GHz	6499	185	20.90	\$310.99*
Intel Core i5-4440 @ 3.10GHz	6495	186	35.11	\$184.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2500K @ 3.30GHz	6484	187	20.99	\$309.00
Intel Xeon W3570 @ 3.20GHz	6480	188	5.95	\$1,089.99*
Intel Core i5-3450 @ 3.10GHz	6445	189	30.70	\$209.99
AMD Opteron 4280	6430	NA	NA	NA
Intel Xeon W5590 @ 3.33GHz	6375	190	3.94	\$1,617.99*
AMD FX-6300 Six-Core	6361	192	56.65	\$112.29
Intel Core i5-4670T @ 2.30GHz	6361	191	NA	NA
Intel Core i5-4430 @ 3.00GHz	6318	193	34.71	\$182.06
Intel Core i7 975 @ 3.33GHz	6286	194	12.60	\$499.00
Intel Core i5-4670S @ 3.10GHz	6285	195	NA	NA
Intel Core i5-2500 @ 3.30GHz	6211	196	26.56	\$233.87
Intel Core i7-2720QM @ 2.20GHz	6210	197	15.53	\$399.99*
Intel Core i7-3610QE @ 2.30GHz	6198	198	NA	NA
Intel Xeon E3-1220 @ 3.10GHz	6179	199	26.57	\$232.56*
Intel Core i5-3340 @ 3.10GHz	6135	200	31.46	\$194.99
Intel Core i5-3350P @ 3.10GHz	6133	201	32.28	\$189.99*
AMD FX-6200 Six-Core	6130	202	42.28	\$144.99*
Intel Core i5-3470S @ 2.90GHz	6127	203	31.87	\$192.24

Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6174	6097	NA	NA	NA
AMD FX-8100 Eight-Core	6081	204	42.83	\$142.00*
Intel Xeon L5638 @ 2.00GHz	6057	205	NA	NA
Intel Core i5-4440S @ 2.80GHz	6045	206	31.49	\$191.99
Intel Core i5-3450S @ 2.80GHz	6022	207	29.17	\$206.51*
Intel Core i7-2670QM @ 2.20GHz	6014	208	15.91	\$378.00*
Intel Core i5-3475S @ 2.90GHz	5991	209	NA	NA
Intel Core i7 960 @ 3.20GHz	5941	210	14.53	\$409.00
Intel Xeon E3-1225 @ 3.10GHz	5925	211	27.31	\$216.99*
Intel Xeon X5647 @ 2.93GHz	5919	NA	4.90	\$1,207.50*
Intel Core i5-3330 @ 3.00GHz	5915	212	32.10	\$184.30
AMD Phenom II X6 1100T	5903	213	14.76	\$400.00*
Intel Core i7-2635QM @ 2.00GHz	5874	214	NA	NA
Intel Core i7 965 @ 3.20GHz	5861	215	3.91	\$1,498.95*
Intel Core i5-3570T @ 2.30GHz	5836	216	NA	NA
Intel Core i5-2400 @ 3.10GHz	5815	217	27.23	\$213.58
Intel Core i5-2380P @ 3.10GHz	5811	218	27.43	\$211.91*
Intel Core i5-4430S @ 2.70GHz	5792	219	NA	NA
AMD FX-6120 Six-Core	5777	220	NA	NA
AMD Opteron 6212	5776	NA	18.34	\$315.00*
Intel Core i5-3335S @ 2.70GHz	5775	221	NA	NA
Intel Core i5-4590T @ 2.00GHz	5758	222	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5754	223	NA	NA
AMD A10-7800	5749	224	33.83	\$169.99
Intel Xeon E5640 @ 2.67GHz	5741	225	7.37	\$778.99
Intel Core i5-3340S @ 2.80GHz	5722	226	28.61	\$199.99*
Intel Core i7 880 @ 3.07GHz	5708	227	9.79	\$583.00*
AMD Phenom II X6 1090T	5700	228	20.36	\$279.99*
AMD A10-7850K APU	5686	229	33.45	\$169.99
Intel Xeon E5-1607 v2 @ 3.00GHz	5680	230	NA	NA
Intel Core i5-2320 @ 3.00GHz	5662	231	22.65	\$250.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7 950 @ 3.07GHz	5645	232	37.65	\$149.95
Intel Core i5-3330S @ 2.70GHz	5639	233	NA	NA
Intel Core i7-4610M @ 3.00GHz	5603	NA	NA	NA
Intel Xeon X5570 @ 2.93GHz	5602	234	46.68	\$120.00*
Intel Core i5-2450P @ 3.20GHz	5595	235	26.03	\$214.99*
Intel Core i3-4360 @ 3.70GHz	5579	236	34.87	\$159.99
AMD A10-7850K	5570	237	NA	NA
Intel Core i7-2630QM @ 2.00GHz	5568	238	14.73	\$378.00*
Intel Core i7-2675QM @ 2.20GHz	5558	239	NA	NA
Intel Xeon X3470 @ 2.93GHz	5540	240	15.83	\$349.99*
Intel Xeon X5560 @ 2.80GHz	5496	241	4.39	\$1,251.99*
Intel Core i7 870 @ 2.93GHz	5495	242	21.81	\$252.00
Intel Core i7-3615QE @ 2.30GHz	5495	NA	NA	NA
Intel Xeon W3540 @ 2.93GHz	5495	243	7.86	\$698.95*
Intel Xeon E5-1603 @ 2.80GHz	5465	244	24.84	\$219.99
Intel Core i7 940 @ 2.93GHz	5464	245	7.81	\$699.95*
AMD A8-7600 Radeon R7, 10 Compute Cores 4C+6G	5444	246	NA	NA
Intel Core i5-2310 @ 2.90GHz	5437	247	31.99	\$169.99*
AMD FX-6100 Six-Core	5430	248	34.64	\$156.78*
Intel Core i7 K 875 @ 2.93GHz	5421	249	15.27	\$354.99*
AMD A10-7700K APU	5417	250	33.86	\$159.99
AMD Phenom II X6 1075T	5416	251	30.09	\$180.00*
Intel Xeon X5550 @ 2.67GHz	5403	252	68.62	\$78.75*
Intel Core 870 @ 2.93GHz	5353	NA	10.71	\$499.99*
AMD Opteron 6164 HE	5351	NA	NA	NA
Intel Core i3-4160 @ 3.60GHz	5328	253	39.48	\$134.99
Intel Core i3-4340 @ 3.60GHz	5308	254	32.17	\$164.99
AMD A10-7700K	5304	255	NA	NA
AMD A10-6800B APU	5298	NA	NA	NA
Intel Core i7-2710QE @ 2.10GHz	5290	256	NA	NA
Intel Core i5-2300 @ 2.80GHz	5272	257	27.75	\$189.98*
AMD FX-4350 Quad-Core	5263	258	40.49	\$129.99*
Intel Xeon L5639 @ 2.13GHz	5248	259	NA	NA
Intel Core i7 930 @ 2.80GHz	5211	260	12.83	\$406.25
AMD Opteron 6128	5210	NA	14.89	\$349.95
Intel Core i7-2715QE @ 2.10GHz	5199	261	NA	NA
AMD Phenom II X6 1065T	5175	262	NA	NA
Intel Core i5-2500S @ 2.70GHz	5163	264	NA	NA
Intel Xeon X3450 @ 2.67GHz	5163	263	23.80	\$216.99*
Intel Xeon X5672 @ 3.20GHz	5148	NA	NA	NA
Intel Core i5-4340M @ 2.90GHz	5109	NA	NA	NA
AMD Opteron 6272	5104	NA	12.15	\$420.00*
Intel Core i3-4330 @ 3.50GHz	5102	265	42.52	\$119.99
Intel Xeon X5470 @ 3.33GHz	5102	266	NA	NA
Intel Core i7 860 @ 2.80GHz	5097	267	14.57	\$349.99
Intel Core i3-4350 @ 3.60GHz	5092	268	33.95	\$149.99
Intel Xeon E5630 @ 2.53GHz	5089	269	12.72	\$399.99
Intel Core i7-4600M @ 2.90GHz	5071	270	NA	NA
AMD Phenom II X6 1055T	5065	271	25.75	\$196.69*

Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<b>CPU Name</b>	<b>Passmark CPU Mark (higher is better)</b>	<b>Rank (lower is better)</b>	<b>CPU Value (higher is better)</b>	<b>Price (USD)</b>
Intel Xeon X3460 @ 2.80GHz	5059	272	14.58	\$346.99*
Intel Xeon W3520 @ 2.67GHz	5056	273	14.05	\$359.99*
Intel Core i7 S 870 @ 2.67GHz	5052	274	NA	NA
Intel Core i3-4150 @ 3.50GHz	5033	275	38.72	\$129.99
Intel Xeon E5-4603 @ 2.00GHz	5014	NA	NA	NA
Intel Core i7 920 @ 2.67GHz	5008	276	50.61	\$98.95
Intel Xeon E5620 @ 2.40GHz	4963	277	31.05	\$159.86
Intel Core i5-24050S @ 2.50GHz	4928	NA	NA	NA
AMD Phenom II X6 1045T	4923	278	24.62	\$199.99*
Intel Core i5-4570T @ 2.90GHz	4905	279	NA	NA
Intel Core i3-4360T @ 3.20GHz	4880	280	NA	NA
Intel Core i3-4570T @ 2.90GHz	4867	NA	NA	NA
Intel Core i5-2400S @ 2.50GHz	4860	281	16.26	\$299.00*
Intel Core i7 S 860 @ 2.53GHz	4856	282	12.60	\$385.27*
Intel Xeon E5540 @ 2.53GHz	4836	283	53.74	\$90.00*
Intel Core i5-2405S @ 2.50GHz	4817	284	14.60	\$330.02*
Intel Core i3-4130 @ 3.40GHz	4814	285	40.13	\$119.99
Intel Xeon X5482 @ 3.20GHz	4810	286	3.76	\$1,279.00*
Intel Xeon W3565 @ 3.20GHz	4802	287	14.87	\$322.99*
AMD FX-4170 Quad-Core	4793	288	24.33	\$197.00*
Intel Core2 Extreme X9770 @ 3.20GHz	4787	289	3.42	\$1,400.00*
AMD A10-5800B APU	4782	290	NA	NA
AMD FX-670K Quad-Core	4782	291	NA	NA
Intel Core2 Extreme X9750 @ 3.16GHz	4770	292	NA	NA
AMD Phenom II X6 1035T	4768	293	25.23	\$189.00*
Intel Core i7-3540M @ 3.00GHz	4764	294	NA	NA
AMD A10-6800K APU	4763	295	34.03	\$139.99
Intel Core i5-4330M @ 2.80GHz	4752	296	17.28	\$274.99*
AMD A10-6790K APU	4749	297	33.93	\$139.99
Intel Xeon E5530 @ 2.40GHz	4729	298	7.57	\$624.99*
Intel Xeon X3380 @ 3.16GHz	4727	299	NA	NA
AMD FX-4300 Quad-Core	4719	300	47.20	\$99.99
AMD A10-6700 APU	4710	301	31.62	\$148.99
Intel Core i5-2500T @ 2.30GHz	4682	302	NA	NA
Intel Xeon W3550 @ 3.07GHz	4673	303	14.43	\$323.99*
Intel Core i5-4310M @ 2.70GHz	4672	304	NA	NA
AMD A10-5800K APU	4659	305	47.31	\$98.50
AMD Phenom II X4 980	4657	306	34.09	\$136.64*
Intel Xeon W5580 @ 3.20GHz	4655	307	2.80	\$1,659.99*
AMD Phenom II X4 975	4638	308	35.68	\$129.99*
AMD FX-4150 Quad-Core	4632	309	NA	NA
Intel Xeon E5-2609 @ 2.40GHz	4611	310	15.37	\$299.99
Intel Xeon X3370 @ 3.00GHz	4602	311	12.59	\$365.50*
Intel Core i5-4288U @ 2.60GHz	4600	312	NA	NA
AMD A8-6600K APU	4594	313	45.95	\$99.99
AMD Athlon X4 760K Quad Core	4588	314	NA	NA
AMD A8-6500B APU	4577	315	NA	NA
AMD A8-6500 APU	4569	316	44.05	\$103.74
Intel Core i7-3520M @ 2.90GHz	4550	317	NA	NA
<b>CPU Name</b>	<b>Passmark CPU Mark (higher is better)</b>	<b>Rank (lower is better)</b>	<b>CPU Value (higher is better)</b>	<b>Price (USD)</b>
Intel Core i5-3470T @ 2.90GHz	4549	318	19.36	\$234.95*
Intel Xeon E5520 @ 2.27GHz	4541	319	82.38	\$55.13*
Intel Core i3-4150T @ 3.00GHz	4537	320	38.79	\$117.00*
Intel Core i5-4300M @ 2.60GHz	4536	322	NA	NA
Intel Core2 Extreme X9775 @ 3.20GHz	4536	321	2.45	\$1,849.95*
AMD Opteron 2431	4516	NA	22.58	\$199.99
Intel Core i3-4330T @ 3.00GHz	4498	323	NA	NA
AMD Phenom II X4 970	4469	324	35.76	\$124.99*
AMD A8-7600B Radeon R7, 10 Compute Cores 4C+6G	4468	NA	NA	NA
Intel Xeon X5460 @ 3.16GHz	4459	325	4.46	\$999.99*
AMD FX-4200 Quad-Core	4454	326	55.58	\$80.15*
Intel Core i5-4278U @ 2.60GHz	4446	327	NA	NA
Intel Xeon X3440 @ 2.53GHz	4429	328	17.72	\$249.99*
Intel Core i3-3245 @ 3.40GHz	4402	329	30.16	\$145.99*
Intel Core i5-4200H @ 2.80GHz	4397	330	NA	NA
Intel Core i3-3225 @ 3.30GHz	4394	332	31.39	\$139.99
Intel Core i3-3250 @ 3.50GHz	4394	331	39.23	\$112.04
Intel Core2 Extreme X9650 @ 3.00GHz	4374	333	4.38	\$998.95
Intel Xeon L5520 @ 2.27GHz	4356	334	6.70	\$649.99*
Intel Xeon L5530 @ 2.40GHz	4351	NA	NA	NA
AMD A8-5600K APU	4343	335	48.27	\$89.98
Intel Core i7-4600U @ 2.10GHz	4332	336	NA	NA
AMD Athlon X4 750K Quad Core	4330	337	54.14	\$79.99
Intel Core i7-3687U @ 2.10GHz	4327	338	NA	NA
Intel Core i3-2140 @ 3.50GHz	4325	339	NA	NA
Intel Core i3-3240 @ 3.40GHz	4317	340	36.29	\$118.98
Intel Core i5-4210M @ 2.60GHz	4304	341	NA	NA
Intel Core i7-4558U @ 2.80GHz	4299	342	NA	NA
Intel Xeon E5450 @ 3.00GHz	4291	343	4.05	\$1,058.95*
Intel Core i5-3360M @ 2.80GHz	4290	344	14.55	\$294.99

Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W3530 @ 2.80GHz	4279	345	15.02	\$285.00*
AMD Phenom II X4 965	4272	346	29.46	\$145.00*
Intel Xeon X5698 @ 4.40GHz	4272	347	NA	NA
Intel Xeon X3363 @ 2.83GHz	4264	348	NA	NA
Intel Core i5-3380M @ 2.90GHz	4245	349	NA	NA
Intel Core2 Quad Q9650 @ 3.00GHz	4238	350	22.55	\$188.00
Intel Core X 920 @ 2.00GHz	4237	351	NA	NA
Intel Xeon E5472 @ 3.00GHz	4227	352	3.85	\$1,098.95*
Intel Xeon E5462 @ 2.80GHz	4224	353	16.50	\$255.99*
Intel Core i3-3220 @ 3.30GHz	4223	354	35.23	\$119.89
Intel Core i7-4650U @ 1.70GHz	4216	355	NA	NA
Intel Xeon X5450 @ 3.00GHz	4207	356	4.94	\$852.00*
Intel Core i3-4130T @ 2.90GHz	4206	357	31.16	\$134.99
AMD A10-5700 APU	4205	358	28.94	\$145.33
Intel Core i5-4258U @ 2.40GHz	4190	359	NA	NA
AMD FX-4130 Quad-Core	4185	360	56.98	\$73.45
Intel Core i7 X 940 @ 2.13GHz	4182	361	NA	NA
Intel Core i5-3340M @ 2.70GHz	4161	362	NA	NA
AMD Phenom II X4 B60	4155	363	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B99	4154	364	NA	NA
Intel Xeon X3360 @ 2.83GHz	4153	365	15.50	\$268.00*
Intel Core i5-4310U @ 2.00GHz	4147	366	NA	NA
Intel Xeon L5630 @ 2.13GHz	4144	367	NA	NA
Intel Core i5-4200M @ 2.50GHz	4136	368	NA	NA
Intel Xeon L5430 @ 2.66GHz	4099	NA	NA	NA
Intel Core i7-3555LE @ 2.50GHz	4080	369	NA	NA
Intel Core i3-2125 @ 3.30GHz	4075	370	27.17	\$149.99*
Intel Core2 Quad Q9550 @ 2.83GHz	4069	371	31.30	\$130.00
Intel Core i7-4510U @ 2.00GHz	4052	372	NA	NA
AMD FX-4100 Quad-Core	4041	373	23.64	\$170.96*
Intel Core i3-2130 @ 3.40GHz	4035	374	13.75	\$293.59*
AMD A8-5500 APU	4032	375	42.02	\$95.98
Intel Xeon X5492 @ 3.40GHz	4030	376	2.90	\$1,391.29*
Intel Xeon E5440 @ 2.83GHz	4027	377	10.61	\$379.42*
Intel Core i5-3320M @ 2.60GHz	4015	379	16.73	\$239.99*
Intel Pentium G3258 @ 3.20GHz	4015	378	68.06	\$59.00
AMD Phenom II X4 955	4014	380	11.64	\$344.99
AMD Opteron 3350 HE	4009	381	NA	NA
Intel Core i7-2640M @ 2.80GHz	3983	382	NA	NA
Intel Core i5-2390T @ 2.70GHz	3979	383	NA	NA
Intel Core i5-3230M @ 2.60GHz	3965	384	17.62	\$225.00*
Intel Xeon L3426 @ 1.87GHz	3961	385	12.15	\$325.99*
Intel Core i7-3667U @ 2.00GHz	3958	386	NA	NA
AMD Phenom II X4 B97	3956	387	NA	NA
Intel Core2 Quad Q9705 @ 3.16GHz	3947	388	NA	NA
AMD Phenom Ultra X4 24500	3945	389	NA	NA
Intel Xeon E5-2407 @ 2.20GHz	3943	NA	13.62	\$289.50*
AMD Phenom II X4 973	3940	390	NA	NA
AMD Athlon X4 740 Quad Core	3934	391	52.46	\$74.99
Intel Core i7-4550U @ 1.50GHz	3932	392	NA	NA
Intel Atom C2750 @ 2.40GHz	3929	393	NA	NA
Intel Core i5 760 @ 2.80GHz	3926	394	30.21	\$129.95*
Intel Xeon X3350 @ 2.66GHz	3911	395	14.60	\$268.00*
Intel Core i7-3537U @ 2.00GHz	3889	396	NA	NA
Intel Xeon E5430 @ 2.66GHz	3886	397	18.00	\$215.99*
Intel Core i3-3210 @ 3.20GHz	3882	398	32.30	\$120.21*
Intel Core i7-2620M @ 2.70GHz	3875	399	NA	NA
Intel Core i3-2120 @ 3.30GHz	3873	400	29.00	\$133.55
Intel Core i7-4500U @ 1.80GHz	3870	401	NA	NA
AMD Phenom II X4 960T	3869	402	19.35	\$200.00*
AMD A10-6700T APU	3825	403	NA	NA
Intel Core2 Quad Q9450 @ 2.66GHz	3822	404	11.40	\$335.25*
AMD A8-5500B APU	3820	405	NA	NA
Intel Core i3-2105 @ 3.10GHz	3808	406	26.09	\$145.99*
AMD Phenom II X4 20	3805	407	29.28	\$130.00*
Intel Core i5-3210M @ 2.50GHz	3804	409	16.91	\$225.00*
Intel Xeon X5472 @ 3.00GHz	3804	408	4.51	\$844.50*
AMD Phenom II X4 B50	3803	410	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B95	3793	411	16.86	\$225.00*
Intel Pentium G3450 @ 3.40GHz	3780	412	37.81	\$99.99
Intel Core i5-4300U @ 1.90GHz	3761	413	NA	NA
AMD Phenom II X4 945	3757	414	20.88	\$179.99*
Intel Core i3-3240T @ 2.90GHz	3757	415	NA	NA
Intel Core i5 750 @ 2.67GHz	3748	416	19.22	\$194.99
Intel Pentium G3440 @ 3.30GHz	3742	417	41.59	\$89.99
Intel Core2 Extreme Q6850 @ 3.00GHz	3727	418	2.49	\$1,495.95*
Intel Xeon L5506 @ 2.13GHz	3715	419	NA	NA
Intel Core i5-2540M @ 2.60GHz	3707	420	13.29	\$278.99*
Intel Core i3-3220T @ 2.80GHz	3705	421	28.96	\$127.98
Intel Core i7-3517U @ 1.90GHz	3704	422	NA	NA

Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1220L V2 @ 2.30GHz	3701	NA	NA	NA
Intel Core i5-4260U @ 1.40GHz	3688	NA	NA	NA
Intel Core i7 920XM @ 2.00GHz	3675	423	3.21	\$1,144.69*
AMD A8-3870K APU	3670	424	39.05	\$93.99
Intel Core2 Quad Q9500 @ 2.83GHz	3669	425	20.05	\$183.00*
AMD Athlon II X4 650	3664	426	NA	NA
AMD Phenom II X4 940	3659	427	34.86	\$104.99*
Intel Core i7-4610Y @ 1.70GHz	3655	428	NA	NA
AMD Athlon II X4 651 Quad-Core	3652	429	36.57	\$99.87*
Intel Xeon X3330 @ 2.66GHz	3644	430	16.28	\$223.79*
Intel Xeon L5420 @ 2.50GHz	3639	431	9.43	\$386.00*
Intel Core i5-2510E @ 2.50GHz	3631	433	NA	NA
Intel Core2 Quad Q9505 @ 2.83GHz	3631	432	14.69	\$247.23*
AMD Phenom II X4 B35	3626	434	NA	NA
Intel Core i3-2100 @ 3.10GHz	3621	435	3.62	\$1,000.00*
Intel Xeon X3230 @ 2.66GHz	3619	436	11.66	\$310.51*
AMD Phenom FX-7750 Quad-Core	3616	437	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3615	438	3.21	\$1,125.00*
Intel Core2 Extreme Q9300 @ 2.53GHz	3606	439	NA	NA
AMD Phenom II X4 840T	3605	440	NA	NA
Intel Core i5-4350U @ 1.40GHz	3604	441	NA	NA
Intel Xeon E5607 @ 2.27GHz	3603	442	12.73	\$282.99*
Intel Core i5-3427U @ 1.80GHz	3600	443	NA	NA
AMD Athlon X4 645	3595	444	NA	NA
Intel Core i5-4210U @ 1.70GHz	3580	445	NA	NA
Intel Core i5-3437U @ 1.90GHz	3579	446	NA	NA
AMD Phenom II X4 830	3575	447	32.80	\$109.00*
AMD Phenom II X4 B45	3575	448	NA	NA
Intel Xeon E3-1220L @ 2.20GHz	3563	449	NA	NA
Intel Core i5 680 @ 3.60GHz	3556	450	10.90	\$326.35*
AMD Phenom II X4 850	3552	451	31.86	\$111.49*
AMD Opteron 2384	3538	NA	NA	NA
AMD Opteron 2386 SE	3538	452	NA	NA
Intel Xeon L5410 @ 2.33GHz	3535	453	9.32	\$379.42*
Intel Core i5-2520M @ 2.50GHz	3534	455	14.14	\$249.99*
Intel Pentium G3430 @ 3.30GHz	3534	454	35.35	\$99.99
AMD A8-3850 APU	3533	456	35.34	\$99.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5365 @ 3.00GHz	3532	457	24.93	\$141.68*
AMD Athlon II X4 645	3523	458	23.51	\$149.89*
AMD A8-6500T APU	3517	NA	NA	NA
AMD Phenom II X4 B40	3515	459	NA	NA
AMD Phenom II X4 B55	3501	460	NA	NA
AMD Phenom II X4 925	3496	462	20.57	\$170.00*
Intel Xeon E5-2603 @ 1.80GHz	3496	461	16.27	\$214.99
AMD Phenom II 42 TWKR Black Edition	3489	464	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3489	463	17.81	\$195.99*
AMD Phenom II X4 820	3479	465	38.67	\$89.99*
Intel Core i7-3689Y @ 1.50GHz	3479	466	NA	NA
AMD Phenom II X4 920	3476	467	24.83	\$140.00*
Intel Pentium G3420 @ 3.20GHz	3468	468	50.29	\$68.98
AMD Athlon II X4 641 Quad-Core	3463	469	51.71	\$66.97*
AMD Athlon X4 640	3461	470	NA	NA
Intel Xeon E5420 @ 2.50GHz	3460	471	7.81	\$443.05*
AMD Phenom II X4 B25	3455	472	NA	NA
AMD A10-4657M APU	3449	NA	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3449	473	NA	NA
Intel Core i5-2450M @ 2.50GHz	3443	474	15.30	\$225.00*
Intel Core i5-4250U @ 1.30GHz	3442	475	9.33	\$369.00
Intel Xeon X3320 @ 2.50GHz	3433	476	14.93	\$229.95*
Intel Xeon X3323 @ 2.50GHz	3428	NA	NA	NA
Intel Core2 Quad Q9400 @ 2.66GHz	3423	477	34.23	\$100.00*
Intel Core i7 Q 840 @ 1.87GHz	3416	478	NA	NA
Intel Pentium G3240 @ 3.10GHz	3402	479	52.36	\$64.99
Intel Core i3-3130M @ 2.60GHz	3388	480	NA	NA
Intel Pentium G2140 @ 3.30GHz	3384	481	34.89	\$96.99
AMD A10-5750M APU	3375	482	NA	NA
AMD Phenom II X4 910e	3372	483	21.48	\$156.99*
AMD Phenom II X4 10	3359	484	NA	NA
Intel Core i5 K 655 @ 3.20GHz	3353	486	NA	NA
Intel Xeon E5606 @ 2.13GHz	3353	485	6.67	\$502.59*
AMD Athlon II X4 640	3351	487	13.41	\$249.95*
AMD Phenom II X4 05e	3340	488	NA	NA
Intel Core2 Quad Q6700 @ 2.66GHz	3338	489	33.74	\$98.95
Intel Core i3-4000M @ 2.40GHz	3333	490	NA	NA
Intel Xeon X5355 @ 2.66GHz	3333	491	6.80	\$490.00*
Intel Xeon X3430 @ 2.40GHz	3331	492	15.86	\$209.99*
Intel Core 750 @ 2.67GHz	3329	NA	17.07	\$195.00*
Intel Core2 Quad Q9100 @ 2.26GHz	3325	493	8.62	\$385.89*
Intel Core i5-2515E @ 2.50GHz	3313	494	NA	NA
Intel Xeon E5410 @ 2.33GHz	3308	495	27.81	\$119.00*
AMD Phenom II X4 910	3306	496	33.06	\$100.00*
AMD A6-3670 APU	3300	497	23.58	\$139.98*
Intel Core i5-4200U @ 1.60GHz	3299	498	NA	NA

Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X4 635	3297	499	27.48	\$119.99*
Intel Core i3-3120M @ 2.50GHz	3291	500	NA	NA
AMD Phenom II X4 B93	3287	501	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2435M @ 2.40GHz	3277	502	NA	NA
AMD Phenom II X3 B77	3276	503	NA	NA
Intel Core i5-2430M @ 2.40GHz	3266	504	14.52	\$225.00*
AMD Opteron 3260 HE	3259	NA	NA	NA
Intel Core i5-3337U @ 1.80GHz	3241	505	14.40	\$225.00*
Intel Core i7 Q 740 @ 1.73GHz	3238	506	NA	NA
Intel Xeon E5507 @ 2.27GHz	3236	507	11.36	\$284.99*
Intel Core i5 660 @ 3.33GHz	3235	508	9.52	\$339.95*
Intel Core2 Quad Q8400 @ 2.66GHz	3231	509	13.52	\$239.00*
AMD Phenom 9850B Quad-Core	3229	510	NA	NA
Intel Core i5 670 @ 3.47GHz	3224	511	9.40	\$342.95*
AMD Phenom II X4 810	3222	512	27.79	\$115.99*
AMD A8-3820 APU	3218	513	26.97	\$119.34*
Intel Core i5-2415M @ 2.30GHz	3216	514	NA	NA
Intel Core i7 Q 820 @ 1.73GHz	3202	515	NA	NA
AMD Athlon II X4 631 Quad-Core	3194	516	18.05	\$177.00*
AMD A6-3650 APU	3192	517	41.33	\$77.23*
Intel Core2 Quad Q9300 @ 2.50GHz	3192	518	40.41	\$79.00
AMD Athlon II X4 630	3188	519	32.20	\$99.00*
Intel Celeron G1850 @ 2.90GHz	3185	520	63.72	\$49.99
Intel Pentium G3220 @ 3.00GHz	3184	521	54.91	\$57.99
AMD Opteron 2378	3179	523	17.76	\$179.00*
Intel Core i3-2120T @ 2.60GHz	3179	522	23.56	\$134.99
Intel Core i5-2410M @ 2.30GHz	3169	524	14.09	\$225.00*
Intel Core i5 661 @ 3.33GHz	3162	525	19.89	\$159.00*
AMD A8-3800 APU	3156	526	20.16	\$156.59*
Intel Xeon X3220 @ 2.40GHz	3151	527	10.54	\$298.95*
Intel Core i5 650 @ 3.20GHz	3148	528	18.52	\$169.99
AMD A10-5757M APU	3142	529	NA	NA
AMD A8 PRO-7150B R5, 10 Compute Cores 4C+6G	3130	530	NA	NA
AMD A10-4600M APU	3128	531	NA	NA
AMD A10 PRO-7350B R6, 10 Compute Cores 4C+6G	3125	532	NA	NA
AMD Athlon X4 630	3121	533	33.93	\$92.00*
Intel Core i7-2637M @ 1.70GHz	3112	534	NA	NA
AMD A10 PRO-7350B APU	3106	NA	NA	NA
Intel Core i5-3317U @ 1.70GHz	3099	535	13.78	\$225.00*
Intel Pentium G2130 @ 3.20GHz	3097	536	42.44	\$72.99
Intel Xeon E5506 @ 2.13GHz	3080	537	13.04	\$236.25*
Intel Core i7 Q 720 @ 1.60GHz	3073	538	8.44	\$364.00*
Intel Xeon X3353 @ 2.66GHz	3072	NA	NA	NA
Intel Core i3-3110M @ 2.40GHz	3070	540	NA	NA
Intel Pentium G2120 @ 3.10GHz	3070	539	34.12	\$89.99
AMD Opteron 2427	3069	NA	19.04	\$161.23*
AMD Phenom II X4 805	3066	541	17.62	\$173.99*
AMD Opteron 1381	3065	543	NA	NA
AMD Phenom II X3 B75	3065	542	NA	NA
AMD Athlon X3 450	3064	544	38.80	\$78.99*
Intel Core i5-3439Y @ 1.50GHz	3057	NA	NA	NA
AMD Phenom II X4 905e	3056	545	15.72	\$194.46*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-7300	3049	546	NA	NA
Intel Core2 Quad Q8300 @ 2.50GHz	3043	547	23.41	\$130.00
Intel Core i5-4302Y @ 1.60GHz	3042	NA	NA	NA
AMD Phenom 9950 Quad-Core	3034	548	19.33	\$156.99*
AMD Phenom II X3 740	3032	549	34.08	\$88.99*
Intel Core i3-4330TE @ 2.40GHz	3023	550	NA	NA
AMD Phenom 2 X4 12000	3005	551	NA	NA
Intel Core i3-2330E @ 2.20GHz	3004	552	NA	NA
AMD Phenom 7950 Quad-Core	2991	553	NA	NA
Intel Xeon E5345 @ 2.33GHz	2991	554	15.23	\$196.42*
Intel Core2 Quad Q6600 @ 2.40GHz	2987	555	37.37	\$79.95
AMD Athlon II X4 620	2986	556	33.55	\$89.00*
AMD A8-5550M APU	2981	557	NA	NA
AMD Athlon X4 620	2980	558	35.49	\$83.99*
Intel Xeon X6550 @ 2.00GHz	2977	NA	NA	NA
Intel Pentium G3240T @ 2.70GHz	2968	559	NA	NA
Intel Pentium G2030 @ 3.00GHz	2955	560	51.27	\$57.65
AMD Athlon II X3 460	2954	561	32.83	\$89.99*
AMD Phenom FX-5200 Quad-Core	2953	562	NA	NA
Intel Celeron G1840 @ 2.80GHz	2953	563	67.13	\$43.99
AMD Opteron 2374 HE	2951	564	15.53	\$189.99*
AMD Opteron 4122	2942	565	11.77	\$249.95*
Intel Pentium G870 @ 3.10GHz	2942	566	35.46	\$82.99*
AMD Phenom 9850 Quad-Core	2939	567	58.79	\$50.00*
AMD Opteron 6134	2938	568	3.92	\$750.00*
Intel Pentium G3220T @ 2.60GHz	2938	569	NA	NA



Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4025U @ 1.90GHz	2929	570	NA	NA
Intel Core i3 560 @ 3.33GHz	2924	571	14.70	\$198.95*
AMD A8-5557M APU	2915	572	NA	NA
AMD Athlon II X4 615e	2914	573	19.96	\$145.99*
Intel Xeon E5405 @ 2.00GHz	2908	574	23.65	\$123.00*
AMD Athlon II X4 620e	2906	575	NA	NA
Intel Core i7 M 640 @ 2.80GHz	2897	576	NA	NA
AMD R-464L APU	2894	577	NA	NA
AMD Athlon X4 635	2891	578	23.71	\$121.99*
AMD A6-3620 APU	2889	579	26.51	\$109.00*
Intel Core i7-2655LE @ 2.20GHz	2883	580	NA	NA
AMD Athlon II X4 655	2880	NA	NA	NA
Intel Core i3 550 @ 3.20GHz	2872	581	18.41	\$155.99*
AMD Opteron 2356	2869	582	10.21	\$281.09*
AMD Athlon II X3 455	2863	583	21.32	\$134.31
AMD A8-7100 Radeon R5, 8 Compute Cores 4C+4G	2862	584	NA	NA
Intel Core i7-2677M @ 1.80GHz	2857	585	NA	NA
Intel Celeron G1830 @ 2.80GHz	2841	586	47.36	\$59.99
Intel Xeon L5335 @ 2.00GHz	2841	NA	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	587	12.62	\$225.00*
Celeron Dual-Core Q8300 @ 2.50GHz	2837	588	NA	NA
AMD Phenom 9750 Quad-Core	2836	589	25.79	\$109.99*
Intel Xeon X3210 @ 2.13GHz	2835	590	13.19	\$214.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1630 @ 2.80GHz	2834	591	47.25	\$59.99*
AMD Phenom II X4 B15e	2831	592	NA	NA
Intel Core2 Quad Q8200 @ 2.33GHz	2829	593	42.90	\$65.95*
Intel Core i7-2617M @ 1.50GHz	2825	594	NA	NA
Intel Pentium G860 @ 3.00GHz	2823	595	33.22	\$84.99
AMD Opteron 2350	2820	596	10.45	\$269.99*
AMD Athlon II X4 610e	2813	597	40.20	\$70.00*
AMD Phenom II X4 840	2813	598	18.66	\$150.75*
AMD A6-3600 APU	2810	599	37.47	\$75.00*
AMD Phenom 9750B Quad-Core	2804	600	NA	NA
AMD Phenom II X920 Quad-Core	2804	601	NA	NA
AMD A10-5745M APU	2801	602	NA	NA
Intel Core i7 E 610 @ 2.53GHz	2800	603	NA	NA
Intel Xeon X5272 @ 3.40GHz	2797	604	6.51	\$429.95*
Intel Xeon E5504 @ 2.00GHz	2796	605	12.71	\$220.00*
AMD A8-3550MX APU	2794	607	NA	NA
Intel Core i3-2370M @ 2.40GHz	2794	606	NA	NA
AMD Phenom II X4 B05e	2781	608	NA	NA
Intel Core i3-2100T @ 2.50GHz	2779	609	18.74	\$148.28*
Intel E3000 @ 3.40GHz	2767	610	NA	NA
Intel Pentium G2020 @ 2.90GHz	2765	611	40.67	\$67.99
Intel Celeron G1820 @ 2.70GHz	2762	612	64.26	\$42.99
AMD Athlon II X4 605e	2750	613	34.39	\$79.99*
Intel Pentium 1403 @ 2.60GHz	2747	NA	NA	NA
Intel Core i7 M 620 @ 2.67GHz	2744	614	NA	NA
Intel Core i3-4030U @ 1.90GHz	2731	615	NA	NA
AMD Phenom II X3 B73	2729	616	36.40	\$75.00*
AMD Phenom II X3 720	2720	617	36.27	\$74.99*
AMD Phenom X4 Quad-Core GP-9830	2715	618	NA	NA
Intel Core i5 M 580 @ 2.67GHz	2708	619	NA	NA
Intel Core i3 540 @ 3.07GHz	2693	620	14.97	\$179.95*
AMD Phenom X4 Quad-Core GP-9930	2690	621	NA	NA
AMD A8-4500M APU	2686	622	NA	NA
Intel Pentium G850 @ 2.90GHz	2679	623	27.23	\$98.39*
Intel Core i5-2557M @ 1.70GHz	2676	624	NA	NA
AMD Opteron 1352	2653	625	19.51	\$135.99*
AMD Phenom 9450e Quad-Core	2650	626	25.24	\$105.00*
AMD Phenom 9650 Quad-Core	2650	627	24.09	\$110.00*
AMD Phenom II X3 715	2649	628	31.17	\$84.99*
Intel Core i3-2350M @ 2.30GHz	2648	629	NA	NA
AMD Opteron 1356	2647	630	12.50	\$211.80*
Intel Pentium G2010 @ 2.80GHz	2641	631	35.22	\$74.99*
AMD Opteron 2380	2640	632	6.75	\$391.06*
Intel Core i3-2348M @ 2.30GHz	2638	634	NA	NA
Intel Core i5 M 560 @ 2.67GHz	2638	633	10.56	\$249.99*
AMD Athlon II X4 600e	2636	636	20.24	\$130.23*
AMD Athlon X3 455	2636	635	NA	NA
AMD Athlon 5350 APU with Radeon R3	2625	637	NA	NA
AMD Phenom FX-5000 Quad-Core	2621	638	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 450	2620	639	40.33	\$64.99
AMD Phenom II X4 900e	2606	640	NA	NA
Intel Pentium G645 @ 2.90GHz	2605	641	39.49	\$65.98*
Intel Core i3 530 @ 2.93GHz	2598	642	20.79	\$125.00
AMD Athlon II X4 6400e	2594	643	NA	NA
AMD Athlon II X3 440	2585	644	39.78	\$64.99*
AMD A10-4655M APU	2584	645	NA	NA

Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9600B Quad-Core	2572	646	17.48	\$147.19*
AMD Athlon II X3 445	2567	647	18.34	\$140.00*
AMD Opteron 1354	2564	649	8.27	\$309.97*
Intel Pentium G840 @ 2.80GHz	2564	648	30.17	\$84.99*
AMD A8-5545M APU	2557	650	NA	NA
Intel Core2 Quad Q9000 @ 2.00GHz	2554	651	6.57	\$389.00*
Intel Xeon E5335 @ 2.00GHz	2552	652	3.93	\$649.95*
Intel Celeron G1610 @ 2.60GHz	2550	653	59.32	\$42.99
Intel Core i5-4300Y @ 1.60GHz	2549	654	NA	NA
AMD A8-6410 APU	2544	656	NA	NA
Intel Celeron G1820T @ 2.40GHz	2544	655	60.57	\$42.00*
AMD Phenom 9550 Quad-Core	2543	657	25.44	\$99.97*
Intel Pentium G2020T @ 2.50GHz	2542	658	39.73	\$64.00*
Intel Core i3-2330M @ 2.20GHz	2541	659	NA	NA
AMD A6-6310 APU with AMD Radeon R4 Graphics	2521	660	NA	NA
Intel Pentium G640 @ 2.80GHz	2521	661	36.02	\$69.99*
Intel Xeon X5260 @ 3.33GHz	2512	662	2.95	\$851.00*
AMD Phenom II N950 Quad-Core	2511	663	NA	NA
AMD Phenom II N970 Quad-Core	2510	664	NA	NA
AMD Athlon X4 605e	2505	666	NA	NA
Intel Core i3-4010U @ 1.70GHz	2505	667	9.21	\$272.12
Intel Xeon L5320 @ 1.86GHz	2505	665	19.11	\$131.06*
Intel Core i3-2328M @ 2.20GHz	2502	668	NA	NA
Intel Core i3-3227U @ 1.90GHz	2494	669	NA	NA
Intel Xeon E5240 @ 3.00GHz	2492	670	NA	NA
AMD Phenom II X3 710	2486	672	29.42	\$84.53*
Intel Celeron G555 @ 2.70GHz	2486	671	41.46	\$59.99*
Intel Core i5 E 520 @ 2.40GHz	2486	NA	NA	NA
Intel Pentium G2030T @ 2.60GHz	2480	673	38.76	\$64.00*
Intel Xeon E3120 @ 3.16GHz	2479	674	NA	NA
AMD Athlon II X3 435	2464	675	17.61	\$139.99*
Intel Core i5-4202Y @ 1.60GHz	2464	676	NA	NA
AMD Athlon X3 435	2461	677	25.78	\$95.49*
Intel Core i3-4005U @ 1.70GHz	2459	678	NA	NA
Intel Xeon E5603 @ 1.60GHz	2456	679	12.16	\$201.99*
Intel Core i7-2610UE @ 1.50GHz	2454	680	NA	NA
Intel Core i5 M 480 @ 2.67GHz	2453	681	NA	NA
AMD A6-5200 APU	2437	682	NA	NA
Intel Core2 Duo E8600 @ 3.33GHz	2424	683	21.45	\$113.07
AMD Athlon X2 370K Dual Core	2421	684	NA	NA
Intel Xeon L3110 @ 3.00GHz	2419	685	NA	NA
Intel Celeron 2970M @ 2.20GHz	2416	686	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-6320 APU	2415	687	49.19	\$49.11
Intel Core i3-2310M @ 2.10GHz	2405	688	NA	NA
Intel Core i5 540M @ 2.53GHz	2404	689	6.41	\$375.13*
Intel Pentium G630 @ 2.70GHz	2396	690	34.57	\$69.32*
AMD A8-3510MX APU	2394	691	NA	NA
AMD A6-6400K APU	2383	692	40.90	\$58.29
Intel Core i3-2332M @ 2.20GHz	2382	693	NA	NA
Intel Core i5 520M @ 2.40GHz	2381	694	9.93	\$239.99*
AMD Phenom II X4 8700e	2377	695	NA	NA
AMD Athlon II X3 425	2374	696	38.93	\$60.99*
Intel Core i5 M 460 @ 2.53GHz	2372	697	NA	NA
Intel Celeron G1610T @ 2.30GHz	2367	698	56.37	\$42.00*
Intel Core2 Duo E8290 @ 2.83GHz	2353	NA	NA	NA
Intel Core i5-2467M @ 1.60GHz	2352	699	NA	NA
Intel Pentium G645T @ 2.50GHz	2334	700	NA	NA
AMD Phenom II X3 705e	2328	701	15.29	\$152.34*
AMD Phenom X4 Quad-Core GP-9600	2328	702	NA	NA
Intel Core i7 L 640 @ 2.13GHz	2327	703	NA	NA
AMD Athlon II X3 415e	2326	704	31.02	\$75.00*
AMD Phenom 9600 Quad-Core	2325	705	16.61	\$140.00*
AMD Phenom 9350e Quad-Core	2322	706	11.91	\$194.99*
AMD A8-3530MX APU	2320	707	NA	NA
Intel Pentium 2020M @ 2.40GHz	2319	708	17.31	\$134.00*
AMD Athlon X3 445	2314	709	NA	NA
Intel Pentium G6951 @ 2.80GHz	2311	710	NA	NA
AMD Phenom II N930 Quad-Core	2306	712	23.29	\$99.00*
Intel Celeron G550 @ 2.60GHz	2306	711	46.14	\$49.99*
Intel Core i3 M 390 @ 2.67GHz	2305	713	NA	NA
AMD Athlon X2 280	2303	NA	45.92	\$50.15
Intel Core2 Duo E8500 @ 3.16GHz	2303	714	74.30	\$31.00
Intel Core i3-3217U @ 1.80GHz	2298	715	NA	NA
Intel Celeron G1620T @ 2.40GHz	2287	716	54.46	\$42.00*
AMD Opteron 2376	2283	717	NA	NA
Intel Pentium G3320TE @ 2.30GHz	2276	718	NA	NA
Intel Xeon E5310 @ 1.60GHz	2271	719	28.70	\$79.14*
AMD A8-3520M APU	2268	720	NA	NA
Intel Pentium G620 @ 2.60GHz	2265	721	32.37	\$69.99
Intel Core i5-4210Y @ 1.50GHz	2263	722	NA	NA
AMD Phenom II X620 Dual-Core	2258	723	NA	NA
AMD Athlon X3 440	2256	724	25.65	\$87.99*

Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T9900 @ 3.06GHz	2256	725	5.66	\$398.95*
AMD Athlon X3 425	2255	727	NA	NA
AMD Opteron 8354	2255	726	205.04	\$11.00*
Intel Xeon E3110 @ 3.00GHz	2254	728	7.54	\$298.95*
Intel Core i5-2537M @ 1.40GHz	2252	729	NA	NA
Intel Celeron G540 @ 2.50GHz	2250	730	45.01	\$49.99
AMD Opteron 2393 SE	2246	NA	NA	NA
Intel Core i5 520 @ 2.40GHz	2244	731	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2240	732	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X3 425e	2239	733	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2238	734	NA	NA
AMD Phenom 8850 Triple-Core	2237	735	NA	NA
AMD Phenom II X3 700e	2232	736	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	NA	NA	NA
Intel Celeron 2950M @ 2.00GHz	2231	NA	NA	NA
Intel Core i3-3217UE @ 1.60GHz	2228	737	NA	NA
AMD Phenom 9500 Quad-Core	2226	738	24.75	\$89.96*
AMD Phenom 8850B Triple-Core	2218	739	NA	NA
Intel Pentium 3550M @ 2.30GHz	2214	740	NA	NA
Intel Core2 Duo E8700 @ 3.50GHz	2212	741	NA	NA
Intel Xeon L5240 @ 3.00GHz	2209	742	NA	NA
AMD Phenom X2 Dual-Core GE-5560	2206	743	NA	NA
AMD Athlon X2 270	2202	NA	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2201	744	NA	NA
AMD A6-3430MX APU	2200	745	NA	NA
Intel Core i7 L 620 @ 2.00GHz	2197	746	NA	NA
Intel Pentium 2030M @ 2.50GHz	2195	747	16.38	\$134.00*
AMD A4-6300 APU	2194	749	43.89	\$49.99
AMD Athlon II X2 B28	2194	748	NA	NA
AMD Athlon II X2 280	2186	750	NA	NA
AMD Phenom II X2 560	2185	751	19.75	\$110.69*
AMD A8-4555M APU	2182	752	NA	NA
Intel Core i3 E 330 @ 2.13GHz	2182	753	NA	NA
Intel Pentium G630T @ 2.30GHz	2177	754	27.22	\$79.99*
AMD Phenom II X2 565	2175	755	10.88	\$199.95*
Intel Core2 Extreme X9100 @ 3.06GHz	2172	756	2.55	\$851.00*
AMD Phenom 8750 Triple-Core	2169	757	NA	NA
Intel Celeron G530 @ 2.40GHz	2167	758	43.37	\$49.99*
Intel Core i3-4012Y @ 1.50GHz	2166	759	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2163	760	80.14	\$27.00
AMD A6-6400B APU	2159	761	NA	NA
AMD Phenom II X2 511	2159	762	NA	NA
Intel Core2 Duo E8435 @ 3.06GHz	2158	763	NA	NA
Intel Pentium A1018 @ 2.10GHz	2153	764	NA	NA
AMD A6-5400K APU	2146	765	37.02	\$57.97
Intel Pentium E6800 @ 3.33GHz	2145	766	20.74	\$103.43*
AMD Phenom 9150e Quad-Core	2141	767	NA	NA
AMD Athlon II X3 405e	2131	769	26.64	\$79.99*
AMD Phenom II X2 521	2131	768	NA	NA
AMD Phenom II X640 Dual-Core	2128	770	NA	NA
Intel Pentium G6960 @ 2.93GHz	2126	771	NA	NA
Intel Core2 Duo T9800 @ 2.93GHz	2122	772	5.01	\$423.89*
Intel Celeron G550T @ 2.20GHz	2120	773	NA	NA
AMD Phenom II P960 Quad-Core	2119	774	75.68	\$28.00*
Intel Core i3 M 380 @ 2.53GHz	2117	775	NA	NA
Intel Celeron G540T @ 2.10GHz	2114	776	NA	NA
AMD A6-3410MX APU	2112	777	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	778	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5 M 430 @ 2.27GHz	2109	779	NA	NA
AMD Phenom 8750B Triple-Core	2108	780	NA	NA
AMD GX-420CA SOC	2107	781	NA	NA
Intel Core i5 M 450 @ 2.40GHz	2103	782	NA	NA
AMD Athlon 5150 APU with Radeon R3	2093	783	NA	NA
AMD A6-3420M APU	2079	784	NA	NA
AMD A8-3500M APU	2065	785	NA	NA
AMD Athlon II X3 420e	2063	786	17.74	\$116.27*
Intel Pentium J2900 @ 2.41GHz	2058	787	NA	NA
AMD Phenom II X2 555	2054	788	7.08	\$289.95
AMD A4-6300B APU	2050	789	NA	NA
Intel Core i5-3339Y @ 1.50GHz	2049	790	NA	NA
Intel Pentium G640T @ 2.40GHz	2048	791	NA	NA
Intel Xeon 5160 @ 3.00GHz	2047	792	NA	NA
Intel Pentium G620T @ 2.20GHz	2046	793	25.58	\$79.99*
AMD Phenom II X2 550	2040	796	20.40	\$99.99*
AMD Phenom II X2 B57	2040	794	NA	NA
Intel Pentium B980 @ 2.40GHz	2040	795	NA	NA
Intel Core i3 M 370 @ 2.40GHz	2038	797	NA	NA
Intel Core i3-2312M @ 2.10GHz	2033	798	NA	NA
Intel Pentium J2850 @ 2.41GHz	2032	NA	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	2029	799	NA	NA

Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5300 APU	2028	800	42.32	\$47.93
AMD Athlon II X3 400e	2023	802	18.84	\$107.43*
AMD Phenom 8650 Triple-Core	2023	801	40.49	\$49.99*
AMD Phenom II X2 B59	2020	803	NA	NA
AMD A6-3500 APU	2015	804	16.80	\$119.95*
AMD Phenom 8450e Triple-Core	2012	805	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	2011	806	NA	NA
Intel Core2 Duo P9700 @ 2.80GHz	2009	807	NA	NA
AMD Athlon X2 340 Dual Core	2001	809	44.49	\$44.99
Intel Xeon E5320 @ 1.86GHz	2001	808	6.70	\$298.95*
AMD GX-415GA SOC	2000	810	NA	NA
AMD A4-4020 APU	1998	NA	44.42	\$44.99
AMD Athlon II X2 270	1988	811	33.74	\$58.95
Intel Core2 Duo E7600 @ 3.06GHz	1987	812	10.76	\$184.75*
AMD Phenom II N870 Triple-Core	1984	813	NA	NA
Intel Core2 Duo E6850 @ 3.00GHz	1978	814	9.89	\$199.95*
Intel Pentium B970 @ 2.30GHz	1978	815	NA	NA
AMD A6-3400M APU	1975	817	109.74	\$18.00*
Intel Core2 Duo T9600 @ 2.80GHz	1975	816	32.93	\$60.00*
Intel Core i7 610 @ 2.53GHz	1969	818	NA	NA
Intel Pentium E6700 @ 3.20GHz	1963	819	15.10	\$129.99
AMD A6-5350M APU	1962	820	NA	NA
Intel Xeon W3505 @ 2.53GHz	1949	821	NA	NA
AMD Phenom II X2 545	1946	822	20.28	\$95.99*
AMD Phenom II X2 B55	1935	823	33.37	\$58.00
AMD A6-5357M APU	1933	824	NA	NA
Intel Core2 Duo P9600 @ 2.66GHz	1929	825	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II P940 Quad-Core	1926	826	NA	NA
AMD Phenom II P920 Quad-Core	1924	827	106.94	\$18.00*
Intel Celeron J1900 @ 1.99GHz	1920	828	NA	NA
AMD Opteron 2224 SE	1919	829	NA	NA
AMD Phenom 8600B Triple-Core	1916	830	36.16	\$52.99*
Intel Pentium E6600 @ 3.06GHz	1911	832	7.65	\$249.95*
Intel Pentium N3530 @ 2.16GHz	1911	831	NA	NA
AMD A4-5150M APU	1910	833	NA	NA
AMD Athlon X2 260	1910	835	NA	NA
Intel Core i3 M 350 @ 2.27GHz	1910	834	NA	NA
Intel Core2 Extreme X6800 @ 2.93GHz	1909	836	7.24	\$263.64*
AMD A6-5400B APU	1906	837	NA	NA
AMD A4-5000 APU	1904	838	NA	NA
AMD Phenom II N850 Triple-Core	1901	839	105.65	\$18.00
Intel Celeron 1005M @ 1.90GHz	1901	840	NA	NA
Intel Pentium E5800 @ 3.20GHz	1898	841	42.89	\$44.25*
Intel Pentium N3520 @ 2.16GHz	1896	842	NA	NA
Intel Pentium 2127U @ 1.90GHz	1894	843	14.14	\$134.00*
AMD Phenom II N830 Triple-Core	1893	845	NA	NA
Intel Core i7 U 660 @ 1.33GHz	1893	844	NA	NA
AMD Athlon II X2 260	1884	846	39.01	\$48.31*
Intel Pentium B960 @ 2.20GHz	1883	847	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1882	848	NA	NA
AMD Phenom 8450 Triple-Core	1881	849	36.91	\$50.99*
Intel Core2 Duo E7500 @ 2.93GHz	1880	850	9.45	\$198.95*
AMD Phenom 8550 Triple-Core	1871	851	NA	NA
Intel Pentium G6950 @ 2.80GHz	1866	852	20.76	\$89.89*
AMD Phenom II N660 Dual-Core	1856	853	20.86	\$89.00*
AMD Athlon II X2 250e	1855	854	24.18	\$76.73*
AMD Athlon II X2 B24	1852	855	NA	NA
Intel Core i3-2375M @ 1.50GHz	1847	856	NA	NA
AMD Phenom 9100e Quad-Core	1846	857	10.27	\$179.81*
AMD Athlon II X2 255	1842	858	30.71	\$59.98*
Intel Xeon 3075 @ 2.66GHz	1840	859	5.26	\$349.95*
Intel Pentium 3558U @ 1.70GHz	1839	860	NA	NA
AMD Athlon II X2 B26	1830	862	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1830	861	5.38	\$340.00*
Intel Core i3-2377M @ 1.50GHz	1826	863	NA	NA
Intel Core2 Duo T9500 @ 2.60GHz	1824	864	NA	NA
Intel Xeon L5238 @ 2.66GHz	1823	865	NA	NA
AMD Athlon II X2 265	1820	866	24.28	\$74.98*
Intel Core i3 M 330 @ 2.13GHz	1811	867	NA	NA
AMD Athlon 64 X2 Dual Core 6400+	1810	868	NA	NA
AMD Athlon X2 235e	1806	869	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1805	870	6.04	\$298.95*
Intel Celeron B840 @ 1.90GHz	1803	871	NA	NA
AMD Athlon 64 FX-72	1794	872	NA	NA
Intel Core i7 U 680 @ 1.47GHz	1794	873	NA	NA
Intel Core2 Duo E8235 @ 2.80GHz	1790	874	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1037U @ 1.80GHz	1782	875	NA	NA
Intel Xeon 3070 @ 2.66GHz	1781	876	2.97	\$598.95*
Intel Core i7 U 640 @ 1.20GHz	1776	877	NA	NA
Intel Core i3-4010Y @ 1.30GHz	1774	878	NA	NA

Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 3850 APU with Radeon R3	1773	879	NA	NA
Intel Core2 Duo E8335 @ 2.66GHz	1772	880	NA	NA
Intel Core2 Extreme X7800 @ 2.60GHz	1771	881	NA	NA
Intel Xeon W3503 @ 2.40GHz	1770	882	NA	NA
Intel Pentium B940 @ 2.00GHz	1767	883	NA	NA
AMD Athlon II X2 250	1762	884	11.75	\$149.95
Intel Pentium E6500 @ 2.93GHz	1762	885	NA	NA
AMD A4-5300B APU	1761	886	NA	NA
Intel Pentium E5700 @ 3.00GHz	1761	887	17.61	\$99.99*
Intel Core2 Duo E7400 @ 2.80GHz	1760	888	22.86	\$77.00*
AMD Phenom II P860 Triple-Core	1758	889	NA	NA
AMD Phenom II P840 Triple-Core	1755	890	NA	NA
Intel Core2 Duo T9400 @ 2.53GHz	1751	891	4.94	\$354.94*
Intel Xeon E5503 @ 2.00GHz	1744	892	8.47	\$205.99*
AMD Opteron 1222	1740	893	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1738	895	NA	NA
Intel Xeon 5150 @ 2.66GHz	1738	894	104.31	\$16.67*
Intel Core2 Duo E6750 @ 2.66GHz	1730	896	10.24	\$169.00*
AMD A4-3420 APU	1727	898	NA	NA
Intel Celeron G1101 @ 2.27GHz	1727	897	20.33	\$85.00*
Intel Celeron N2930 @ 1.83GHz	1726	900	NA	NA
Intel Core i3-2367M @ 1.40GHz	1726	899	NA	NA
Intel Core2 Duo E7300 @ 2.66GHz	1724	901	NA	NA
AMD Phenom II N620 Dual-Core	1721	902	57.40	\$30.00*
AMD Athlon II X2 240e	1720	903	22.92	\$75.06*
Intel Core i3-2340UE @ 1.30GHz	1719	NA	NA	NA
Intel Core2 Duo E6700 @ 2.66GHz	1719	904	5.93	\$289.99*
Intel Celeron 1000M @ 1.80GHz	1718	905	NA	NA
Intel Core2 Duo P8800 @ 2.66GHz	1716	906	5.54	\$309.99*
Intel Pentium B950 @ 2.10GHz	1715	907	NA	NA
Intel Core2 Duo P9600 @ 2.53GHz	1710	908	17.28	\$99.00*
Intel Core2 Duo T9300 @ 2.50GHz	1708	909	6.84	\$249.95*
AMD A4-4300M APU	1707	910	NA	NA
AMD Athlon II X2 245	1701	911	35.35	\$48.13*
AMD Athlon X2 250	1700	912	NA	NA
Intel Pentium E6300 @ 2.80GHz	1699	913	18.88	\$90.00*
AMD Phenom 8400 Triple-Core	1698	914	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	915	NA	NA
AMD Phenom 8600 Triple-Core	1694	917	31.97	\$52.99*
Intel Core2 Duo E8135 @ 2.66GHz	1694	916	NA	NA
Intel Core i3-2365M @ 1.40GHz	1691	918	NA	NA
AMD Turion II N550 Dual-Core	1689	920	NA	NA
Intel Core2 Duo P9400 @ 2.40GHz	1689	919	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	921	NA	NA
Intel Pentium N3510 @ 1.99GHz	1686	922	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 220	1677	924	NA	NA
AMD Opteron 2220	1677	923	111.86	\$15.00*
AMD Athlon 7850 Dual-Core	1672	925	33.45	\$50.00*
AMD Athlon II X2 235e	1671	926	19.21	\$87.00*
AMD Athlon X2 240e	1670	927	NA	NA
Intel Core2 Duo P8700 @ 2.53GHz	1669	928	53.86	\$31.00*
AMD Phenom II N640 Dual-Core	1668	929	NA	NA
Intel Pentium 2117U @ 1.80GHz	1657	930	12.37	\$134.00*
Intel Xeon 5140 @ 2.33GHz	1653	931	NA	NA
Intel Core2 Duo E7200 @ 2.53GHz	1652	932	8.70	\$189.95*
AMD Athlon II X2 4400e	1645	933	NA	NA
Intel Core2 Duo T7800 @ 2.60GHz	1643	934	2.70	\$607.99*
AMD A6-4400M APU	1639	935	NA	NA
AMD Athlon 64 X2 Dual Core 5800+	1636	936	18.19	\$90.00*
AMD Turion II Ultra Dual-Core Mobile M640	1636	937	NA	NA
AMD Athlon II X2 240	1633	938	32.68	\$50.00*
Intel Core i3-2357M @ 1.30GHz	1630	939	NA	NA
AMD Athlon II N370 Dual-Core	1629	940	NA	NA
Intel Xeon 3060 @ 2.40GHz	1628	941	5.45	\$298.95*
AMD Athlon X2 255	1627	943	NA	NA
Intel Pentium E5400 @ 2.70GHz	1627	942	40.69	\$40.00*
Intel Pentium E5500 @ 2.80GHz	1616	944	24.13	\$67.00*
AMD Athlon X2 245	1614	948	NA	NA
AMD Opteron 1220	1614	946	NA	NA
Athlon 64 Dual Core 5400+	1614	945	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	947	NA	NA
Intel Core2 Duo P9300 @ 2.26GHz	1612	950	NA	NA
Intel Pentium 3556U @ 1.70GHz	1612	949	NA	NA
AMD E2-3800 APU	1610	951	NA	NA
AMD Opteron 2220 SE	1609	952	NA	NA
AMD Phenom 8250 Triple-Core	1608	953	NA	NA
Intel Core i3-3229Y @ 1.40GHz	1608	954	NA	NA
Intel Celeron G530T @ 2.00GHz	1604	NA	NA	NA
AMD Athlon 64 X2 Dual Core 6000+	1603	955	9.40	\$170.65*
Intel Celeron 1017U @ 1.60GHz	1603	956	NA	NA
AMD A4-3400 APU	1600	957	11.27	\$142.07*
AMD Athlon II X2 215	1599	958	31.99	\$50.00
Intel Xeon 5133 @ 2.20GHz	1598	959	NA	NA

Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 245e	1594	960	21.19	\$75.24*
AMD Turion II N530 Dual-Core	1594	961	79.70	\$20.00*
AMD Athlon II X2 B22	1590	964	NA	NA
Intel Celeron 2957U @ 1.40GHz	1590	963	NA	NA
Intel Xeon 5148 @ 2.33GHz	1590	962	107.06	\$14.86*
AMD Athlon 7750 Dual-Core	1586	965	17.63	\$89.99*
AMD Phenom II P650 Dual-Core	1581	966	63.25	\$25.00*
AMD Phenom II X2 B53	1578	967	NA	NA
AMD A6-1450 APU	1576	968	NA	NA
AMD Athlon X2 215	1575	969	NA	NA
AMD Opteron 2218	1574	970	80.76	\$19.50*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5 U 560 @ 1.33GHz	1568	971	NA	NA
Intel Core2 Duo E8135 @ 2.40GHz	1565	972	NA	NA
Intel Atom Z3795 @ 1.60GHz	1560	973	NA	NA
Intel Celeron 2955U @ 1.40GHz	1555	975	NA	NA
Intel Celeron N2920 @ 1.86GHz	1555	974	NA	NA
Intel Core2 Duo E6600 @ 2.40GHz	1553	976	NA	NA
AMD Athlon 64 FX-62 Dual Core	1550	977	NA	NA
AMD A6-5345M APU	1549	978	NA	NA
Athlon 64 Dual Core 5600+	1548	979	NA	NA
AMD Sempron X2 190	1547	980	NA	NA
Intel Core2 Duo P8600 @ 2.40GHz	1546	981	9.19	\$168.27*
AMD Turion II Ultra Dual-Core Mobile M620	1541	982	NA	NA
AMD Athlon X2 240	1535	983	NA	NA
Intel Pentium E5300 @ 2.60GHz	1535	984	NA	NA
AMD Turion II P560 Dual-Core	1534	985	NA	NA
AMD Phenom 8250e Triple-Core	1533	986	32.64	\$46.99*
AMD Athlon II X2 4450e	1532	NA	NA	NA
AMD Opteron 290	1530	989	11.34	\$135.00*
AMD Phenom II P820 Triple-Core	1530	988	NA	NA
Intel Xeon 3065 @ 2.33GHz	1530	987	NA	NA
AMD A4-3300 APU	1527	990	37.25	\$41.00
AMD Athlon II X2 225	1526	991	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1526	992	NA	NA
Intel Celeron B830 @ 1.80GHz	1522	993	NA	NA
AMD Opteron 2216	1518	994	NA	NA
AMD E2-3200 APU	1513	995	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1509	996	79.45	\$19.00*
AMD Athlon Dual Core 5600B	1496	997	NA	NA
AMD Athlon 64 FX-74	1495	998	2.99	\$499.50*
AMD Phenom X4 Quad-Core GP-9500	1493	999	NA	NA
AMD Turion II P540 Dual-Core	1490	1000	NA	NA
Intel Celeron E3400 @ 2.60GHz	1489	1001	29.80	\$49.99*
AMD Athlon 7450 Dual-Core	1486	1004	NA	NA
Intel Pentium E5200 @ 2.50GHz	1486	1003	29.73	\$50.00*
Intel Xeon E5502 @ 1.87GHz	1486	1002	7.25	\$204.99*
AMD Athlon Dual Core 5400B	1483	1005	NA	NA
Athlon 64 Dual Core 5000+	1482	1006	NA	NA
Intel Core2 Duo T8300 @ 2.40GHz	1480	1007	6.92	\$213.99*
Intel Core2 Duo L9600 @ 2.13GHz	1478	1008	NA	NA
Intel Pentium 997 @ 1.60GHz	1474	1009	NA	NA
AMD Athlon 64 X2 Dual Core 5600+	1472	1010	11.33	\$129.95*
AMD Opteron 285	1470	1013	NA	NA
Intel Celeron B820 @ 1.70GHz	1470	1012	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1470	1011	6.39	\$229.99*
Intel Core2 Duo P8400 @ 2.26GHz	1469	1014	7.43	\$197.79*
AMD Opteron 1218	1468	1015	NA	NA
Intel Celeron 1007U @ 1.50GHz	1458	1017	NA	NA
Intel Core i5 U 540 @ 1.20GHz	1458	1016	NA	NA
Intel Core2 Duo P7570 @ 2.26GHz	1456	1018	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	NA	NA	NA
Intel Core2 Duo E4700 @ 2.60GHz	1446	1020	14.46	\$100.00*
Intel Core2 Duo T7700 @ 2.40GHz	1446	1019	12.18	\$118.79*
AMD Opteron 1218 HE	1444	1021	NA	NA
AMD Athlon Dual Core 4850B	1443	1022	NA	NA
Intel Celeron P4600 @ 2.00GHz	1443	1024	NA	NA
Intel Core i7 U 620 @ 1.07GHz	1443	1023	NA	NA
Intel Celeron E3500 @ 2.70GHz	1437	1025	15.08	\$95.36*
Intel Core2 Duo P7450 @ 2.13GHz	1437	1026	7.69	\$186.99*
AMD Phenom X2 Dual-Core GP-7730	1435	1027	NA	NA
Intel Xeon E5205 @ 1.86GHz	1435	1028	NA	NA
AMD Athlon 7550 Dual-Core	1426	1029	23.00	\$62.00*
AMD Athlon X2 440	1424	1030	NA	NA
AMD Turion II Neo N54L Dual-Core	1419	1031	NA	NA
Intel Celeron E3200 @ 2.40GHz	1417	1032	27.26	\$51.99*
AMD Opteron 2214 HE	1415	1033	NA	NA
Intel Xeon 5130 @ 2.00GHz	1413	1034	3.93	\$359.99*
Intel Core2 Duo T6600 @ 2.20GHz	1411	1035	NA	NA
AMD Athlon 64 X2 Dual Core 5400+	1410	1036	26.62	\$52.99*
AMD Opteron 1216	1409	1037	NA	NA

Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron E3300 @ 2.50GHz	1401	1038	25.48	\$54.99*
AMD Turion II Ultra Dual-Core Mobile M600	1400	1039	NA	NA
Intel Core2 Duo E4600 @ 2.40GHz	1392	1040	7.00	\$198.95*
AMD Turion II Dual-Core Mobile M540	1389	1041	NA	NA
Intel Core2 Duo E6540 @ 2.33GHz	1382	1042	NA	NA
Intel Core2 Duo T6670 @ 2.20GHz	1381	1043	NA	NA
AMD Athlon II X2 210e	1376	1045	NA	NA
Intel Pentium T4500 @ 2.30GHz	1376	1044	NA	NA
AMD Athlon II X2 4300e	1374	1046	NA	NA
AMD Athlon 64 X2 Dual Core 5200+	1371	1047	30.22	\$45.39*
Intel Xeon 3050 @ 2.13GHz	1371	1048	4.16	\$329.95*
Athlon 64 Dual Core 4800+	1370	1049	NA	NA
Intel Core2 Duo E6420 @ 2.13GHz	1370	1050	NA	NA
AMD Opteron 280	1369	1051	76.11	\$18.00*
Intel Celeron B815 @ 1.60GHz	1369	1052	NA	NA
Intel Pentium P6300 @ 2.27GHz	1368	1053	NA	NA
AMD Athlon 64 X2 4600+	1365	1054	3.90	\$349.95*
VIA QuadCore L4700 @ 1.2+ GHz	1363	NA	NA	NA
AMD Turion II P520 Dual-Core	1360	1055	NA	NA
AMD Opteron 185	1359	1056	NA	NA
AMD Opteron 2214	1358	1057	90.58	\$15.00*
AMD Athlon II P360 Dual-Core	1354	1058	96.74	\$14.00
Intel E1600 @ 2.40GHz	1349	NA	NA	NA
AMD Athlon Dual Core 5200B	1347	1059	NA	NA
AMD Athlon 64 FX-60 Dual Core	1346	1060	NA	NA
AMD A4-3330MX APU	1343	1061	NA	NA
AMD Turion II Dual-Core Mobile M520	1342	1062	33.59	\$39.98*
Intel Pentium P6200 @ 2.13GHz	1341	1063	NA	NA
Intel Atom E3845 @ 1.91GHz	1340	1064	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5 520UM @ 1.07GHz	1336	1065	NA	NA
Intel Pentium E2220 @ 2.40GHz	1336	1066	19.95	\$67.00*
Intel Core i5 U 430 @ 1.20GHz	1335	1067	NA	NA
Intel Atom Z3775 @ 1.46GHz	1334	1068	38.12	\$35.00*
Intel Pentium P6100 @ 2.00GHz	1334	1069	NA	NA
Intel Celeron B800 @ 1.50GHz	1332	1070	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1071	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1330	1072	NA	NA
AMD Athlon Dual Core 4850e	1329	1073	NA	NA
Athlon Dual Core 4850e	1327	1074	NA	NA
Intel Celeron 877 @ 1.40GHz	1324	1075	NA	NA
Intel Core2 Duo T7600 @ 2.33GHz	1324	1076	NA	NA
Intel Celeron 887 @ 1.50GHz	1323	1077	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1321	1078	NA	NA
Intel Celeron B810 @ 1.60GHz	1315	1079	NA	NA
AMD Athlon 64 X2 Dual Core 5000+	1313	1080	3.96	\$331.49*
AMD Athlon 5200 Dual-Core	1311	1081	23.91	\$54.87*
Intel Core2 Duo L9400 @ 1.86GHz	1309	1082	NA	NA
AMD Opteron 1212 HE	1308	1083	NA	NA
AMD A4-3310MX APU	1305	1084	NA	NA
AMD Turion II Dual-Core Mobile M500	1303	1085	NA	NA
AMD A6-4455M APU	1301	1087	NA	NA
Intel Pentium T4400 @ 2.20GHz	1301	1086	NA	NA
Intel Core2 Duo T6500 @ 2.10GHz	1300	1088	16.43	\$79.16*
AMD Opteron 275	1291	1089	117.37	\$11.00*
AMD Athlon 64 X2 4200+	1285	1091	4.30	\$298.95*
Intel Core2 Duo E6400 @ 2.13GHz	1285	1092	4.30	\$298.95*
Intel Core2 Duo T8100 @ 2.10GHz	1285	1090	6.80	\$189.00*
AMD Turion X2 Dual Core Mobile RM-74	1283	1093	7.24	\$177.19*
AMD Athlon Dual Core 5050e	1280	1096	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1280	1094	NA	NA
Intel Atom Z3770 @ 1.46GHz	1280	1095	NA	NA
AMD Athlon 64 X2 Dual Core 4800+	1279	1097	25.60	\$50.00
Intel Core2 Duo P7370 @ 2.00GHz	1278	1098	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1278	1099	NA	NA
AMD Athlon X2 Dual Core BE-2400	1277	1100	NA	NA
AMD Opteron 1214	1276	1101	NA	NA
AMD Athlon II N350 Dual-Core	1275	1102	NA	NA
AMD A4-3305M APU	1272	1105	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1272	1104	NA	NA
Intel Celeron N2910 @ 1.60GHz	1272	1106	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1272	1103	9.16	\$139.00*
AMD Opteron 2212	1270	1107	NA	NA
AMD Athlon 64 X2 4800+	1269	1108	21.16	\$60.00*
Intel Core i5 U 470 @ 1.33GHz	1266	1109	NA	NA
Intel Pentium P6000 @ 1.87GHz	1264	1110	NA	NA
AMD Athlon II P340 Dual-Core	1263	1111	12.42	\$101.67*
Intel Core2 Duo E4500 @ 2.20GHz	1262	1112	9.71	\$129.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1261	1113	21.04	\$59.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T6570 @ 2.10GHz	1261	1114	NA	NA
Intel Xeon 3040 @ 1.86GHz	1259	1115	9.00	\$140.00*

Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon64 X2 Dual Core 4800+	1258	1116	NA	NA
AMD Athlon II X2 270u	1255	1117	18.55	\$67.67*
AMD Opteron 180	1253	1118	11.40	\$110.00
AMD Sempron X2 180	1252	1119	NA	NA
AMD Athlon X2 Dual Core BE-2450	1251	1120	NA	NA
Intel Core2 Duo T7400 @ 2.16GHz	1249	1121	NA	NA
Intel Pentium T4300 @ 2.10GHz	1241	1122	NA	NA
Intel Xeon 5120 @ 1.86GHz	1237	1123	4.67	\$265.00*
Intel Pentium 3560Y @ 1.20GHz	1235	1124	NA	NA
AMD A4-3300M APU	1234	1125	68.59	\$18.00*
Athlon 64 Dual Core 3800+	1234	NA	NA	NA
AMD Athlon Dual Core 5000B	1230	1126	12.96	\$95.00*
Intel Core2 Duo T6400 @ 2.00GHz	1226	1127	16.85	\$72.79*
Intel Pentium 987 @ 1.50GHz	1225	1128	NA	NA
AMD Athlon II P320 Dual-Core	1222	1129	111.14	\$11.00
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1218	1130	87.37	\$13.95*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1212	1131	1.24	\$979.99*
AMD Phenom X4 Quad-Core GS-5560	1211	1132	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1210	1133	NA	NA
AMD A4-3320M APU	1208	1134	NA	NA
AMD Athlon Dual Core 4450B	1207	1135	33.97	\$35.56*
Intel Core i3 U 380 @ 1.33GHz	1205	1136	NA	NA
AMD Athlon 64 X2 Dual Core 4600+	1203	1137	3.44	\$349.95
AMD Opteron 175	1199	1138	NA	NA
Intel Celeron 867 @ 1.30GHz	1199	1139	NA	NA
Intel Pentium 967 @ 1.30GHz	1195	1140	NA	NA
Intel Core2 Duo T7300 @ 2.00GHz	1193	1141	NA	NA
Intel Celeron P4500 @ 1.87GHz	1191	1142	NA	NA
Intel Pentium E2200 @ 2.20GHz	1191	1143	12.95	\$91.99*
AMD Athlon 5000 Dual-Core	1188	1146	39.61	\$29.99*
AMD Athlon II N330 Dual-Core	1188	1145	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	1144	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1186	1147	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1184	1148	NA	NA
Intel Core2 Duo T7200 @ 2.00GHz	1182	1149	NA	NA
Intel Celeron E1600 @ 2.40GHz	1181	1150	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	1151	NA	NA
Intel Celeron G470 @ 2.00GHz	1180	1152	NA	NA
Intel Pentium E2210 @ 2.20GHz	1180	1153	NA	NA
AMD Turion X2 Dual-Core Mobile RM-75	1179	1155	NA	NA
Intel Core2 Duo E6320 @ 1.86GHz	1179	1154	NA	NA
AMD E2-3000M APU	1176	1156	NA	NA
AMD Opteron 1216 HE	1172	1157	NA	NA
Intel Celeron 857 @ 1.20GHz	1168	1158	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1165	1159	NA	NA
AMD A4-4355M APU	1164	1160	NA	NA
AMD Turion II Neo K685 Dual-Core	1158	1161	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T4200 @ 2.00GHz	1157	1162	NA	NA
Athlon 64 Dual Core 4200+	1156	1163	NA	NA
Intel Xeon 3.73GHz	1153	1164	NA	NA
AMD Athlon II Dual-Core M300	1150	1165	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	1166	NA	NA
Intel Pentium 957 @ 1.20GHz	1145	1167	NA	NA
AMD Athlon 64 X2 QL-67	1144	1168	NA	NA
Intel Pentium T3400 @ 2.16GHz	1141	1169	NA	NA
Intel Core i5 S 750 @ 2.40GHz	1139	1170	NA	NA
AMD Athlon II Dual-Core M320	1137	1171	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1134	1172	NA	NA
Intel Core2 Duo E4400 @ 2.00GHz	1133	1173	10.49	\$108.00*
Intel Core i3 U 330 @ 1.20GHz	1131	1174	NA	NA
AMD Athlon 64 X2 Dual Core 4400+	1128	1175	3.78	\$298.95
Intel Celeron 847E @ 1.10GHz	1124	1176	NA	NA
Intel Atom Z3745 @ 1.33GHz	1123	1177	NA	NA
Intel Core2 Duo E6300 @ 1.86GHz	1121	1178	NA	NA
Intel Core2 Duo T5800 @ 2.00GHz	1120	1179	NA	NA
Intel Celeron E1500 @ 2.20GHz	1119	1180	22.41	\$49.96*
Intel Core2 Duo L7800 @ 2.00GHz	1116	NA	NA	NA
Intel Core2 Duo T5870 @ 2.00GHz	1115	1181	NA	NA
AMD Turion 64 X2 Mobile TL-66	1111	1182	NA	NA
AMD Athlon II X2 260u	1108	1184	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1108	1183	NA	NA
AMD Athlon II Dual-Core M340	1107	1186	NA	NA
AMD Turion 64 X2 Mobile TL-68	1107	1185	12.31	\$90.00*
Intel Core2 Duo L9300 @ 1.60GHz	1105	1187	NA	NA
Intel Core2 Duo T7250 @ 2.00GHz	1103	1188	5.48	\$201.48*
Intel Celeron G465 @ 1.90GHz	1100	1189	28.20	\$39.04*
AMD Athlon 64 X2 Dual Core BE-230	1095	1190	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1093	1191	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1092	1193	5.58	\$195.65*
AMD E2-3000 APU	1092	1192	NA	NA
Intel Celeron J1800 @ 2.41GHz	1091	1194	NA	NA
AMD Turion 64 X2 TL-60	1090	1195	NA	NA
Intel Pentium 2129Y @ 1.10GHz	1087	1196	8.12	\$134.00*



Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5750 @ 2.00GHz	1085	1197	37.83	\$28.70*
AMD Opteron 270	1083	1198	9.05	\$119.63*
AMD Athlon 64 X2 Dual Core BE-2300	1082	1199	NA	NA
AMD Sempron Dual Core 4900	1081	1200	NA	NA
Athlon Dual Core 4450e	1081	1201	NA	NA
Intel Atom Z3740D @ 1.33GHz	1080	1202	NA	NA
AMD Opteron 170	1078	1203	NA	NA
Intel Atom Z3740 @ 1.33GHz	1075	1204	NA	NA
AMD Turion 64 X2 TL-62	1071	1205	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1068	1207	4.77	\$224.26*
Intel Xeon 5110 @ 1.60GHz	1068	1206	9.63	\$111.02*
Intel Pentium E2180 @ 2.00GHz	1067	1208	5.93	\$179.95*
AMD Athlon Dual Core 4050e	1066	1209	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 X2 Mobile TL-62	1063	1210	3.53	\$301.00*
Intel Celeron T1700 @ 1.83GHz	1058	1211	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1057	1212	10.58	\$100.00*
AMD Turion 64 X2 Mobile TL-64	1055	1213	26.81	\$39.39*
AMD Turion X2 Dual-Core Mobile RM-74	1053	1214	52.83	\$19.95
Intel Celeron J1750 @ 2.41GHz	1048	NA	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1047	1215	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1046	1216	NA	NA
AMD Athlon Dual Core 4450e	1045	1217	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	1218	NA	NA
AMD Athlon64 X2 Dual Core 4200+	1042	1219	NA	NA
Intel Pentium T3200 @ 2.00GHz	1041	1220	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1040	1221	260.18	\$4.00*
AMD Athlon X2 Dual Core BE-2350	1038	1222	NA	NA
AMD TurionX2 Dual Core Mobile RM-70	1038	1223	NA	NA
Intel Celeron E1400 @ 2.00GHz	1037	1224	26.61	\$39.00*
Intel Core2 Duo T7100 @ 1.80GHz	1036	1225	2.60	\$398.95*
Intel Celeron 1019Y @ 1.00GHz	1032	1227	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1032	1226	NA	NA
AMD TurionX2 Dual Core Mobile RM-74	1030	1228	NA	NA
Intel Celeron G460 @ 1.80GHz	1030	1229	NA	NA
Intel 1500 @ 2.00GHz	1024	1230	NA	NA
AMD Athlon 64 X2 QL-65	1022	1231	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	1232	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	1020	1233	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1017	1234	NA	NA
AMD Athlon64 X2 Dual Core 3800+	1016	1235	NA	NA
AMD Turion Dual-Core RM-74	1016	NA	NA	NA
AMD Athlon II X2 250u	1011	1237	NA	NA
Intel Celeron N2820 @ 2.13GHz	1011	1236	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	1238	NA	NA
AMD Athlon 64 X2 Dual Core 3400+	1003	1239	NA	NA
Intel Pentium Extreme Edition 965 @ 3.73GHz	1000	1240	NA	NA
AMD Athlon 64 X2 Dual Core 3800+	999	1241	NA	NA
AMD Athlon 64 X2 QL-62	996	1242	NA	NA
Intel Pentium E2160 @ 1.80GHz	995	1243	10.48	\$95.00*
AMD Sempron 2650 APU with Radeon R3	993	1244	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	990	1245	NA	NA
Intel Core2 Duo U9400 @ 1.40GHz	990	1246	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	989	1247	NA	NA
AMD Athlon 64 X2 TK-57	988	1248	NA	NA
Intel Celeron N2830 @ 2.16GHz	987	1249	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	986	1250	NA	NA
Intel Atom Z3735E @ 1.33GHz	986	NA	46.99	\$21.00*
AMD Opteron 1212	983	1251	NA	NA
Intel Celeron 847 @ 1.10GHz	982	1252	NA	NA
Intel 1400 @ 1.83GHz	980	1253	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	976	1254	NA	NA
Intel Pentium Extreme Edition 955 @ 3.46GHz	972	1255	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2410 @ 2.00GHz	972	1256	NA	NA
AMD Athlon 64 X2 Dual Core TK-57	971	1258	NA	NA
AMD Opteron 1210 HE	971	1257	NA	NA
Intel Atom Z3735D @ 1.33GHz	971	1259	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	968	1260	NA	NA
AMD Turion II Neo N40L Dual-Core	964	1261	NA	NA
AMD Opteron 256	963	1263	NA	NA
AMD Opteron 265	963	1264	NA	NA
AMD Turion 64 X2 Mobile TL-60	963	1262	32.14	\$29.99*
AMD Turion 64 X2 Mobile TL-58	962	1265	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	958	1266	7.23	\$132.56*
Athlon Dual Core 4050e	958	1267	NA	NA
Intel Pentium U5600 @ 1.33GHz	956	1268	NA	NA
AMD Athlon 64 X2 TK-55	955	1269	NA	NA
AMD Athlon X2 Dual Core BE-2300	951	1271	NA	NA
AMD TurionX2 Dual Core Mobile RM-76	951	1270	NA	NA
AMD Sempron Dual Core 4700	948	1272	NA	NA
Intel Celeron T1600 @ 1.66GHz	947	1273	NA	NA

Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P7500 @ 1.60GHz	945	1274	NA	NA
Intel T1400 @ 1.73GHz	944	1275	NA	NA
AMD Athlon 64 X2 QL-64	943	1277	NA	NA
AMD Sempron Dual Core 2300	943	1276	22.47	\$41.99*
Intel Core2 Duo T5300 @ 1.73GHz	942	1278	NA	NA
AMD Athlon 64 X2 3800+	940	1279	NA	NA
Intel Core Duo T2600 @ 2.16GHz	939	1280	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	937	1281	NA	NA
Intel T1500 @ 1.86GHz	937	1282	NA	NA
AMD Sempron Dual Core 2200	933	1283	NA	NA
Intel Celeron N2815 @ 1.86GHz	929	1284	NA	NA
AMD Turion II Neo K625 Dual-Core	927	1286	NA	NA
Intel Pentium T2390 @ 1.86GHz	927	1285	NA	NA
AMD Athlon 64 X2 Dual-Core TK-57	923	1289	NA	NA
AMD Opteron 1210	923	1287	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	1288	NA	NA
AMD E1-2500 APU	918	1290	NA	NA
Intel Atom S1260 @ 2.00GHz	916	NA	14.32	\$64.00*
Intel Celeron P4505 @ 1.87GHz	915	1291	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	914	1292	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	911	1293	NA	NA
Intel Core2 Duo U7300 @ 1.30GHz	911	1294	NA	NA
AMD Opteron 165	906	1295	NA	NA
Intel U4100 @ 1.30GHz	902	1296	NA	NA
AMD GX-217GA SOC	900	1297	NA	NA
AMD Athlon 64 X2 QL-60	899	1298	NA	NA
AMD Athlon II Neo K345 Dual-Core	897	1300	NA	NA
AMD Turion 64 X2 TL-58	897	1299	NA	NA
Intel Pentium U5400 @ 1.20GHz	894	1301	NA	NA
AMD Athlon 64 X2 Dual-Core TK-42	893	1302	NA	NA
AMD Athlon 64 X2 QL-66	891	1303	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo T2500 @ 2.00GHz	890	1304	7.43	\$119.99*
AMD Athlon X2 Dual Core 6850e	889	1305	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	888	1306	NA	NA
Intel Celeron N2807 @ 1.58GHz	883	1307	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	879	1308	73.32	\$12.00*
AMD Sempron Dual Core 2100	878	1309	22.51	\$39.00*
AMD Turion Dual-Core RM-75	876	1310	114.55	\$7.65
AMD Turion Dual-Core RM-70	873	1311	436.86	\$2.00
AMD Turion X2 Dual Core L510	871	1312	NA	NA
Intel Pentium E2140 @ 1.60GHz	870	1313	13.00	\$67.00*
AMD Turion Neo X2 Dual Core L625	869	1314	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	869	1315	NA	NA
Intel 1300 @ 1.66GHz	857	1316	NA	NA
AMD Athlon 64 X2 Dual Core TK-55	854	1317	14.80	\$57.74*
AMD Turion 64 X2 Mobile TL-56	854	1318	3.71	\$230.00
AMD E2-1800 APU	848	1319	NA	NA
Intel Atom D2700 @ 2.13GHz	842	1321	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	1320	NA	NA
AMD E2-2000 APU	834	1322	NA	NA
Intel Pentium T2330 @ 1.60GHz	833	1323	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	832	1324	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	831	1325	NA	NA
Intel Pentium D 960 @ 3.60GHz	828	1326	NA	NA
Intel Core Duo T2450 @ 2.00GHz	824	1327	NA	NA
Intel Celeron E1200 @ 1.60GHz	822	1328	19.14	\$42.99*
Intel Core2 Duo L7300 @ 1.40GHz	822	1329	NA	NA
Intel Celeron N2810 @ 2.00GHz	820	1330	NA	NA
Intel Celeron B720 @ 1.70GHz	814	1331	NA	NA
AMD Sempron 150	812	1332	NA	NA
AMD Athlon II Neo N36L Dual-Core	811	1333	NA	NA
AMD Athlon Neo X2 Dual Core L335	810	1334	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	808	1335	NA	NA
Intel Atom Z3770D @ 1.49GHz	805	NA	NA	NA
Intel Pentium T2370 @ 1.73GHz	804	1336	NA	NA
AMD Sempron 145	803	1337	21.18	\$37.95
Intel Core Duo T2400 @ 1.83GHz	802	1338	50.17	\$16.00*
Intel Celeron SU2300 @ 1.20GHz	801	1339	NA	NA
AMD Athlon 64 FX-25	794	1340	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	790	1341	79.18	\$9.99*
AMD G-T56N	785	1342	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	785	1343	NA	NA
AMD Athlon II Neo K325 Dual-Core	784	1344	NA	NA
AMD E-450 APU	784	1345	NA	NA
AMD G-T48E	783	1346	NA	NA
AMD Athlon Neo X2 Dual Core L325	772	1347	NA	NA
AMD Athlon X2 Dual Core 3250e	768	1348	NA	NA
Intel Core Duo T2250 @ 1.73GHz	766	1349	NA	NA
Intel Celeron U3600 @ 1.20GHz	763	1350	NA	NA
AMD E-350	762	1352	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.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2806 @ 1.60GHz	762	1351	NA	NA
AMD Opteron 252	760	1353	25.34	\$29.99*
AMD Sempron LE-1640	759	1354	NA	NA
AMD Turion 64 X2 Mobile TL-52	756	1355	NA	NA
Intel Pentium D 950 @ 3.40GHz	754	1356	NA	NA
AMD Turion 64 X2 Mobile TL-50	753	1357	75.38	\$9.99*
AMD G-T56E	751	1358	NA	NA
Intel Celeron G440 @ 1.60GHz	747	1359	14.95	\$49.99*
Intel Core Duo T2350 @ 1.86GHz	745	1360	NA	NA
Intel Core Duo T2300 @ 1.66GHz	743	1361	NA	NA
AMD Opteron 154	741	1362	NA	NA
AMD Sempron 140	732	1363	17.04	\$42.99*
AMD Athlon 64 FX-57	731	1364	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	1365	NA	NA
AMD E-350 APU	727	1368	NA	NA
AMD E-350D APU	727	1367	NA	NA
Intel Pentium T2130 @ 1.86GHz	727	1366	NA	NA
AMD V160	726	1369	NA	NA
Intel Celeron 925 @ 2.30GHz	722	1370	NA	NA
AMD Turion Dual-Core RM-72	721	1371	40.06	\$18.00*
AMD Athlon LE-1660	720	1372	NA	NA
Intel Pentium T2080 @ 1.73GHz	720	1373	NA	NA
Intel Celeron U3400 @ 1.07GHz	717	1374	NA	NA
Intel Core Duo L2300 @ 1.50GHz	712	1376	NA	NA
Intel Pentium T2310 @ 1.46GHz	712	1375	NA	NA
Intel Atom D2560 @ 2.00GHz	711	NA	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	1377	NA	NA
AMD E1-1500 APU	710	1379	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	710	1378	NA	NA
Intel Pentium 5 2.66GHz	705	1380	NA	NA
Intel Core Duo L2400 @ 1.66GHz	700	1381	NA	NA
Intel Atom D2701 @ 2.13GHz	699	1382	NA	NA
Intel Atom D525 @ 1.80GHz	699	1383	NA	NA
Intel Celeron 900 @ 2.20GHz	696	1385	NA	NA
Intel Core Duo T2050 @ 1.60GHz	696	1384	NA	NA
AMD Athlon 64 FX-55	693	1386	1.16	\$598.95*
AMD E1-1200 APU	693	1387	NA	NA
AMD Opteron 254	693	NA	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	688	1388	NA	NA
AMD Athlon 1640B	684	1389	13.69	\$50.00*
Intel Celeron U3405 @ 1.07GHz	684	1390	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	1391	NA	NA
Intel Atom D510 @ 1.66GHz	681	1392	NA	NA
Intel Atom Z2760 @ 1.80GHz	679	1393	NA	NA
Intel Pentium T2060 @ 1.60GHz	676	1394	NA	NA
AMD Sempron 130	672	1395	22.42	\$29.99*
AMD A4-1200 APU	670	1396	NA	NA
AMD V140	668	1397	167.11	\$4.00
Intel Atom D2550 @ 1.86GHz	666	1399	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo U7600 @ 1.20GHz	666	1398	NA	NA
AMD Turion 64 Mobile ML-42	661	1400	NA	NA
AMD Opteron 152	658	1401	NA	NA
Intel Atom K510 @ 1.66GHz	658	1402	NA	NA
AMD Opteron 250	649	1403	7.49	\$86.67*
Intel Pentium D 830 @ 3.00GHz	649	1404	NA	NA
AMD Athlon 64 FX-53	646	1405	NA	NA
Intel Atom N2800 @ 1.86GHz	645	1406	NA	NA
VIA Nano L3600@2000MHz	645	1407	NA	NA
Intel Core 330 @ 1.60GHz	643	1408	NA	NA
AMD Athlon X2 Dual Core L310	642	1409	NA	NA
VIA Nano X2 U4025 @ 1.2 GHz	639	NA	NA	NA
Intel Celeron 450 @ 2.20GHz	637	1410	NA	NA
AMD Athlon LE-1640	636	1411	NA	NA
AMD Sempron LE-1620	635	1412	NA	NA
AMD V120	634	1413	NA	NA
AMD Opteron 246	632	1414	NA	NA
AMD Athlon 64 4000+	624	1416	4.16	\$149.95*
AMD E-300 APU	624	1415	NA	NA
AMD E1-2100 APU	621	1417	NA	NA
AMD Athlon LE-1620	616	1418	34.27	\$18.00*
Intel Core2 Duo U7500 @ 1.06GHz	612	1419	NA	NA
AMD Sempron M120	610	1420	NA	NA
Mobile AMD Athlon 64 4000+	608	1421	NA	NA
AMD Sempron LE-1300	606	1422	24.25	\$24.99*
AMD Opteron 150	604	1423	NA	NA
Intel Xeon 3.80GHz	604	1424	0.71	\$851.00*
Intel Atom 330 @ 1.60GHz	603	1425	NA	NA
AMD Athlon 64 3600+	601	1426	NA	NA
AMD A4-1250 APU	599	1427	NA	NA
Intel Pentium D 915 @ 2.80GHz	598	1428	NA	NA
Intel Atom N570 @ 1.66GHz	595	1429	6.92	\$86.00*
AMD Turion 64 Mobile ML-44	591	1430	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	1431	NA	NA

Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 570 @ 2.26GHz	588	1432	NA	NA
AMD Athlon 64 3700+	586	1433	11.73	\$50.00*
AMD Athlon 64 3800+	585	1436	4.50	\$129.95*
AMD Athlon II 160u	585	1434	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	1435	NA	NA
VIA Nano L3050@1800MHz	581	1437	NA	NA
AMD C-70 APU	577	1438	NA	NA
AMD Athlon 64 3300+	576	1439	NA	NA
AMD Athlon 64 2200+	575	1440	NA	NA
AMD Opteron 148	574	1441	NA	NA
AMD Athlon II 170u	573	1443	NA	NA
AMD Athlon LE-1600	573	1442	NA	NA
Mobile AMD Athlon XP	572	1444	NA	NA
AMD Athlon XP 3400+	570	1445	NA	NA
AMD Turion 64 MK-38	568	1446	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	1447	NA	NA
AMD Z-60 APU	560	NA	NA	NA
Intel Atom E3825 @ 1.33GHz	560	1448	NA	NA
Intel Pentium M 2.26GHz	558	1449	NA	NA
Intel Celeron 560 @ 2.13GHz	556	1450	8.31	\$67.00*
AMD Sempron M100	555	1451	NA	NA
AMD Sempron 3800+	554	1452	NA	NA
AMD C-60 APU	553	1453	NA	NA
Intel Core Duo U2400 @ 1.06GHz	551	1454	NA	NA
AMD Athlon 64 3400+	550	1455	NA	NA
Intel Celeron M 540 @ 1.86GHz	542	1456	NA	NA
Intel Core Duo U2500 @ 1.20GHz	542	1458	NA	NA
VIA Nano L2100@1800MHz	542	1457	NA	NA
AMD Athlon XP-M	541	1460	NA	NA
AMD Sempron LE-1250	541	1459	18.67	\$28.99*
Intel Pentium D 805 @ 2.66GHz	540	1461	NA	NA
Intel Pentium 4 3.73GHz	539	1462	NA	NA
Intel Atom N2600 @ 1.60GHz	538	1463	NA	NA
AMD Turion 64 X2 TL-52	537	1464	NA	NA
AMD Turion 64 Mobile MT-40	536	1465	NA	NA
Intel U2400 @ 1.06GHz	536	1466	NA	NA
AMD Sempron LE-1600	535	1467	NA	NA
AMD Athlon 64 3500+	533	1468	13.00	\$41.00
AMD Athlon II Neo K145	532	1469	NA	NA
AMD Opteron 146	532	1470	8.87	\$59.99*
Intel Celeron 440 @ 2.00GHz	528	1471	NA	NA
Intel Pentium M 2.10GHz	526	1472	NA	NA
AMD Turion 64 Mobile ML-40	525	1473	NA	NA
AMD Turion 64 Mobile MK-38	523	1476	NA	NA
AMD Z-01	523	1474	NA	NA
Mobile AMD Sempron 3800+	523	1475	NA	NA
AMD Sempron LE-1200	522	1477	NA	NA
AMD Athlon TF-36	518	1478	NA	NA
Intel Pentium M 2.13GHz	517	1479	NA	NA
VIA Nano L3025@1600MHz	517	1480	NA	NA
AMD G-T40N	516	1481	NA	NA
Intel Atom N550 @ 1.50GHz	512	1482	5.96	\$86.00*
Intel Xeon 3.60GHz	512	1484	0.60	\$851.00*
Mobile AMD Athlon XP-M	512	1483	NA	NA
AMD Opteron 144	511	1486	7.87	\$65.00*
Mobile AMD Athlon 64 3400+	511	1485	NA	NA
Mobile AMD Athlon XP-M (LV)	508	1487	NA	NA
Intel Celeron 550 @ 2.00GHz	505	1488	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	1489	NA	NA
Intel Xeon 3.20GHz	504	1490	NA	NA
Intel Celeron 540 @ 1.86GHz	502	1491	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	1492	NA	NA
AMD Athlon MP 2800+	497	1493	NA	NA
Intel Celeron N2805 @ 1.46GHz	497	1494	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 3200+	496	1495	3.55	\$139.95*
Mobile AMD Athlon MP-M 2800+	496	1496	NA	NA
Intel U2500 @ 1.20GHz	495	1497	NA	NA
Intel Pentium 4 3.80GHz	492	1498	NA	NA
Intel Xeon 3.06GHz	491	1499	NA	NA
AMD Sempron LE-250	490	1501	NA	NA
Intel Celeron 430 @ 1.80GHz	490	1500	12.28	\$39.95*
Intel Pentium 4 3.46GHz	487	1502	NA	NA
Mobile AMD Athlon XP-M 3200+	487	1503	NA	NA
AMD Athlon 2850e	486	1504	NA	NA
AMD Athlon 3100+	485	1505	NA	NA
AMD Sempron 3300+	484	1507	15.64	\$30.99*
AMD Turion 64 Mobile MT-37	484	1506	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	1508	NA	NA
AMD Athlon XP 3100+	483	1509	NA	NA
AMD G-T40E	482	1510	NA	NA

Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron D 420 @ 1.60GHz	481	1511	NA	NA
AMD Athlon 3000+	480	1512	NA	NA
Intel Celeron 530 @ 1.73GHz	478	1514	7.14	\$67.00*
Intel Xeon 3.40GHz	478	1515	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	1513	NA	NA
AMD Opteron 248	476	1516	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	1517	NA	NA
AMD Athlon QI-46	473	1518	NA	NA
Intel Core Solo T1400 @ 1.83GHz	473	1520	NA	NA
Intel Pentium M 2.00GHz	473	1519	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	473	NA	NA	NA
AMD Athlon II Neo K125	471	1521	NA	NA
Intel Celeron M 530 @ 1.73GHz	468	1522	NA	NA
AMD Athlon 64 3000+	467	1523	6.23	\$74.95*
Intel Core2 Solo U3500 @ 1.40GHz	466	1524	NA	NA
AMD Athlon XP 2300+	464	1526	NA	NA
AMD Sempron 3600+	464	1525	NA	NA
AMD Athlon 2400+	462	1528	NA	NA
Mobile AMD Sempron 3300+	462	1527	NA	NA
AMD Athlon 2800+	460	1529	8.35	\$55.13*
AMD C-50	460	1530	NA	NA
AMD Athlon XP 2900+	459	1531	NA	NA
AMD Athlon 3200+	458	1533	4.63	\$98.95*
Intel Celeron 420 @ 1.60GHz	458	1532	3.28	\$139.99*
VIA Nano L1900@1400MHz	457	1534	NA	NA
AMD Sempron 3100+	455	1535	5.89	\$77.44*
Intel Celeron 743 @ 1.30GHz	455	1536	NA	NA
AMD Turion 64 Mobile MK-36	450	1539	NA	NA
AMD Turion 64 Mobile ML-37	450	1538	2.29	\$196.50*
Mobile AMD Athlon 64 3000+	450	1537	NA	NA
Intel Celeron M 450 @ 2.00GHz	449	1540	NA	NA
AMD C-60	445	1541	NA	NA
AMD Athlon 2600+	444	1543	14.55	\$30.53*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Sempron 3600+	444	1542	NA	NA
AMD Sempron 3400+	443	1544	22.20	\$20.00*
AMD Sempron 3500+	443	1545	NA	NA
AMD Sempron SI-40	442	1546	NA	NA
AMD Sempron SI-42	442	1547	NA	NA
AMD Sempron LE-1100	440	1549	NA	NA
Mobile AMD Athlon 64 2800+	440	1548	NA	NA
Mobile AMD Athlon XP-M 3100+	440	1550	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	1551	NA	NA
Intel Pentium M 1.86GHz	438	1552	NA	NA
AMD Athlon 64 FX-51	437	1554	NA	NA
AMD Sempron LE-1150	437	1556	NA	NA
AMD Turion 64 Mobile ML-34	437	1553	NA	NA
Mobile AMD Sempron 3400+	437	1555	NA	NA
AMD Athlon MP 2400+	436	1557	NA	NA
Intel Celeron M 520 @ 1.60GHz	435	1559	NA	NA
Intel T1200 @ 1.50GHz	435	1560	NA	NA
Intel Xeon 2.66GHz	435	1558	NA	NA
AMD Athlon 64 2800+	434	1561	4.34	\$99.99*
AMD Athlon XP 3200+	434	1562	NA	NA
Intel Xeon 2.80GHz	431	1564	NA	NA
Intel Xeon 3.00GHz	431	1563	NA	NA
AMD Athlon TF-20	430	1565	NA	NA
AMD Sempron 3200+	429	1566	21.49	\$20.00*
AMD Opteron 142	428	1567	NA	NA
Intel U2700 @ 1.30GHz	426	1568	NA	NA
Intel Pentium 4 3.60GHz	425	1569	NA	NA
AMD Turion 64 Mobile MT-32	424	1570	NA	NA
AMD Athlon 2650e	422	1571	42.27	\$10.00*
Mobile AMD Athlon 64 3200+	422	1572	NA	NA
AMD Turion 64 Mobile ML-32	420	1573	NA	NA
AMD Turion 64 Mobile MT-28	419	1574	NA	NA
Intel Celeron M 723 @ 1.20GHz	418	1575	NA	NA
Mobile AMD Sempron 3100+	418	1576	NA	NA
Intel Pentium M 1.70GHz	417	1577	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	1579	NA	NA
Intel Pentium M 1.73GHz	415	1578	NA	NA
AMD Turion 64 Mobile MT-34	414	1580	NA	NA
Mobile AMD Sempron 3500+	413	1581	NA	NA
AMD Athlon 2100+	412	1582	NA	NA
VIA Nano U3300@1200MHz	409	1583	NA	NA
AMD Sempron 3000+	406	1584	7.40	\$54.95*
Intel Core Solo T1300 @ 1.66GHz	406	1586	NA	NA
Intel Core Solo T1350 @ 1.86GHz	406	1585	NA	NA
AMD Athlon XP 2800+	405	1589	NA	NA
Intel Pentium 4 3.40GHz	405	1588	NA	NA
VIA Nano L2007@1600MHz	405	1587	NA	NA
Intel Celeron D 3.60GHz	404	1590	4.50	\$89.95*
AMD Athlon XP 3000+	403	1591	5.22	\$77.27*

Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD K7	403	1592	NA	NA
AMD-K7	403	1593	NA	NA
Mobile AMD Sempron 2600+	403	1594	NA	NA
Intel Celeron 723 @ 1.20GHz	402	1596	NA	NA
Intel Celeron D 220 @ 1.20GHz	402	1595	NA	NA
AMD Athlon XP2200+	401	1597	NA	NA
Mobile AMD Sempron 3000+	399	1598	NA	NA
AMD Turion 64 Mobile ML-30	398	1599	NA	NA
AMD Turion 64 Mobile MT-30	398	1601	NA	NA
Mobile AMD Athlon 64 2700+	398	1600	NA	NA
Mobile AMD Athlon XP-M 2800+	398	1602	NA	NA
Intel Celeron M 1.70GHz	397	1603	NA	NA
AMD Opteron 140	396	1604	NA	NA
Intel Pentium M 1.80GHz	395	1605	NA	NA
VIA Esther 2000MHz	394	1606	NA	NA
AMD Sempron 2100+	392	1608	NA	NA
Intel Atom D2500 @ 1.86GHz	392	1607	NA	NA
AMD Athlon XP2400+	391	1610	NA	NA
Mobile AMD Athlon XP-M 2600+	391	1609	NA	NA
AMD Athlon 2000+	390	1612	NA	NA
AMD Turion 64 Mobile ML-28	390	1611	NA	NA
Intel Celeron M 440 @ 1.86GHz	389	1613	NA	NA
Intel Pentium M 1700MHz	387	1614	NA	NA
Intel Celeron M 430 @ 1.73GHz	385	1615	NA	NA
Intel Pentium 4 3.20GHz	385	1616	NA	NA
AMD Sempron 2800+	383	1617	NA	NA
Intel Atom Z550 @ 2.00GHz	381	1618	NA	NA
Mobile AMD Sempron 2800+	381	1619	NA	NA
AMD Athlon 64 FX-34	380	1620	NA	NA
AMD Athlon XP 2700+	380	1621	4.49	\$84.79*
Mobile AMD Athlon 4 2400+	379	1622	NA	NA
Mobile AMD Athlon MP-M 2000+	378	1623	NA	NA
AMD Sempron 210U	377	1625	NA	NA
Intel Celeron M 1.60GHz	377	1626	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	1624	NA	NA
AMD Athlon XP 2600+	376	1628	16.36	\$23.03*
AMD Sempron 2600+	376	1629	7.54	\$49.95*
Mobile AMD Athlon XP-M 2200+	376	1627	NA	NA
AMD Athlon 2500+	374	1630	13.82	\$27.09*
AMD Athlon 64 2600+	374	NA	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	1631	NA	NA
AMD Athlon Neo MV-40	371	1633	NA	NA
Intel Pentium M 1.60GHz	371	1632	NA	NA
Mobile AMD Athlon 2500+	370	1634	NA	NA
Mobile Intel Pentium 4 3.20GHz	370	1635	NA	NA
Intel Pentium M 1.40GHz	369	1636	NA	NA
Mobile AMD Athlon XP-M 2500+	369	1637	NA	NA
VIA C7-D 2000MHz	368	1638	NA	NA
AMD Athlon XP Pro3+	367	1639	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M 3000+	365	1640	NA	NA
AMD Athlon 2200+	363	1642	5.20	\$69.99*
Mobile AMD Athlon 64 3700+	363	1641	NA	NA
Intel Celeron 807UE @ 1.00GHz	362	NA	NA	NA
Intel Pentium 4 3.00GHz	361	1643	NA	NA
AMD Athlon XP 2500+	360	1644	NA	NA
Intel Celeron 3.33GHz	358	1645	NA	NA
AMD Athlon XP 2400+	357	1646	16.53	\$21.63*
Intel Atom E3815 @ 1.46GHz	356	1648	NA	NA
VIA Nano U2500@1200MHz	356	1647	NA	NA
Intel Pentium M 1500MHz	355	1649	NA	NA
Intel Pentium M 1600MHz	354	1650	NA	NA
AMD Athlon XP1900+	353	1651	NA	NA
Intel Pentium 4 3.06GHz	352	1652	NA	NA
AMD E-240	351	1653	NA	NA
Intel Atom N475 @ 1.83GHz	351	1654	NA	NA
Intel Pentium M 1.50GHz	350	1655	NA	NA
AMD Athlon 1700+	349	1658	NA	NA
AMD Sempron 2500+	349	1660	NA	NA
Intel Celeron 215 @ 1.33GHz	349	1656	NA	NA
Intel Celeron M 1.50GHz	349	1659	NA	NA
Mobile AMD Sempron 3200+	349	1657	NA	NA
Intel Atom Z540 @ 1.86GHz	348	1661	NA	NA
Intel Atom E680 @ 1.60GHz	346	1662	NA	NA
Intel Celeron 220 @ 1.20GHz	345	1664	NA	NA
Mobile Intel Pentium 4 2.80GHz	345	1663	NA	NA
AMD Athlon XP 1700	344	1666	NA	NA
Intel Celeron M 420 @ 1.60GHz	344	1665	NA	NA
Mobile AMD Athlon XP-M 2400+	344	1667	NA	NA
Intel Pentium M 1.30GHz	343	1668	NA	NA
Mobile AMD Athlon XP-M 1900+	342	1669	NA	NA

Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D425 @ 1.80GHz	341	1670	NA	NA
AMD Athlon XP 2100+	340	1671	NA	NA
VIA Nano L2207@1600MHz	340	NA	NA	NA
AMD Athlon MP 1700+	339	1672	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	1673	NA	NA
Intel Pentium III 1400MHz	336	1674	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	1675	NA	NA
Intel Celeron D 3.46GHz	334	1676	NA	NA
Intel Celeron M 410 @ 1.46GHz	334	1677	NA	NA
AMD Athlon XP 2200+	333	1678	3.92	\$84.95*
Intel Pentium 4 2.80GHz	331	1679	NA	NA
Intel Atom N470 @ 1.83GHz	329	1680	NA	NA
Intel Celeron D 3.33GHz	328	1682	NA	NA
Intel Celeron M 1.40GHz	328	1681	NA	NA
Intel Core Solo U1500 @ 1.33GHz	326	1683	NA	NA
Intel Celeron M 1400MHz	325	1684	NA	NA
Intel Pentium M 1400MHz	324	1685	NA	NA
Mobile AMD Athlon XP-M 1700+	323	1686	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP2000+	322	1687	NA	NA
AMD Sempron 2400+	322	1688	14.66	\$22.00*
Intel Celeron M 1500MHz	322	1689	NA	NA
Intel Atom N2100 @ 1.60GHz	321	1690	NA	NA
Intel Celeron M 1.30GHz	319	1692	NA	NA
Intel Pentium 4 Family 2.53GHz	319	1691	NA	NA
AMD Sempron 2300+	318	1693	NA	NA
AMD Athlon 1500+	317	1694	NA	NA
AMD C-30	315	1696	NA	NA
Intel Atom D410 @ 1.66GHz	315	1697	0.50	\$635.99*
Intel Core N270 @ 1.60GHz	315	1695	NA	NA
Mobile AMD Athlon 4	314	1698	3.62	\$86.99*
Intel Celeron D 3.20GHz	313	1700	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	1699	NA	NA
AMD Athlon XP 1800+	312	1701	5.30	\$58.95*
Mobile AMD Athlon XP-M 1800+	312	1702	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	1703	NA	NA
Intel Pentium III - S 1400MHz	311	1704	NA	NA
AMD Athlon XP 2000+	310	1705	7.77	\$39.99*
Intel Pentium III - S 1266MHz	309	1706	NA	NA
Mobile Intel Celeron 1333MHz	309	1707	NA	NA
Intel Pentium 4 2.93GHz	308	1708	NA	NA
Intel Pentium M 1.20GHz	307	1710	NA	NA
Mobile AMD Athlon XP-M 2000+	307	1709	NA	NA
Intel N270 @ 1.60GHz	306	1711	NA	NA
VIA Nano U3500@1000MHz	306	1712	NA	NA
AMD V105	304	1713	NA	NA
AMD Athlon XP 1900+	303	1714	NA	NA
AMD G-T52R	303	1717	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	303	1716	NA	NA
Intel Pentium M 1300MHz	303	1715	NA	NA
Intel Celeron 1400MHz	302	1718	NA	NA
Intel Pentium III family 1400MHz	302	1719	NA	NA
Intel Celeron M 1300MHz	301	1720	NA	NA
Intel U1400 @ 1.20GHz	301	1721	NA	NA
AMD Sempron 2200+	299	1722	10.00	\$29.99*
AMD Athlon L110	298	1723	NA	NA
Intel Pentium III family 1133MHz	296	1724	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	1725	NA	NA
Intel Atom 230 @ 1.60GHz	295	1727	NA	NA
Intel Celeron 3.06GHz	295	1726	NA	NA
Intel Pentium 4 2.60GHz	295	1728	NA	NA
Mobile AMD Athlon MP-M 2400+	295	NA	NA	NA
Mobile Intel Celeron 1200MHz	294	1729	NA	NA
Intel Pentium M 1.10GHz	293	1730	NA	NA
Intel Atom N280 @ 1.66GHz	292	1731	NA	NA
AMD Geode NX 1750	291	1733	NA	NA
Intel Celeron 3.20GHz	291	1732	NA	NA
Intel Atom N450 @ 1.66GHz	290	1735	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom N455 @ 1.66GHz	290	1734	NA	NA
Intel Celeron 1333MHz	290	1737	NA	NA
Intel Pentium 4 Family 2.40GHz	290	1736	NA	NA
AMD Athlon	289	1738	NA	NA
Intel Celeron D 3.06GHz	289	1741	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	1739	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	1740	NA	NA
686 Gen	288	1744	NA	NA
AMD Athlon 7850 Dual-Core 2.8G	288	1746	NA	NA
Intel Celeron 1300MHz	288	1745	NA	NA
Intel Pentium M 1200MHz	288	1743	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	1742	NA	NA
AMD Athlon XP2100+	287	1749	NA	NA

Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 2.40GHz	287	1747	31.64	\$9.10*
VIA C7-D 1500MHz	287	1748	NA	NA
Intel Celeron 2.93GHz	285	1750	NA	NA
Intel Pentium III 1133MHz	284	1751	NA	NA
VIA C7 1500MHz	284	1752	NA	NA
AMD Athlon XP 1500	282	1755	NA	NA
Intel Atom N270 @ 1.60GHz	282	1754	NA	NA
Intel Celeron 1133MHz	282	1753	NA	NA
AMD Athlon XP1600+	281	1756	NA	NA
Intel Atom Z530 @ 1.60GHz	281	1758	NA	NA
Mobile Intel Celeron 2.50GHz	281	1757	NA	NA
AMD Athlon 4	279	1759	5.02	\$55.73
Mobile Intel Pentium 4 2.66GHz	279	1760	NA	NA
Mobile Intel Pentium III - M 1200MHz	279	1761	NA	NA
Intel Pentium III 1200MHz	278	1762	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	1763	6.38	\$43.56*
Intel U1300 @ 1.06GHz	276	1764	NA	NA
Intel Celeron M 1200MHz	275	1766	NA	NA
Intel Xeon 2.00GHz	275	1765	NA	NA
Intel Celeron M 443 @ 1.20GHz	274	1767	NA	NA
Intel Pentium III Mobile 1200MHz	274	1768	NA	NA
Intel Atom E660 @ 1.30GHz	271	1769	5.03	\$54.00*
AMD Athlon XP 1700+	270	1771	NA	NA
Intel Pentium III family 1266MHz	270	1770	NA	NA
Intel Pentium 4 2.50GHz	269	1772	NA	NA
Intel Pentium III Mobile 1066MHz	268	1773	NA	NA
AMD Sempron 200U	267	1774	NA	NA
Mobile AMD Athlon 1400+	266	1775	NA	NA
Mobile AMD Athlon MP-M 1800+	265	NA	NA	NA
Mobile AMD Sempron 2100+	265	1776	NA	NA
AMD Geode NX	264	1777	NA	NA
Mobile Intel Pentium 4 2.40GHz	264	1778	NA	NA
Intel Celeron 1200MHz	263	1779	NA	NA
Intel Celeron 2.80GHz	262	1780	NA	NA
Intel Pentium 4 2.66GHz	262	1781	NA	NA
Mobile AMD Athlon XP-M 1500+	261	1782	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.66GHz	260	1784	NA	NA
Intel Core Solo U1400 @ 1.20GHz	260	1783	NA	NA
Intel Celeron 1066MHz	259	1785	NA	NA
Intel Pentium M 1100MHz	259	1786	NA	NA
Mobile AMD Athlon XP-M 1600+	257	1787	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	1788	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	255	1789	NA	NA
Intel Celeron 2.53GHz	254	1790	NA	NA
Intel Celeron 2.50GHz	253	1792	NA	NA
Mobile Intel Celeron 2.20GHz	253	1791	NA	NA
AMD G-T44R	252	1795	NA	NA
Intel Atom Z670 @ 1.50GHz	252	1793	NA	NA
Intel XEON 2.20GHz	252	1794	NA	NA
Intel Pentium III Mobile 1133MHz	251	1796	NA	NA
AMD Athlon XP 1600+	250	1799	NA	NA
Intel Pentium 4 2.53GHz	250	1797	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	1800	NA	NA
VIA Esther 1300MHz	250	1798	NA	NA
AMD Athlon XP 1500+	249	1801	NA	NA
Intel Celeron M 1.00GHz	247	1803	NA	NA
Intel Pentium M 1000MHz	247	1802	NA	NA
Intel Celeron 2.70GHz	246	1804	NA	NA
Intel Pentium III Mobile 1000MHz	245	1805	NA	NA
Intel Celeron 2.10GHz	244	1806	NA	NA
Intel Celeron 2.60GHz	243	1807	NA	NA
Intel Celeron 1000MHz	241	1808	NA	NA
Mobile Intel Celeron 2.00GHz	241	1809	NA	NA
Mobile Intel Celeron 2.40GHz	239	1810	NA	NA
Intel Pentium III - S 933MHz	238	1811	NA	NA
Intel Atom N435 @ 1.33GHz	235	1812	NA	NA
Intel Pentium 4 2.40GHz	235	1813	NA	NA
AMD Athlon XP1700+	234	1814	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	1815	NA	NA
AMD Athlon MP	230	1816	8.98	\$25.68*
Intel Celeron 2.26GHz	227	1817	NA	NA
Intel Celeron 2.30GHz	227	1819	NA	NA
Intel Celeron 2.40GHz	227	1818	NA	NA
Intel Pentium 4 2.26GHz	226	1821	NA	NA
Mobile Intel Pentium III - M 933MHz	226	1820	NA	NA
Intel Atom Z520 @ 1.33GHz	222	1823	NA	NA
VIA C7-M 6300MHz	222	1822	NA	NA
Intel Celeron 2.13GHz	221	1825	NA	NA
Mobile Intel Pentium 4 - M 1.80GHz	221	1824	NA	NA
Intel Pentium M 900MHz	220	1827	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	220	1826	NA	NA
VIA Esther 1500MHz	219	1828	NA	NA
Intel Atom Z515 @ 1.20GHz	218	1830	NA	NA



Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 2.20GHz	218	1831	NA	NA
Intel Pentium III Mobile 933MHz	218	1829	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.20GHz	216	1832	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	215	1833	NA	NA
Intel Pentium III Mobile 866MHz	214	1834	NA	NA
Intel Pentium 4 Mobile 2.00GHz	211	1836	NA	NA
Mobile Intel Pentium III - M 866MHz	211	1835	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	1837	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	1838	NA	NA
VIA C7-M 1600MHz	208	1839	NA	NA
Intel Celeron M 900MHz	206	1840	NA	NA
Intel Pentium III Mobile 800MHz	201	1841	NA	NA
Intel Pentium 4 Mobile 1.60GHz	199	1842	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	1844	NA	NA
VIA C7-D 1800MHz	197	1843	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	1845	NA	NA
Intel Atom Z510 @ 1.10GHz	194	1846	4.33	\$45.00*
Intel Pentium 4 1600MHz	193	1848	NA	NA
Intel Xeon 1500MHz	193	1847	NA	NA
Intel Pentium 4 2.00GHz	191	1849	NA	NA
Mobile Intel Celeron 1.50GHz	188	1850	NA	NA
Mobile Intel Celeron 1.60GHz	188	1851	NA	NA
Intel Celeron 2.00GHz	187	1852	NA	NA
Mobile Intel Celeron 1.80GHz	186	1853	NA	NA
Intel Celeron M 800MHz	184	1856	NA	NA
Intel Pentium 4 4.00GHz	184	1854	NA	NA
Mobile AMD Athlon XP-M 1400+	184	1855	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	182	1857	NA	NA
Mobile Intel Celeron 1.70GHz	181	1858	NA	NA
Intel Pentium 4 1800MHz	176	1859	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	1860	NA	NA
Intel Celeron 1100MHz	174	1862	NA	NA
Intel Pentium 4 1.90GHz	174	1861	NA	NA
Mobile Intel Celeron 1.20GHz	170	1863	NA	NA
Intel Pentium 4 1700MHz	169	1864	NA	NA
VIA Esther 1000MHz	169	1865	NA	NA
Intel Pentium 4 1.40GHz	164	1866	NA	NA
VIA C7-M 1000MHz	164	1867	NA	NA
Intel Pentium 4 1.80GHz	160	1868	NA	NA
VIA Eden 800MHz	155	1869	NA	NA
VIA Nehemiah	155	1870	NA	NA
VIA C7-M 1200MHz	154	1871	NA	NA
Intel Celeron M 600MHz	151	1872	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	1873	NA	NA
Intel Celeron 600MHz	147	1874	NA	NA
Intel Pentium 4 1.60GHz	139	1875	NA	NA
Intel Celeron 1.80GHz	136	1877	NA	NA
Intel Pentium 4 1.50GHz	136	1876	NA	NA
Intel Celeron 1.70GHz	131	1879	NA	NA
Intel Pentium 4 1.70GHz	131	1878	NA	NA
Intel Pentium 4 1400MHz	127	1880	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 1500MHz	125	1881	NA	NA
Intel Pentium 4 1300MHz	119	1882	NA	NA
AMD Athlon 64 2000+	116	NA	NA	NA
AMD-K6-III	108	1883	NA	NA
Intel Pentium III Mobile 750MHz	103	1884	NA	NA
VIA C3 Ezra	100	1885	NA	NA
AMD-K6 3D	90	1886	NA	NA
VIA Samuel 2	79	1887	NA	NA

\* - Last price seen from our affiliates.

### Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Athlon 64 FX-74	3364	123	3.37	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	NA	NA	NA
[Dual CPU] AMD Opteron 2212	2150	NA	NA	NA
[Dual CPU] AMD Opteron 2214 HE	2310	NA	NA	NA
[Dual CPU] AMD Opteron 2216	2536	135	NA	NA
[Dual CPU] AMD Opteron 2216 HE	2593	NA	NA	NA
[Dual CPU] AMD Opteron 2218	2430	137	62.31	\$39.00*
[Dual CPU] AMD Opteron 2218 HE	2397	NA	NA	NA
[Dual CPU] AMD Opteron 2220	2995	128	99.83	\$30.00*

Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2222	2929	129	NA	NA
[Dual CPU] AMD Opteron 2222 SE	3303	124	NA	NA
[Dual CPU] AMD Opteron 2350	4421	116	8.19	\$539.98*
[Dual CPU] AMD Opteron 2354	4243	NA	NA	NA
[Dual CPU] AMD Opteron 2356	4946	NA	8.80	\$562.18*
[Dual CPU] AMD Opteron 2360 SE	5334	106	121.23	\$44.00*
[Dual CPU] AMD Opteron 2376	5358	105	NA	NA
[Dual CPU] AMD Opteron 2378	5559	NA	15.53	\$358.00*
[Dual CPU] AMD Opteron 2380	5726	NA	7.32	\$782.12*
[Dual CPU] AMD Opteron 2384	5641	102	NA	NA
[Dual CPU] AMD Opteron 2387	6427	NA	NA	NA
[Dual CPU] AMD Opteron 2389	5122	110	NA	NA
[Dual CPU] AMD Opteron 2419	5571	104	127.54	\$43.68*
[Dual CPU] AMD Opteron 2425 HE	6260	96	NA	NA
[Dual CPU] AMD Opteron 2427	6345	93	19.68	\$322.46*
[Dual CPU] AMD Opteron 2435	7618	82	NA	NA
[Dual CPU] AMD Opteron 2439 SE	8060	74	NA	NA
[Dual CPU] AMD Opteron 246	955	NA	NA	NA
[Dual CPU] AMD Opteron 248	1222	144	NA	NA
[Dual CPU] AMD Opteron 250	1407	143	8.12	\$173.34*
[Dual CPU] AMD Opteron 252	1524	142	25.41	\$59.98*
[Dual CPU] AMD Opteron 256	1853	NA	NA	NA
[Dual CPU] AMD Opteron 270	2135	139	8.92	\$239.26*
[Dual CPU] AMD Opteron 275	2101	140	95.50	\$22.00*
[Dual CPU] AMD Opteron 280	2551	134	70.86	\$36.00*
[Dual CPU] AMD Opteron 285	2762	131	NA	NA
[Dual CPU] AMD Opteron 290	3080	125	11.41	\$270.00*
[Dual CPU] AMD Opteron 4122	4076	119	8.15	\$499.90*
[Dual CPU] AMD Opteron 4184	7902	76	54.26	\$145.62
[Dual CPU] AMD Opteron 4226	7907	NA	16.20	\$487.98*
[Dual CPU] AMD Opteron 4234	9479	NA	22.96	\$412.84*
[Dual CPU] AMD Opteron 4284	6506	NA	9.10	\$714.60*
[Dual CPU] AMD Opteron 4386	12731	39	18.45	\$689.98
[Dual CPU] AMD Opteron 6128	6748	90	9.64	\$699.90
[Dual CPU] AMD Opteron 6132 HE	8657	NA	NA	NA
[Dual CPU] AMD Opteron 6136	8054	NA	5.45	\$1,476.58*
[Dual CPU] AMD Opteron 6168	7741	NA	9.96	\$777.00*
[Dual CPU] AMD Opteron 6180 SE	3114	NA	NA	NA
[Dual CPU] AMD Opteron 6212	8797	NA	13.96	\$630.00*
[Dual CPU] AMD Opteron 6220	10269	NA	9.25	\$1,109.98*
[Dual CPU] AMD Opteron 6234	10504	NA	13.13	\$799.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6272	9707	57	11.56	\$840.00*
[Dual CPU] AMD Opteron 6274	10729	54	6.75	\$1,589.98*
[Dual CPU] AMD Opteron 6276	11208	NA	10.89	\$1,029.00*
[Dual CPU] AMD Opteron 6328	11933	48	9.70	\$1,229.98
[Dual CPU] AMD Opteron 6344	12104	45	13.45	\$899.98
[Dual CPU] AMD Opteron 6348	12180	44	9.37	\$1,299.98
[Dual CPU] AMD Opteron 6386 SE	2588	NA	0.93	\$2,784.00*
[Dual CPU] AMD Opteron 8380	5643	NA	NA	NA
[Dual CPU] AMD Opteron 8435	7846	NA	NA	NA
[Dual CPU] AMD Opteron 8439 SE	8215	71	NA	NA
[Dual CPU] AMD Opteron 885	2851	130	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	NA	NA	NA
[Dual CPU] Intel 000 @ 2.53GHz	10416	NA	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	8636	67	2.33	\$3,699.90*
[Dual CPU] Intel Pentium III - S 1400MHz	543	152	NA	NA
[Dual CPU] Intel Pentium III family 1133MHz	450	NA	NA	NA
[Dual CPU] Intel Pentium III family 1400MHz	542	153	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	NA	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	NA	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	500	154	27.47	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	NA	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	673	150	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	772	149	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	621	151	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	886	148	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	904	146	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	904	147	0.53	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1949	141	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	965	145	0.57	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2179	138	9.81	\$222.04*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2472	136	4.66	\$530.00*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2619	133	3.64	\$719.98*
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	3007	127	NA	NA
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	3063	126	103.06	\$29.72*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3517	122	105.49	\$33.34*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3901	120	NA	NA
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	5988	NA	15.28	\$391.98*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7371	NA	12.73	\$579.00*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	12345	42	15.17	\$813.98
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13613	35	11.88	\$1,145.98
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6247	97	14.53	\$429.98

Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8273	69	13.79	\$599.98
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	9124	NA	15.21	\$599.98
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12608	40	15.38	\$819.98
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13646	34	16.55	\$824.54
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	14080	31	11.36	\$1,239.98
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15700	25	12.87	\$1,219.98
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11980	47	NA	NA
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	16048	24	7.64	\$2,101.20*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14846	28	8.25	\$1,799.98
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	15513	26	9.02	\$1,719.98
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13230	37	NA	NA
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21033	9	6.43	\$3,270.42
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15278	27	6.78	\$2,251.98
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19507	15	8.40	\$2,323.54
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14308	29	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	17244	21	6.31	\$2,733.98
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	20462	12	7.36	\$2,779.98
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17820	18	5.95	\$2,995.98
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17015	22	5.48	\$3,104.00*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	24267	2	5.52	\$4,395.98*
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18528	17	5.81	\$3,187.98
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	22249	7	7.22	\$3,079.98
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18794	16	5.32	\$3,535.98
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	22710	6	7.33	\$3,097.18
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	21193	8	5.54	\$3,825.98
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	24547	1	5.87	\$4,179.98
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	20362	13	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	20645	10	4.95	\$4,171.98
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23961	4	5.88	\$4,077.54
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20637	11	4.46	\$4,627.98
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	24185	3	NA	NA
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23812	5	4.61	\$5,159.98
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19996	14	2.56	\$7,799.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	NA	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3667	121	23.17	\$158.28*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4296	117	7.19	\$597.90*
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4602	114	3.54	\$1,299.90*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5306	108	13.51	\$392.84*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5325	107	21.65	\$246.00*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6122	98	25.72	\$238.00*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6482	92	7.32	\$886.10*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6995	89	16.19	\$431.98*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7403	83	9.76	\$758.84*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7764	79	3.67	\$2,117.90*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7398	84	14.45	\$511.98*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7987	75	3.63	\$2,197.90*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2710	132	6.58	\$411.98*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4987	111	11.33	\$440.00*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5297	109	11.21	\$472.50*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5681	101	9.97	\$569.98*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7619	81	69.10	\$110.26*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7783	78	6.23	\$1,249.98*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	8169	73	45.38	\$180.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4231	NA	10.47	\$403.98*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5715	100	5.69	\$1,005.18*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5621	103	9.93	\$565.98*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8264	70	25.85	\$319.72
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	63	11.10	\$799.98
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8729	66	5.60	\$1,557.98
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10452	55	9.68	\$1,079.98
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	11180	52	13.65	\$819.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	17541	19	NA	NA
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	NA	NA	NA
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4470	115	17.05	\$262.12*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4991	NA	NA	NA
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5229	NA	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6274	95	8.27	\$758.84*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6640	91	8.60	\$772.00*
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	7182	86	5.52	\$1,299.98*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7033	88	NA	NA
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9640	58	NA	NA
[Dual CPU] Intel Xeon MP 2.50GHz	550	NA	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	NA	NA	NA
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	8937	62	2.69	\$3,319.98*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10830	53	3.35	\$3,235.98*
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4850	112	2.85	\$1,702.00*
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4842	113	5.63	\$859.90*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5853	99	5.97	\$980.00*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6322	94	22.31	\$283.36*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7709	80	4.52	\$1,704.00*

Compare the performance of up to three different CPUs.

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	8199	72	4.10	\$1,999.98*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8747	65	NA	NA
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7866	77	4.66	\$1,689.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8567	68	3.35	\$2,558.00*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	9086	61	3.27	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	9224	60	58.57	\$157.50*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9393	59	3.75	\$2,503.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9778	56	40.74	\$240.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	10066	NA	4.17	\$2,415.00*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11744	51	48.93	\$240.00
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11877	49	29.69	\$400.00
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8809	64	3.06	\$2,880.00*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	13057	38	21.22	\$615.20*
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	9391	NA	NA	NA
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	13233	36	4.42	\$2,995.98*
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	12280	43	3.69	\$3,326.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13674	33	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	14007	32	7.62	\$1,837.50*
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11772	50	NA	NA
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	14209	30	5.01	\$2,835.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4378	NA	NA	NA
[Dual CPU] Quad-Core AMD Opteron 8350	4290	118	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5746	NA	NA	NA
[Quad CPU] AMD Opteron 6136	9767	NA	3.31	\$2,953.16*
[Quad CPU] AMD Opteron 6272	12587	41	7.49	\$1,680.00*
[Quad CPU] AMD Opteron 6278	12055	46	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	85	NA	NA
[Quad CPU] AMD Opteron 8431	8352	NA	NA	NA
[Quad CPU] AMD Opteron 8435	7099	87	NA	NA
[Quad CPU] AMD Opteron 8439 SE	8524	NA	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	23	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	20	1.44	\$11,999.96
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	NA	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	10604	NA	NA	NA
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	NA	NA	NA
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	11247	NA	7.58	\$1,483.96
[Quad CPU] Quad-Core AMD Opteron 8356	7170	NA	NA	NA

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