

CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

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

AMD Ryzen Threadripper 3990X	55444	1	14.22	\$3,899.99
AMD Ryzen Threadripper 3970X	48439	2	24.71	\$1,959.95
AMD EPYC 7742	48062	3	10.41	\$4,618.13
AMD Ryzen Threadripper 3960X	46201	4	33.02	\$1,399.00
AMD EPYC 7702P	46067	5	9.63	\$4,783.99
AMD EPYC 7452	38257	6	17.41	\$2,196.99
AMD Ryzen 9 3950X	35656	7	47.54	\$749.99
Intel Xeon W-3275M @ 2.50GHz	34638	8	4.65	\$7,453.00*
Intel Xeon W-3175X @ 3.10GHz	33538	9	10.88	\$3,083.49
AMD Ryzen 9 PRO 3900	32899	10	NA	NA
Intel Xeon W-3265 @ 2.70GHz	32235	11	7.08	\$4,551.37*
AMD Ryzen 9 3900X	31959	12	66.72	\$478.99
Intel Xeon Platinum 8268 @ 2.90GHz	31689	13	5.28	\$6,005.98*
AMD EPYC 7302P	30994	14	34.29	\$903.99
AMD Ryzen 9 3900	30975	15	NA	NA
Intel Core i9-10980XE @ 3.00GHz	30908	16	31.57	\$979.00*
Intel Xeon Gold 6254 @ 3.10GHz	30018	17	8.27	\$3,630.00
Intel Core i9-9980XE @ 3.00GHz	29662	18	12.31	\$2,409.00*
Intel Core i9-10940X @ 3.30GHz	29150	19	32.72	\$890.99*
Intel Xeon Platinum 8168 @ 2.70GHz	29131	20	4.95	\$5,890.00*
Intel Xeon Gold 6212U @ 2.40GHz	28917	21	14.46	\$2,000.00*
Intel Xeon Platinum 8173M @ 2.00GHz	28860	22	NA	NA
Intel Xeon Gold 6210U @ 2.50GHz	28560	23	13.87	\$2,059.86*
Intel Core i9-9960X @ 3.10GHz	28336	24	17.60	\$1,609.83
AMD EPYC 7402P	28291	25	20.62	\$1,371.99
Intel Xeon Platinum 8175M @ 2.50GHz	28103	26	NA	NA

Intel Xeon Platinum 8259CL @ 2.50GHz	27896	27	NA	NA
Intel Xeon Gold 6154 @ 3.00GHz	27722	28	7.57	\$3,659.82
Intel Core i9-7980XE @ 2.60GHz	27669	29	17.64	\$1,569.00
AMD EPYC 7502P	27437	30	10.59	\$2,592.02*
Intel Xeon Platinum 8124M @ 3.00GHz	26835	31	NA	NA
Intel Core i9-10920X @ 3.50GHz	26793	32	13.33	\$2,009.99
Intel Core i9-9940X @ 3.30GHz	26764	33	24.11	\$1,109.89
Intel Xeon Gold 6143 @ 2.80GHz	26128	34	NA	NA
Intel Core i9-7960X @ 2.80GHz	26034	35	19.29	\$1,349.99*
AMD Ryzen 7 PRO 3700	25843	36	NA	NA
Intel Xeon Gold 6148 @ 2.40GHz	25817	37	8.02	\$3,217.99
Intel Xeon Gold 6246 @ 3.30GHz	25734	38	7.13	\$3,609.00*
Intel Xeon Gold 6138 @ 2.00GHz	25421	39	9.49	\$2,679.99
Intel Core i9-7940X @ 3.10GHz	25400	40	27.91	\$909.99*
Intel Xeon Gold 6242 @ 2.80GHz	25313	41	9.29	\$2,723.99
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	42	9.35	\$2,702.00*
AMD Ryzen Threadripper 2950X	25235	43	36.87	\$684.49
Intel Core i9-9920X @ 3.50GHz	25231	44	20.85	\$1,209.99
Intel Xeon W-3235 @ 3.30GHz	24854	45	15.19	\$1,635.77*
Intel Xeon W-2175 @ 2.50GHz	24589	46	11.86	\$2,073.34*
Intel Xeon W-2170B @ 2.50GHz	24561	47	NA	NA
Intel Xeon Gold 6230 @ 2.10GHz	24559	48	12.69	\$1,935.07
AMD Ryzen 7 3800X	24504	49	72.07	\$339.99
Intel Xeon W-2195 @ 2.30GHz	24481	50	9.08	\$2,695.81

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Platinum 8176 @ 2.10GHz	24434	51	2.80	\$8,725.00*
Intel Xeon Gold 6146 @ 3.20GHz	24261	52	5.26	\$4,608.95*
Intel Xeon Platinum 8160 @ 2.10GHz	24241	53	5.40	\$4,489.00*
Intel Xeon Gold 6140 @ 2.30GHz	23964	54	8.37	\$2,863.75
Intel Xeon Gold 6132 @ 2.60GHz	23907	55	10.97	\$2,179.95
AMD Ryzen 7 3700X	23838	56	77.15	\$308.99
Intel Core i9-10900X @ 3.70GHz	23678	57	29.27	\$808.99
Intel Xeon Gold 6152 @ 2.10GHz	23498	58	6.18	\$3,799.99
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	59	3.95	\$5,929.90
Intel Core i9-7920X @ 2.90GHz	23340	60	25.02	\$932.79*

AMD Ryzen Threadripper 2990WX	23238	61	15.27	\$1,521.95
Intel Xeon E5-2699A v4 @ 2.40GHz	22948	62	4.65	\$4,938.00*
Intel Core i9-9900X @ 3.50GHz	22770	63	20.63	\$1,103.77
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	64	NA	NA
Intel Xeon E5-2699 v3 @ 2.30GHz	22340	65	18.48	\$1,208.99
Intel Xeon E5-2696 v3 @ 2.30GHz	22096	66	8.85	\$2,498.00*
AMD EPYC 7371	22071	67	14.24	\$1,550.00*
AMD Ryzen Threadripper 1950X	21942	68	44.78	\$489.99*
AMD Ryzen Threadripper 2970WX	21927	69	23.34	\$939.49
AMD Ryzen Threadripper 2920X	21873	70	54.68	\$400.00
Intel Core i9-7900X @ 3.30GHz	21870	71	19.51	\$1,121.25*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	72	6.02	\$3,629.59*
Intel Xeon W-2155 @ 3.30GHz	21774	73	14.23	\$1,530.39*
AMD Ryzen 5 PRO 3600	21586	74	NA	NA
Intel Core i9-9900KS @ 4.00GHz	21457	75	33.01	\$649.99*
Intel Xeon E5-2697 v4 @ 2.30GHz	21435	76	7.66	\$2,798.95
Intel Xeon W-2150B @ 3.00GHz	21434	77	NA	NA
Intel Xeon E5-2697 v3 @ 2.60GHz	21386	78	35.06	\$609.99
Intel Xeon E5-2673 v4 @ 2.30GHz	21300	79	NA	NA
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	80	7.05	\$3,009.95*
Intel Xeon E5-2690 v4 @ 2.60GHz	21167	81	9.75	\$2,169.99*
Intel Core i9-9820X @ 3.30GHz	21070	82	35.21	\$598.35
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	83	28.47	\$739.00
Intel Xeon Gold 6136 @ 3.00GHz	21034	84	7.92	\$2,654.82*
AMD EPYC 7571	20858	85	NA	NA
AMD EPYC 7262	20691	86	31.64	\$653.99
Intel Xeon Gold 5218 @ 2.30GHz	20622	87	15.87	\$1,299.21
AMD Ryzen 5 3600X	20493	88	92.67	\$221.14
Intel Core i7-7900X @ 3.30GHz	20474	89	NA	NA
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	90	NA	NA
Intel Xeon Gold 6137 @ 3.90GHz	20413	91	NA	NA
Intel Xeon Gold 6126 @ 2.60GHz	20264	92	11.04	\$1,834.95
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	93	3.49	\$5,808.00*
Intel Core i9-9900KF @ 3.60GHz	20234	94	35.05	\$577.35
AMD EPYC 7401P	20221	95	23.49	\$860.78*
Intel Core i9-9900K @ 3.60GHz	20201	96	37.41	\$539.99
AMD Ryzen Threadripper 1920X	20142	97	103.29	\$195.00
Intel Core i7-6950X @ 3.00GHz	19921	98	11.82	\$1,685.00
Intel Xeon E5-2687W v4 @ 3.00GHz	19899	99	9.15	\$2,174.99*

CPU Name Passmark CPU Rank CPU Value Price

	Mark (higher is better)	(lower is better)	(higher is better)	(USD)
AMD Ryzen 5 3600	19864	100	113.53	\$174.97
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	101	NA	NA
Intel Core i7-9800X @ 3.80GHz	19777	102	24.42	\$809.95*
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	103	NA	NA
Intel Xeon D-2187NT @ 2.00GHz	19741	104	9.93	\$1,989.00*
Intel Xeon E5-2695 v3 @ 2.30GHz	19710	105	40.31	\$489.00*
Intel Xeon E5-2680 v4 @ 2.40GHz	19709	106	13.06	\$1,509.00*
Intel Xeon Gold 6144 @ 3.50GHz	19667	107	5.94	\$3,308.95
Intel Xeon E-2288G @ 3.70GHz	19665	108	36.49	\$539.00*
Intel Xeon Gold 6130 @ 2.10GHz	19643	109	10.45	\$1,880.45
Intel Xeon E5-4669 v3 @ 2.10GHz	19615	110	3.63	\$5,400.00*
Intel Xeon W-2145 @ 3.70GHz	19607	111	16.19	\$1,211.28
Intel Xeon Silver 4216 @ 2.10GHz	19538	112	17.62	\$1,108.95*
Intel Xeon D-2183IT @ 2.20GHz	19381	113	10.99	\$1,764.00*
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	114	NA	NA
AMD Ryzen Threadripper 2990X	19227	115	NA	NA
AMD EPYC 7501	18942	116	5.24	\$3,616.70
Intel Xeon E5-2690 v3 @ 2.60GHz	18881	117	83.92	\$225.00
Intel Xeon E5-2683 v4 @ 2.10GHz	18863	118	41.01	\$460.00
Intel Xeon W-2140B @ 3.20GHz	18620	119	NA	NA
Intel Core i9-9900 @ 3.10GHz	18574	120	35.06	\$529.74
Intel Core i7-7820X @ 3.60GHz	18508	121	15.69	\$1,179.95
AMD EPYC 7551	18483	122	2.76	\$6,696.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18471	123	97.22	\$189.99
AMD EPYC 7551P	18443	124	8.93	\$2,066.21
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	125	NA	NA
Intel Xeon Gold 6134 @ 3.20GHz	18206	126	8.02	\$2,269.95
Intel Xeon E-2286M @ 2.40GHz	18166	127	29.16	\$623.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	128	10.51	\$1,727.00*
AMD EPYC 7351	18081	129	25.36	\$713.04
Intel Xeon E5-2687W v3 @ 3.10GHz	17781	130	29.20	\$608.99*
Intel Xeon E5-2676 v3 @ 2.40GHz	17687	131	NA	NA
Intel Xeon E-2278G @ 3.40GHz	17670	132	35.77	\$494.00*
Intel Xeon Gold 5120 @ 2.20GHz	17625	133	11.29	\$1,561.00*
Intel Core i7-6900K @ 3.20GHz	17580	134	24.59	\$715.00
Intel Xeon Silver 4214 @ 2.20GHz	17532	135	21.91	\$800.40
Intel Core i9-9980HK @ 2.40GHz	17427	136	29.89	\$583.00*

Intel Xeon E5-2683 v3 @ 2.00GHz	17346	137	42.52	\$408.00
Intel Xeon E5-2658 v4 @ 2.30GHz	17275	138	NA	NA
Intel Core i7-9700K @ 3.60GHz	17212	139	43.03	\$399.99
Intel Xeon E5-2697 v2 @ 2.70GHz	17189	140	62.06	\$276.99
AMD Ryzen 7 PRO 2700X	17128	141	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17063	142	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17040	143	NA	NA
Intel Core i7-9700KF @ 3.60GHz	16941	144	47.06	\$359.99*
AMD Ryzen 7 2700X	16924	145	99.56	\$169.99
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	146	11.82	\$1,428.29
Intel Xeon E5-2660 v3 @ 2.60GHz	16815	147	59.08	\$284.62
Intel Xeon E5-2670 v3 @ 2.30GHz	16808	148	108.45	\$154.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-8086K @ 4.00GHz	16683	149	30.17	\$552.96*
Intel Xeon Gold 5117 @ 2.00GHz	16672	150	NA	NA
Intel Xeon E-2286G @ 4.00GHz	16671	151	37.05	\$450.00*
Intel Xeon E5-2667 v4 @ 3.20GHz	16631	152	6.76	\$2,459.95
Intel Core i7-9700F @ 3.00GHz	16440	153	51.38	\$319.99
Intel Xeon Gold 5118 @ 2.30GHz	16435	154	14.96	\$1,099.00*
Intel Xeon E5-2673 v3 @ 2.40GHz	16412	155	23.45	\$700.00*
Intel Xeon E5-4667 v3 @ 2.00GHz	16388	156	2.86	\$5,729.00*
Intel Xeon E5-1680 v3 @ 3.20GHz	16384	157	27.35	\$598.99
Intel Xeon E5-2690 v2 @ 3.00GHz	16367	158	75.80	\$215.93*
Intel Xeon W-2135 @ 3.70GHz	16305	159	16.26	\$1,002.80*
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	160	NA	NA
Intel Core i9-9880H @ 2.30GHz	16255	161	29.24	\$556.00*
Intel Xeon E5-2687W v2 @ 3.40GHz	16255	162	48.52	\$335.00*
Intel Xeon E5-2696 v2 @ 2.50GHz	16245	163	NA	NA
Intel Xeon E5-1660 v4 @ 3.20GHz	16208	164	13.18	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16206	165	NA	NA
Intel Xeon E5-2667 v2 @ 3.30GHz	16041	166	84.44	\$189.99
Intel Xeon E5-2695 v2 @ 2.40GHz	16041	167	61.94	\$258.99
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	168	NA	NA
Intel Xeon E5-2667 v3 @ 3.20GHz	16001	169	48.49	\$329.99
AMD Ryzen Threadripper 1900X	15996	170	106.65	\$149.99
Intel Core i7-5960X @ 3.00GHz	15983	171	18.77	\$851.31*
AMD Ryzen 5 3500X	15940	172	NA	NA
Intel Core i7-8700K @ 3.70GHz	15935	173	37.06	\$430.05

Intel Core i7-9700 @ 3.00GHz	15934	174	37.76	\$421.99
Intel Xeon D-2166NT @ 2.00GHz	15922	175	15.84	\$1,005.00*
Intel Xeon Silver 4210 @ 2.20GHz	15898	176	28.65	\$555.00
Intel Xeon E-2186G @ 3.80GHz	15884	178	30.26	\$524.99*
Intel Xeon E5-2680 v2 @ 2.80GHz	15884	177	90.77	\$175.00
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	179	3.30	\$4,800.00*
AMD EPYC 7451	15760	180	15.60	\$1,009.99
Intel Xeon E-2236 @ 3.40GHz	15713	181	54.37	\$289.00*
Intel Xeon E5-2673 v2 @ 3.30GHz	15642	182	NA	NA
Intel Xeon E-2136 @ 3.30GHz	15640	183	52.14	\$299.99
Intel Xeon E-2146G @ 3.50GHz	15622	184	46.92	\$332.99
Intel Xeon E5-2650 v4 @ 2.20GHz	15587	185	15.45	\$1,009.00*
Intel Xeon E-2176G @ 3.70GHz	15582	186	38.67	\$402.94
AMD Ryzen 7 1800X	15545	187	64.71	\$240.23
Intel Xeon E-2246G @ 3.60GHz	15537	188	49.96	\$311.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15536	189	6.98	\$2,225.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15531	190	11.10	\$1,399.00*
Intel Xeon Silver 4116 @ 2.10GHz	15509	191	16.31	\$950.67
Intel Xeon E5-2640 v4 @ 2.40GHz	15420	192	15.53	\$992.99
AMD Ryzen 7 PRO 1700X	15324	193	NA	NA
Intel Core i9-9900T @ 2.10GHz	15316	194	34.89	\$439.00*
Intel Xeon Silver 4215 @ 2.50GHz	15200	195	15.89	\$956.57*
Intel Xeon Silver 4123 @ 3.00GHz	15185	196	NA	NA
Intel Core i7-8700 @ 3.20GHz	15137	198	38.03	\$398.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2675 v3 @ 1.80GHz	15137	197	NA	NA
AMD Ryzen 7 PRO 2700	15070	199	NA	NA
AMD Ryzen 7 2700	15054	200	88.04	\$170.99
Intel Xeon E5-2670 v2 @ 2.50GHz	15026	201	96.95	\$154.99
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	202	NA	NA
AMD EPYC 7301	14978	203	23.21	\$645.23
Intel Core i7-8700B @ 3.20GHz	14963	204	49.39	\$303.00*
Intel Xeon Gold 6128 @ 3.40GHz	14961	205	8.70	\$1,719.99
Intel Xeon E-2276G @ 3.80GHz	14946	206	41.29	\$362.00*
AMD EPYC 7351P	14887	207	20.57	\$723.72
Intel Xeon E5-2650 v3 @ 2.30GHz	14880	208	148.82	\$99.99
AMD Ryzen 7 1700X	14815	209	51.09	\$289.99
AMD Ryzen 5 3500	14792	210	NA	NA

Intel Xeon E5-1660 v3 @ 3.00GHz	14757	211	36.09	\$408.95*
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	212	NA	NA
Intel Core i7-7800X @ 3.50GHz	14649	213	28.73	\$509.99*
Intel Xeon E5-4627 v3 @ 2.60GHz	14615	214	6.09	\$2,400.00*
Intel Core i7-9750HF @ 2.60GHz	14598	215	36.96	\$395.00*
Intel Xeon D-1567 @ 2.10GHz	14482	216	NA	NA
Intel Xeon E-2186M @ 2.90GHz	14459	217	23.21	\$623.00*
Intel Xeon E-2276M @ 2.80GHz	14440	218	32.09	\$450.00*
Intel Xeon W-2133 @ 3.60GHz	14401	219	23.34	\$617.00*
Intel Core i7-6850K @ 3.60GHz	14358	220	35.90	\$400.00
AMD Ryzen 5 2600X	14353	221	93.82	\$152.98
Intel Xeon Silver 4114 @ 2.20GHz	14348	222	22.42	\$640.00
Intel Xeon E5-2687W @ 3.10GHz	14323	223	66.93	\$213.99
Intel Xeon E5-2618L v4 @ 2.20GHz	14238	224	18.28	\$779.00*
Intel Xeon E5-1650 v4 @ 3.60GHz	14198	225	27.95	\$508.00*
Intel Core i9-8950HK @ 2.90GHz	14138	226	24.25	\$583.00*
AMD Ryzen 7 PRO 1700	14112	227	NA	NA
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	228	26.10	\$539.99
Intel Xeon D-1587 @ 1.70GHz	14049	229	NA	NA
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	230	NA	NA
Intel Xeon E5-2643 v3 @ 3.40GHz	13945	231	53.64	\$259.99
AMD Ryzen 7 1700	13939	232	48.07	\$289.98
AMD Ryzen 5 PRO 2600	13927	233	NA	NA
Intel Xeon E5-1660 v2 @ 3.70GHz	13919	234	49.36	\$281.99*
Intel Xeon E-2278GEL @ 2.00GHz	13914	235	28.17	\$494.00*
Intel Xeon E5-2640 v3 @ 2.60GHz	13897	236	173.76	\$79.98
Intel Xeon E5-2630 v4 @ 2.20GHz	13877	237	24.83	\$559.00
Intel Xeon D-2143IT @ 2.20GHz	13816	238	24.41	\$566.00*
Intel Core i7-4960X @ 3.60GHz	13801	239	17.92	\$769.99*
Intel Xeon E5-2690 @ 2.90GHz	13739	240	162.57	\$84.51
Intel Xeon E5-2658 v2 @ 2.40GHz	13667	241	75.93	\$179.99*
Intel Core i7-5930K @ 3.50GHz	13657	242	44.20	\$309.00*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	243	NA	NA
Intel Xeon E-2126G @ 3.30GHz	13650	244	45.50	\$299.99*
Intel Xeon E5-1650 v3 @ 3.50GHz	13629	245	104.85	\$129.99
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	246	NA	NA
	Passmark CPU			
CPU Name	Mark	Rank	CPU Value	Price
	(higher is	(lower is	(higher is	(USD)
	better)	better)	better)	
Intel Core i7-6800K @ 3.40GHz	13558	247	43.88	\$309.00

Intel Core i7-9750H @ 2.60GHz	13555	248	34.32	\$395.00*
Intel Xeon E-2176M @ 2.70GHz	13551	249	30.11	\$450.00*
Intel Core i5-9600K @ 3.70GHz	13532	250	52.56	\$257.50
AMD Ryzen 5 2600	13495	251	112.47	\$119.99
Intel Xeon E5-2643 v4 @ 3.40GHz	13475	252	7.48	\$1,801.96*
Intel Core i7-9700T @ 2.00GHz	13453	253	41.65	\$323.00*
Intel Core i5-9600 @ 3.10GHz	13432	254	59.96	\$224.00*
Intel Core i7-9850H @ 2.60GHz	13418	255	33.97	\$395.00*
AMD Ryzen 7 2700E	13410	257	NA	NA
Intel Core i5-9600KF @ 3.70GHz	13410	256	63.86	\$209.99
Intel Xeon E5-2650L v3 @ 1.80GHz	13341	258	57.45	\$232.22*
Intel Xeon E5-2689 @ 2.60GHz	13302	259	NA	NA
Intel Xeon E-2226G @ 3.40GHz	13244	260	50.94	\$260.00*
Intel Xeon E5-2650 v2 @ 2.60GHz	13240	261	151.17	\$87.59
Intel Xeon E5-2643 v2 @ 3.50GHz	13210	262	110.10	\$119.99
AMD Ryzen 5 1600X	13204	263	82.63	\$159.80
Intel Xeon E5-2660 v2 @ 2.20GHz	13171	264	94.76	\$139.00
Intel Xeon Silver 4208 @ 2.10GHz	13116	265	28.97	\$452.75
Intel Core i5-9500F @ 3.00GHz	13104	266	64.87	\$202.00*
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	267	9.61	\$1,364.00*
Intel Core i7-4930K @ 3.40GHz	13026	268	16.28	\$799.97*
Intel Core i7-5820K @ 3.30GHz	13005	269	55.34	\$235.00*
Intel Core i7-8850H @ 2.60GHz	12923	270	32.72	\$395.00*
Intel Xeon E5-2680 @ 2.70GHz	12879	271	168.18	\$76.58
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	272	NA	NA
Intel Xeon D-2141I @ 2.20GHz	12836	273	23.13	\$555.00*
Intel Xeon E5-2630 v3 @ 2.40GHz	12804	274	128.05	\$100.00
Intel Core i7-10710U @ 1.10GHz	12792	275	18.04	\$709.00
Intel Xeon E-2244G @ 3.80GHz	12782	276	46.99	\$272.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12759	277	97.40	\$131.00*
Intel Core i5-8500B @ 3.00GHz	12756	278	66.44	\$192.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	279	NA	NA
Intel Core i7-3970X @ 3.50GHz	12691	280	31.73	\$399.99*
Intel Core i7-9700TE @ 1.80GHz	12688	281	39.28	\$323.00*
Intel Core i5-8600K @ 3.60GHz	12681	282	45.95	\$275.99
Intel Core i7-8700T @ 2.40GHz	12647	283	33.54	\$377.10
Intel Xeon E-2274G @ 4.00GHz	12595	284	37.71	\$334.00*
Intel Core i7-3960X @ 3.30GHz	12559	285	15.51	\$809.99*
Intel Xeon E5-4627 v2 @ 3.30GHz	12548	286	24.66	\$508.95*
Intel Core i5-8600 @ 3.10GHz	12473	287	18.08	\$690.12*
Intel Core i7-8750H @ 2.20GHz	12387	288	31.36	\$395.00*

Intel Xeon E5-2670 @ 2.60GHz	12377	289	93.55	\$132.31
AMD Ryzen 5 1600	12309	291	129.57	\$95.00
Intel Xeon W-2125 @ 4.00GHz	12309	290	15.20	\$809.95
Intel Xeon E-2174G @ 3.80GHz	12302	292	31.15	\$394.99
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	293	NA	NA
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	294	2.66	\$4,616.00*
Intel Core i7-8559U @ 2.70GHz	12219	295	17.33	\$705.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 PRO 1600	12213	296	NA	NA
Intel Xeon E5-1660 @ 3.30GHz	12202	297	9.95	\$1,226.66*
Intel Core i7-7740X @ 4.30GHz	12193	298	23.96	\$509.00
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	299	NA	NA
Intel Xeon E5-4650L @ 2.60GHz	12145	300	164.17	\$73.98*
Intel Xeon D-2146NT @ 2.30GHz	12057	301	18.81	\$641.00*
Intel Core i5-9400F @ 2.90GHz	12036	302	80.25	\$149.99
Intel Xeon E3-1285 v6 @ 4.10GHz	12016	303	11.91	\$1,008.95
Intel Core i7-7700K @ 4.20GHz	11987	304	24.02	\$499.00
Intel Xeon E5-2470 v2 @ 2.40GHz	11983	305	38.66	\$309.99
Intel Core i7-3930K @ 3.20GHz	11972	306	63.02	\$189.99*
Intel Core i5-9500 @ 3.00GHz	11854	307	38.49	\$308.00
Intel Core i5-8500 @ 3.00GHz	11832	308	37.59	\$314.77*
Intel Core i5-9400 @ 2.90GHz	11821	309	54.98	\$215.00
AMD EPYC 7251	11811	310	28.71	\$411.35
Intel Xeon E5-2665 @ 2.40GHz	11757	311	141.67	\$82.99
Intel Xeon E5-1650 @ 3.20GHz	11734	312	23.71	\$495.00*
Intel Core i5-9600T @ 2.30GHz	11706	313	54.96	\$213.00*
Intel Xeon Silver 4110 @ 2.10GHz	11700	314	28.13	\$416.00
AMD EPYC 3251	11690	315	37.11	\$315.00*
Intel Xeon E5-4650 @ 2.70GHz	11685	316	166.96	\$69.99*
Intel Core i5-8400 @ 2.80GHz	11558	317	57.80	\$199.99
Intel Xeon E-2144G @ 3.60GHz	11532	318	34.09	\$338.28*
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	319	7.30	\$1,560.86*
Intel Xeon E5-2648L v2 @ 1.90GHz	11381	320	7.70	\$1,479.00*
Intel Core i7-9850HL @ 1.90GHz	11340	321	28.71	\$395.00*
Intel Xeon @ 2.00GHz	11327	322	NA	NA
Intel Xeon E5-2620 v4 @ 2.10GHz	11316	323	28.32	\$399.65
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	324	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11265	325	111.34	\$101.18

Intel Core i5-9400H @ 2.50GHz	11191	326	44.77	\$250.00*
Intel Xeon E3-1270 v6 @ 3.80GHz	11184	327	31.96	\$349.99
Intel Core i7-4790K @ 4.00GHz	11164	328	38.50	\$290.00
Intel Core i5-8600T @ 2.30GHz	11135	329	30.34	\$366.99*
Intel Core i7-6700K @ 4.00GHz	11108	330	35.56	\$312.39*
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	331	NA	NA
Intel Xeon E3-1275 v6 @ 3.80GHz	11057	332	26.40	\$418.84
Intel Xeon E3-1280 v6 @ 3.90GHz	11041	333	25.29	\$436.53
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	334	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11016	335	NA	NA
Intel Core i7-8809G @ 3.10GHz	10989	336	NA	NA
Intel Xeon E5-2470 @ 2.30GHz	10982	337	112.08	\$97.99
Intel Core i5-8259U @ 2.30GHz	10976	338	15.78	\$695.48
Intel Xeon E3-1285L v4 @ 3.40GHz	10970	339	NA	NA
Intel Xeon D-1557 @ 1.50GHz	10950	340	15.78	\$694.00*
Intel Xeon Gold 5122 @ 3.60GHz	10923	341	8.60	\$1,269.99
Intel Xeon Silver 4109T @ 2.00GHz	10908	342	21.77	\$501.00*
Intel Xeon E-2134 @ 3.50GHz	10882	343	41.86	\$259.99
Intel Core i7-5775R @ 3.30GHz	10879	344	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5950HQ @ 2.90GHz	10850	345	NA	NA
Intel Core i7-5775C @ 3.30GHz	10842	346	15.80	\$686.32*
AMD Opteron 6386 SE	10836	347	74.74	\$144.99
Intel Xeon E5-4640 @ 2.40GHz	10807	348	3.96	\$2,730.00*
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	349	19.42	\$556.00*
Intel Core i5-8257U @ 1.40GHz	10767	350	33.65	\$320.00*
Intel Xeon D-1540 @ 2.00GHz	10740	351	NA	NA
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	352	NA	NA
Intel Core i7-7700 @ 3.60GHz	10687	353	32.50	\$328.90
Intel Xeon D-1548 @ 2.00GHz	10679	354	19.24	\$555.00*
Intel Xeon E5-2667 @ 2.90GHz	10677	355	169.53	\$62.98
Intel Xeon Silver 4108 @ 1.80GHz	10671	356	24.25	\$439.99
Intel Xeon W-2123 @ 3.60GHz	10655	357	32.24	\$330.49
Intel Xeon E3-1575M v5 @ 3.00GHz	10628	358	8.81	\$1,207.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	10620	359	15.39	\$690.01*
Intel Core i5-8279U @ 2.40GHz	10599	360	33.12	\$320.00*
Intel Xeon E3-1245 v6 @ 3.70GHz	10567	361	34.89	\$302.90
Intel Core i5-9500T @ 2.20GHz	10556	362	54.98	\$192.00*

Intel Core i3-9350KF @ 4.00GHz	10546	363	58.66	\$179.77
Intel Xeon E3-1535M v6 @ 3.10GHz	10542	364	16.92	\$623.00*
Intel Core i7-8706G @ 3.10GHz	10539	365	NA	NA
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	366	4.76	\$2,208.95
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	367	NA	NA
Intel Xeon E3-1285 v3 @ 3.60GHz	10503	368	NA	NA
AMD Ryzen 5 PRO 3400G	10498	369	NA	NA
Intel Core i7-1065G7 @ 1.30GHz	10498	370	NA	NA
Intel Xeon E3-1240 v6 @ 3.70GHz	10487	371	32.10	\$326.71
Intel Xeon E5-2450 @ 2.10GHz	10478	372	149.72	\$69.99
Intel Core i7-8557U @ 1.70GHz	10470	373	24.29	\$431.00*
Intel Xeon E5-2630 v2 @ 2.60GHz	10389	374	303.43	\$34.24
Intel Core i5-8400H @ 2.50GHz	10379	375	41.52	\$250.00*
Intel Xeon E3-1275 v5 @ 3.60GHz	10353	376	27.28	\$379.52*
Intel Xeon E3-1240 v5 @ 3.50GHz	10323	377	30.22	\$341.67*
AMD Ryzen 5 PRO 3400GE	10309	378	NA	NA
Intel Core i7-4980HQ @ 2.80GHz	10306	379	NA	NA
Intel Xeon E5-1630 v4 @ 3.70GHz	10302	380	NA	NA
Intel Xeon E3-1270 v5 @ 3.60GHz	10298	381	23.63	\$435.90
Intel Xeon E3-1545M v5 @ 2.90GHz	10283	382	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10257	383	186.54	\$54.99
Intel Xeon E3-1585L v5 @ 3.00GHz	10248	384	23.03	\$445.00*
Intel Xeon E3-1276 v3 @ 3.60GHz	10241	385	9.54	\$1,073.00*
Intel Xeon E5-1630 v3 @ 3.70GHz	10229	386	52.73	\$193.99
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	387	13.88	\$736.16*
Intel Xeon E5-2640 v2 @ 2.00GHz	10213	388	238.81	\$42.77
AMD FX-9590 Eight-Core	10188	389	27.10	\$376.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10171	390	29.46	\$345.31*
Intel Core i3-9320 @ 3.70GHz	10144	391	62.62	\$162.00*
Intel Xeon E5-2637 v3 @ 3.50GHz	10135	392	59.62	\$169.99
AMD Ryzen 5 PRO 1500	10133	393	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 1500X	10124	394	67.26	\$150.54
Intel Xeon E3-1271 v3 @ 3.60GHz	10122	395	11.40	\$888.00*
Intel Xeon E-2224 @ 3.40GHz	10093	396	50.98	\$198.00*
AMD Opteron 6380	10081	397	170.88	\$59.00
Intel Core i7-4770K @ 3.50GHz	10071	398	29.57	\$340.58

Intel Xeon E3-1275 v3 @ 3.50GHz	10055	399	25.08	\$400.99*
Intel Xeon E3-1281 v3 @ 3.70GHz	10031	400	11.43	\$877.75*
Intel Xeon E3-1241 v3 @ 3.50GHz	10030	401	27.11	\$369.99
Intel Xeon E5-2620 v3 @ 2.40GHz	10019	402	250.56	\$39.99
Intel Core i3-9300 @ 3.70GHz	10018	403	65.91	\$152.00*
Intel Xeon E3-1515M v5 @ 2.80GHz	10016	404	NA	NA
Intel Core i7-6700 @ 3.40GHz	10005	405	35.74	\$279.99*
Intel Core i7-7920HQ @ 3.10GHz	10005	406	17.61	\$568.00*
Intel Core i7-4790 @ 3.60GHz	9991	407	58.78	\$169.99
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	408	12.35	\$808.02*
Intel Core i5-8500T @ 2.10GHz	9976	409	42.57	\$234.36*
Intel Core i7-7820HK @ 2.90GHz	9947	410	26.32	\$378.00*
AMD Ryzen 5 3400G	9944	411	49.50	\$200.91
AMD Ryzen 5 PRO 2400G	9934	412	NA	NA
Intel Xeon E3-1270 v3 @ 3.50GHz	9922	413	62.02	\$159.99
Intel Xeon E-2224G @ 3.50GHz	9913	414	45.47	\$218.00*
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	415	11.80	\$839.00*
Intel Xeon E5-1620 v4 @ 3.50GHz	9897	416	23.46	\$421.93
Intel Xeon E-2124G @ 3.40GHz	9891	417	40.71	\$242.99
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	418	135.26	\$73.05*
Intel Xeon E3-1246 v3 @ 3.50GHz	9873	419	24.14	\$409.00*
Intel Core i7-4960HQ @ 2.60GHz	9856	420	15.82	\$623.00*
Intel Core i5-9300H @ 2.40GHz	9849	421	39.40	\$250.00*
Intel Core i7-8705G @ 3.10GHz	9847	422	6.99	\$1,408.75*
Intel Core i5-1035G7 @ 1.20GHz	9844	423	30.76	\$320.00*
Intel Xeon E3-1230 v6 @ 3.50GHz	9843	424	36.46	\$269.99
Intel Core i7-4771 @ 3.50GHz	9841	425	56.24	\$175.00*
Intel Core i7-4770R @ 3.20GHz	9830	426	NA	NA
Intel Core i7-5850EQ @ 2.70GHz	9817	427	22.57	\$435.00*
Intel Xeon E3-1280 v3 @ 3.60GHz	9794	428	21.81	\$449.00*
Intel Core i7-995X @ 3.60GHz	9791	429	NA	NA
AMD Opteron 6287 SE	9789	430	NA	NA
Intel Core i7-8709G @ 3.10GHz	9780	431	NA	NA
Intel Core i7-4770 @ 3.40GHz	9779	432	53.15	\$183.99
Intel Xeon E3-1230 v5 @ 3.40GHz	9774	433	28.62	\$341.53*
Intel Xeon E5-1620 v3 @ 3.50GHz	9756	434	76.29	\$127.88*
Intel Core i7-4940MX @ 3.10GHz	9732	435	13.71	\$709.95
Intel Core i7-4820K @ 3.70GHz	9719	436	44.18	\$219.99*
Intel Core i7-6770HQ @ 2.60GHz	9716	437	9.70	\$1,001.88*
AMD Ryzen 5 2500X	9704	438	NA	NA

Intel Xeon E3-1240 v3 @ 3.40GHz	9685	439	25.20	\$384.40*
Intel Xeon E5-2630L v3 @ 1.80GHz	9666	440	20.14	\$479.90*
Intel Xeon E3-1290 V2 @ 3.70GHz	9654	441	10.91	\$885.00*
Intel Xeon E3-1505M v6 @ 3.00GHz	9653	442	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-9400T @ 1.80GHz	9646	443	53.00	\$182.00*
Intel Xeon D-1531 @ 2.20GHz	9643	444	27.71	\$348.00*
AMD EPYC 3201	9634	445	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9632	446	6.59	\$1,462.00*
Intel Xeon E3-1231 v3 @ 3.40GHz	9630	447	18.88	\$509.95
Intel Xeon E3-1245 v3 @ 3.40GHz	9591	448	37.61	\$255.00
Intel Core i7-4790S @ 3.20GHz	9559	449	17.35	\$551.00*
Intel Xeon E5-4610 @ 2.40GHz	9552	450	7.81	\$1,223.00*
Intel Core i7-6920HQ @ 2.90GHz	9550	451	16.81	\$568.00*
Intel Core i7-3770K @ 3.50GHz	9512	452	45.30	\$209.99
Intel Xeon E5-1620 v2 @ 3.70GHz	9506	453	166.78	\$57.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	454	12.27	\$774.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9480	455	49.90	\$189.99
Intel Core i5-8300H @ 2.30GHz	9469	456	37.88	\$250.00*
Intel Xeon E3-1280 V2 @ 3.60GHz	9465	457	26.29	\$360.00
AMD FX-9370 Eight-Core	9461	458	17.05	\$555.00
Intel Core i7-5850HQ @ 2.70GHz	9459	459	21.80	\$434.00*
Intel Xeon E-2254ML @ 1.70GHz	9458	460	NA	NA
Intel Core i7-4930MX @ 3.00GHz	9444	461	8.62	\$1,096.00*
Intel Core i5-7640X @ 4.00GHz	9440	462	33.71	\$280.00
Intel Core i5-8400T @ 1.70GHz	9432	463	49.91	\$189.00*
Intel Core i7-10510U @ 1.80GHz	9429	464	23.06	\$409.00*
Intel Xeon E3-1275 V2 @ 3.50GHz	9424	465	23.88	\$394.72*
Intel Xeon E5-2640 @ 2.50GHz	9415	466	111.36	\$84.55
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	467	NA	NA
AMD Opteron 6344	9372	468	24.09	\$389.00*
Intel Xeon E-2124 @ 3.30GHz	9363	469	44.59	\$209.99
Intel Core i7-4770S @ 3.10GHz	9359	470	52.58	\$177.99*
Intel Core i7-4870HQ @ 2.50GHz	9354	471	NA	NA
Intel Core i7-4910MQ @ 2.90GHz	9339	472	20.31	\$459.95*
Intel Xeon E3-1230 v3 @ 3.30GHz	9331	473	43.40	\$215.00
Intel Core i7-7700T @ 2.90GHz	9330	474	24.24	\$385.00*
Intel Xeon E3-1535M v5 @	9323	475	14.97	\$623.00*

2.90GHz

AMD Ryzen 5 2400G	9319	476	34.78	\$268.00
Intel Xeon E5-4617 @ 2.90GHz	9313	477	103.59	\$89.90*
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	478	62.78	\$147.99
Intel Core i7-3770 @ 3.40GHz	9277	479	84.34	\$110.00
Intel Core i7-4860HQ @ 2.40GHz	9275	480	NA	NA
Intel Xeon E5-2637 v2 @ 3.50GHz	9270	481	132.46	\$69.99
Intel Core i7-7820HQ @ 2.90GHz	9263	482	24.51	\$378.00*
Intel Xeon E5-4620 @ 2.20GHz	9248	483	68.91	\$134.21*
Intel Core i3-8350K @ 4.00GHz	9241	484	46.50	\$198.75*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	485	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9221	486	230.59	\$39.99
AMD Opteron 6376	9212	487	141.72	\$65.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9185	488	12.94	\$709.95
Intel Core i7-3940XM @ 3.00GHz	9168	489	15.03	\$609.95*
Intel Xeon E3-1240 V2 @ 3.40GHz	9159	490	86.42	\$105.99
Intel Core i7-7820EQ @ 3.00GHz	9144	491	24.19	\$378.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1245 V2 @ 3.40GHz	9126	492	74.21	\$122.99
AMD Opteron 6282 SE	9116	493	14.24	\$640.00
Intel Core i7-6820HK @ 2.70GHz	9106	494	24.09	\$378.00*
Intel Xeon E5-2630L v2 @ 2.40GHz	9098	495	245.05	\$37.13*
AMD Opteron 6378	9094	496	47.87	\$190.00
Intel Core i7-4790T @ 2.70GHz	9075	497	25.21	\$359.99*
Intel Xeon E5-1620 @ 3.60GHz	9072	498	171.18	\$53.00
Intel Xeon E5-2430 v2 @ 2.50GHz	9061	499	110.52	\$81.99*
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	500	NA	NA
Intel Core i7-4850HQ @ 2.30GHz	9050	501	20.85	\$434.00*
AMD FX-8370 Eight-Core	9049	502	39.35	\$230.00*
Intel Core i5-7600K @ 3.80GHz	9049	503	28.93	\$312.85
Intel Core i7-990X @ 3.47GHz	9037	504	25.82	\$349.99*
AMD Ryzen 5 2400GE	9034	505	NA	NA
Intel Core i5-1035G4 @ 1.10GHz	9020	506	29.19	\$309.00*
Intel Core i7-6700T @ 2.80GHz	9005	507	23.95	\$375.99
Intel Core i5-8305G @ 2.80GHz	9000	509	NA	NA
Intel Xeon E5-2623 v3 @ 3.00GHz	9000	508	74.39	\$121.00*
Intel Core i7-3820 @ 3.60GHz	8987	510	24.56	\$365.99*
Intel Core i7-3920XM @ 2.90GHz	8983	511	8.20	\$1,096.00*

Intel Xeon E3-1505M v5 @ 2.80GHz	8968	512	NA	NA
Intel Core i7-4900MQ @ 2.80GHz	8965	513	15.28	\$586.67*
AMD FX-8350 Eight-Core	8960	514	39.30	\$228.00
Intel Xeon W3690 @ 3.47GHz	8958	516	61.79	\$144.99
Intel Xeon X5679 @ 3.20GHz	8958	515	NA	NA
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	517	6.29	\$1,424.00*
Intel Core i7-4770HQ @ 2.20GHz	8950	518	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8909	519	223.07	\$39.94*
Intel Core i3-9100F @ 3.60GHz	8897	521	104.69	\$84.99
Intel Core i7-3770S @ 3.10GHz	8897	520	65.84	\$135.13
Intel Xeon E3-1275L v3 @ 2.70GHz	8896	522	NA	NA
AMD Opteron 6276	8889	524	52.60	\$169.00
Intel Xeon W3680 @ 3.33GHz	8889	523	81.56	\$108.99*
AMD Ryzen 7 PRO 2700U	8873	525	NA	NA
Intel Xeon E3-1230 V2 @ 3.30GHz	8869	526	113.71	\$78.00
Intel Xeon E5-4610 v3 @ 1.70GHz	8853	527	7.26	\$1,219.00*
AMD Ryzen 7 3750H	8840	528	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8793	529	NA	NA
Intel Xeon E5-2420 v2 @ 2.20GHz	8791	530	67.65	\$129.95*
Intel Core i3-9300T @ 3.20GHz	8777	531	61.38	\$143.00*
Intel Xeon E3-1290 @ 3.60GHz	8768	532	9.91	\$885.00*
Intel Xeon X5690 @ 3.47GHz	8766	533	81.17	\$108.00
Intel Core i7-3840QM @ 2.80GHz	8759	534	26.15	\$335.00*
Intel Core i7-7700HQ @ 2.80GHz	8758	535	23.17	\$378.00*
Intel Core i7-6820HQ @ 2.70GHz	8751	536	NA	NA
Intel Core i7-8565U @ 1.80GHz	8750	537	NA	NA
Intel Core i7-980X @ 3.33GHz	8739	538	7.87	\$1,109.95
Intel Core i7-8665UE @ 1.70GHz	8731	539	21.35	\$409.00*
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	540	19.05	\$456.54*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1559 @ 1.50GHz	8687	541	NA	NA
Intel Core i7-6820EQ @ 2.80GHz	8683	542	NA	NA
Intel Core i7-2700K @ 3.50GHz	8682	543	28.94	\$300.00
Intel Xeon E5-1428L v2 @ 2.20GHz	8679	544	17.57	\$494.00*
Intel Core i7-8650U @ 1.90GHz	8676	545	21.16	\$409.99*
Intel Core i7-6700TE @ 2.40GHz	8674	546	NA	NA
Intel Core i3-8300 @ 3.70GHz	8668	547	59.01	\$146.91
Intel Core i7-4810MQ @ 2.80GHz	8659	548	45.59	\$189.95*

Intel Xeon E5-2623 v4 @ 2.60GHz	8643	549	15.74	\$549.00*
Intel Core i5-1035G1 @ 1.00GHz	8637	550	29.08	\$297.00*
Intel Xeon E5-2620 v2 @ 2.10GHz	8623	551	126.15	\$68.36
Intel Core i5-7600 @ 3.50GHz	8619	552	22.93	\$375.89*
Intel Core i7-8665U @ 1.90GHz	8585	553	20.99	\$409.00*
Intel Core i7-4770T @ 2.50GHz	8580	554	21.45	\$399.99*
AMD Ryzen Embedded V1756B	8559	555	NA	NA
Intel Core i5-10210U @ 1.60GHz	8543	556	28.77	\$297.00*
Intel Core i7-980 @ 3.33GHz	8522	557	42.61	\$199.98*
Intel Xeon Silver 4112 @ 2.60GHz	8519	558	16.94	\$502.99
Intel Core i3-8100B @ 3.60GHz	8499	559	63.91	\$133.00*
AMD Ryzen 7 2800H	8498	560	NA	NA
AMD Ryzen 5 PRO 3500U	8492	561	NA	NA
Intel Xeon E5-2650L @ 1.80GHz	8483	562	113.11	\$75.00*
Intel Xeon E5-2643 @ 3.30GHz	8452	563	165.74	\$51.00
AMD Ryzen 3 PRO 3200G	8445	565	NA	NA
Intel Xeon D-1537 @ 1.70GHz	8445	564	14.79	\$571.00*
Intel Xeon D-1539 @ 1.60GHz	8443	566	17.37	\$486.00*
AMD Ryzen 7 PRO 3700U	8438	567	NA	NA
Intel Core i7-4800MQ @ 2.70GHz	8434	568	41.34	\$204.00*
Intel Core i3-9100 @ 3.60GHz	8430	569	62.47	\$134.95
Intel Core i7-2600K @ 3.40GHz	8428	570	18.40	\$458.00
Intel Xeon E3-1280 @ 3.50GHz	8420	571	25.35	\$332.20
Intel Core i7-3820QM @ 2.70GHz	8407	572	29.50	\$285.00*
AMD Ryzen 5 PRO 2400GE	8405	573	NA	NA
AMD Ryzen 5 3550H	8401	574	NA	NA
AMD Ryzen 5 1400	8374	575	53.10	\$157.71
AMD Ryzen 5 2600H	8366	576	NA	NA
AMD Ryzen 3 4300U	8363	577	NA	NA
Intel Xeon X5680 @ 3.33GHz	8353	578	120.55	\$69.29
Intel Core i7-970 @ 3.20GHz	8349	579	16.70	\$499.95*
Intel Core i7-5700HQ @ 2.70GHz	8348	580	NA	NA
AMD Ryzen 3 2300X	8347	581	43.25	\$193.02
Intel Core i5-8365U @ 1.60GHz	8338	582	28.07	\$297.00*
Intel Core i7-5675C @ 3.10GHz	8330	583	NA	NA
Intel Core i7-3740QM @ 2.70GHz	8284	584	34.53	\$239.95*
AMD Ryzen 3 PRO 3200GE	8266	585	NA	NA
Intel Xeon E5-2450L @ 1.80GHz	8261	586	206.53	\$40.00
Intel Xeon E3-1270 @ 3.40GHz	8250	587	26.19	\$315.00*
Intel Core i7-5700EQ @ 2.60GHz	8239	588	NA	NA
Intel Core i7-8550U @ 1.80GHz	8228	589	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1528 @ 1.90GHz	8210	590	NA	NA
Intel Core i7-3770T @ 2.50GHz	8207	591	24.87	\$329.99*
Intel Core i7-4750HQ @ 2.00GHz	8185	592	NA	NA
Intel Core i7-2600 @ 3.40GHz	8178	593	71.75	\$113.99
AMD Ryzen 5 PRO 2500U	8165	594	NA	NA
Intel Xeon D-2123IT @ 2.20GHz	8150	595	38.26	\$213.00*
AMD Ryzen 7 3780U	8134	596	NA	NA
Intel Core i7-6700HQ @ 2.60GHz	8126	597	21.50	\$378.00*
Intel Core i5-5675C @ 3.10GHz	8123	598	26.21	\$309.95*
Intel Core i5-8350U @ 1.70GHz	8121	599	27.35	\$297.00*
Intel Core i7-3720QM @ 2.60GHz	8120	600	22.37	\$363.00*
Intel Xeon E3-1275 @ 3.40GHz	8111	601	26.68	\$304.00
AMD Ryzen Embedded V1807B	8101	602	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8093	603	NA	NA
Intel Core i5-6600K @ 3.50GHz	8060	604	36.64	\$219.99
AMD FX-8320 Eight-Core	8039	605	58.25	\$138.01*
Intel Core i3-8300T @ 3.20GHz	8032	606	47.11	\$170.49*
Intel Xeon E3-1245 @ 3.30GHz	8030	607	87.30	\$91.99
AMD Ryzen 3 PRO 2200G	8028	608	NA	NA
Intel Xeon W3670 @ 3.20GHz	8016	609	16.03	\$499.99*
Intel Core i5-8365UE @ 1.60GHz	8010	610	26.97	\$297.00*
Intel Core i3-8100 @ 3.60GHz	8005	611	66.72	\$119.99
Intel Xeon E5-2630L @ 2.00GHz	8004	612	NA	NA
AMD Ryzen 3 PRO 1300	7994	613	NA	NA
Intel Core i5-5675R @ 3.10GHz	7991	614	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7988	615	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7983	616	29.40	\$271.57*
Intel Xeon E3-1240 @ 3.30GHz	7982	617	95.04	\$83.99
Intel Core i5-8265U @ 1.60GHz	7981	618	26.87	\$297.00*
Intel Xeon X5675 @ 3.07GHz	7966	619	173.64	\$45.88
Intel Xeon E3-1225 v6 @ 3.30GHz	7958	620	26.95	\$295.36
AMD Ryzen 7 3700U	7957	621	NA	NA
Intel Core i5-7600T @ 2.80GHz	7952	622	28.35	\$280.55*
Intel Core i5-7500 @ 3.40GHz	7938	623	39.89	\$199.00
AMD Ryzen 5 3580U	7911	624	NA	NA
Intel Xeon E5-2620 @ 2.00GHz	7901	625	447.67	\$17.65*
Intel Core i7-4860EQ @ 1.80GHz	7900	626	NA	NA

Intel Xeon E3-1505L v6 @ 2.20GHz	7887	627	NA	NA
AMD FX-8370E Eight-Core	7871	628	24.59	\$320.09
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	629	17.82	\$441.00*
Intel Xeon E3-1230 @ 3.20GHz	7852	630	85.36	\$91.99
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	631	NA	NA
Intel Xeon E3-1225 v5 @ 3.30GHz	7842	632	19.39	\$404.49
Intel Xeon E5-2430L @ 2.00GHz	7834	633	242.71	\$32.28*
AMD Opteron 6328	7826	634	21.80	\$359.00
Intel Core i5-4690K @ 3.50GHz	7799	635	49.05	\$159.00
Intel Xeon X5670 @ 2.93GHz	7796	636	234.26	\$33.28
Intel Core i5-6600 @ 3.30GHz	7785	637	29.70	\$262.13*
Intel Core i5-8265UC @ 1.60GHz	7783	638	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8300 Eight-Core	7779	639	64.84	\$119.99*
AMD Ryzen 3 3200G	7772	640	81.82	\$94.99
Intel Xeon E3-1220 v5 @ 3.00GHz	7768	641	29.16	\$266.46*
Intel Xeon E3-1235 @ 3.20GHz	7759	642	31.80	\$244.00*
Intel Xeon E3-1220 v6 @ 3.00GHz	7750	643	31.93	\$242.73
Intel Xeon E3-1240L v5 @ 2.10GHz	7746	644	27.87	\$278.00*
AMD Ryzen 5 3500U	7743	645	NA	NA
Intel Core i7-4700HQ @ 2.40GHz	7736	646	20.20	\$383.00*
Intel Xeon E-2104G @ 3.20GHz	7735	647	40.08	\$193.00*
AMD FX-8310 Eight-Core	7731	648	NA	NA
Intel Core i7-4710HQ @ 2.50GHz	7723	649	20.43	\$378.00*
Intel Core i5-4690 @ 3.50GHz	7698	650	34.23	\$224.91
Intel Core i3-9100T @ 3.10GHz	7688	651	63.02	\$122.00*
Intel Core i7-4700MQ @ 2.40GHz	7684	652	40.66	\$189.00*
AMD Opteron 6238	7673	653	21.32	\$359.89*
Intel Xeon E5-2430 @ 2.20GHz	7669	654	25.15	\$304.99*
AMD FX-8150 Eight-Core	7656	655	5.30	\$1,443.99
Intel Core i7-4785T @ 2.20GHz	7646	656	NA	NA
Intel Core i5-4670K @ 3.40GHz	7638	657	18.63	\$409.95*
Intel Core i5-8250U @ 1.60GHz	7636	658	NA	NA
Intel Core i5-7440HQ @ 2.80GHz	7625	659	NA	NA
Intel Xeon E3-1226 v3 @ 3.30GHz	7603	660	12.78	\$595.00*
AMD FX-8320E Eight-Core	7585	661	31.71	\$239.24
Intel Core i7-3630QM @ 2.40GHz	7582	662	31.73	\$239.00*
AMD Ryzen 3 1300X	7557	663	51.77	\$145.99

Intel Xeon X5660 @ 2.80GHz	7533	664	215.30	\$34.99*
Intel Core i7-4712HQ @ 2.30GHz	7530	665	NA	NA
AMD Opteron 6366 HE	7503	666	250.19	\$29.99*
Intel Xeon E3-1240L v3 @ 2.00GHz	7486	667	NA	NA
Intel Core i5-4670 @ 3.40GHz	7485	668	68.68	\$109.00
Intel Core i5-5575R @ 2.80GHz	7484	669	NA	NA
Intel Core i5-4690S @ 3.20GHz	7470	670	20.80	\$359.21*
AMD Ryzen 3 PRO 2200GE	7460	671	NA	NA
Intel Core i7-3610QM @ 2.30GHz	7457	672	18.64	\$399.99*
Intel Xeon E3-1265L V2 @ 2.50GHz	7434	673	50.23	\$148.00*
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	674	NA	NA
AMD Ryzen 7 2700U	7427	675	NA	NA
Intel Core i7-4702HQ @ 2.20GHz	7421	676	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	677	26.88	\$276.00*
Intel Xeon W-2104 @ 3.20GHz	7418	678	29.09	\$255.00*
Intel Core i5-4670K CPT @ 3.40GHz	7411	679	NA	NA
AMD Ryzen Embedded V1605B	7407	680	NA	NA
Intel Core i5-4670S @ 3.10GHz	7404	681	34.76	\$213.00*
Intel Core i7-3615QM @ 2.30GHz	7394	682	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7388	683	NA	NA
Intel Xeon E3-1205 v6 @ 3.00GHz	7360	684	38.14	\$193.00*
Intel Core i5-4590 @ 3.30GHz	7359	685	64.55	\$114.00
AMD Ryzen 3 2200G	7329	686	61.47	\$119.25
AMD Ryzen 5 2500U	7327	687	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6600T @ 2.70GHz	7309	688	24.37	\$299.95*
Intel Core i7-4765T @ 2.00GHz	7297	689	18.24	\$399.99*
Intel Xeon E5-1607 v4 @ 3.10GHz	7270	690	NA	NA
Intel Xeon X5650 @ 2.67GHz	7268	691	77.26	\$94.08
Intel Xeon E5-1410 @ 2.80GHz	7265	692	161.50	\$44.99*
Intel Core i3-8100T @ 3.10GHz	7262	693	56.30	\$129.00*
Intel Xeon E3-1225 v3 @ 3.20GHz	7259	694	53.78	\$134.99
Intel Core i5-6500 @ 3.20GHz	7252	695	41.92	\$172.99
Intel Core i5-7400 @ 3.00GHz	7240	696	35.19	\$205.77
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	697	25.12	\$287.90*
Intel Core i7-2960XM @ 2.70GHz	7224	698	17.62	\$409.95*
Intel Core i7-4700EQ @ 2.40GHz	7203	699	NA	NA

Intel Core i7-4712MQ @ 2.30GHz	7192	700	NA	NA
Intel Core i5-3570K @ 3.40GHz	7191	701	22.14	\$324.88
Intel Xeon E3-1220 v3 @ 3.10GHz	7166	702	53.48	\$133.99
Intel Core i5-4570 @ 3.20GHz	7162	703	80.48	\$88.99
Intel Core i5-3570 @ 3.40GHz	7146	704	97.91	\$72.99
Intel Core i7-4702MQ @ 2.20GHz	7133	705	32.65	\$218.45*
Intel Core i5-10210Y @ 1.00GHz	7124	706	NA	NA
Intel Core i5-4590S @ 3.00GHz	7100	707	59.17	\$119.99
Intel Core i5-6402P @ 2.80GHz	7097	708	37.36	\$189.99*
Intel Xeon E5-2420 @ 1.90GHz	7092	709	365.42	\$19.41*
Intel Core i7-2600S @ 2.80GHz	7086	710	67.41	\$105.12
Intel Xeon E5-1607 v3 @ 3.10GHz	7039	711	117.35	\$59.99
AMD Ryzen 3 PRO 2300U	7027	712	NA	NA
AMD FX-6350 Six-Core	7024	713	58.51	\$120.06*
AMD Ryzen 3 PRO 3300U	7019	714	NA	NA
Intel Core i7-2920XM @ 2.50GHz	6998	715	15.89	\$440.44*
Intel Xeon E3-1225 V2 @ 3.20GHz	6992	716	109.27	\$63.99
Intel Xeon D-1521 @ 2.40GHz	6980	717	NA	NA
Intel Xeon W-2102 @ 2.90GHz	6977	718	24.31	\$286.99*
Intel Core i5-3550 @ 3.30GHz	6971	719	22.49	\$309.99*
Intel Xeon X5687 @ 3.60GHz	6960	720	118.99	\$58.50
Intel Core i5-7500T @ 2.70GHz	6957	721	25.77	\$269.99*
AMD FX-6330 Six-Core	6954	722	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	723	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6934	724	12.82	\$541.00*
Intel Core i5-3550S @ 3.00GHz	6925	726	22.90	\$302.45*
Intel Core i7-3632QM @ 2.20GHz	6925	725	32.36	\$214.05
Intel Xeon E5-2609 v4 @ 1.70GHz	6925	727	19.25	\$359.73*
Intel Xeon Bronze 3106 @ 1.70GHz	6885	728	20.87	\$329.99
AMD Ryzen 3 2200GE	6871	729	NA	NA
Intel Xeon L5639 @ 2.13GHz	6869	730	NA	NA
Intel Core i5-4570S @ 2.90GHz	6851	731	16.71	\$409.95
Intel Xeon E5649 @ 2.53GHz	6836	732	65.69	\$104.07*
Intel Core i7-3612QM @ 2.10GHz	6825	733	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6806	734	NA	NA
AMD Ryzen 3 1200	6805	735	76.49	\$88.98
AMD Opteron 6220	6785	736	113.11	\$59.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
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Intel Core i5-4570R @ 2.70GHz	6776	737	NA	NA
Intel Core i7-2840QM @ 2.40GHz	6766	738	NA	NA
AMD Opteron 4386	6761	740	48.30	\$139.99*
Intel Xeon E3-1220 V2 @ 3.10GHz	6761	739	127.60	\$52.99
Intel Core i5-6400 @ 2.70GHz	6758	741	29.53	\$228.83*
Intel Xeon X5677 @ 3.47GHz	6755	742	242.49	\$27.86*
Intel Core i5-3570S @ 3.10GHz	6752	743	110.72	\$60.99
AMD Opteron 6272	6748	744	96.42	\$69.99
Intel Core i5-3470 @ 3.20GHz	6735	745	100.55	\$66.99
Intel Core i7-4770TE @ 2.30GHz	6732	746	NA	NA
Intel Core i5-4460 @ 3.20GHz	6731	747	74.80	\$89.99
Intel Core i5-7300HQ @ 2.50GHz	6714	748	NA	NA
Intel Core i7-3612QE @ 2.10GHz	6712	749	NA	NA
Intel Xeon E5-2648L @ 1.80GHz	6698	750	NA	NA
AMD Ryzen 3 PRO 1200	6685	751	NA	NA
Intel Core i5-2550K @ 3.40GHz	6680	752	35.16	\$190.00*
Intel Core i7-3635QM @ 2.40GHz	6674	753	NA	NA
AMD Opteron 4284	6660	754	111.03	\$59.99*
AMD FX-8120 Eight-Core	6647	755	29.85	\$222.73*
Intel Core i7-985 @ 3.47GHz	6641	756	NA	NA
Intel Core i7-2820QM @ 2.30GHz	6640	757	36.68	\$181.02
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	758	NA	NA
Intel Core i5-3475S @ 2.90GHz	6609	759	46.06	\$143.50*
Intel Core i5-6500TE @ 2.30GHz	6606	760	31.46	\$209.99
Intel Core i3-7350K @ 4.20GHz	6593	761	41.21	\$159.99
Intel Atom C3958 @ 2.00GHz	6586	762	14.67	\$449.00*
Intel Core i7-2760QM @ 2.40GHz	6555	763	31.22	\$209.95*
Intel Core i5-4690T @ 2.50GHz	6547	764	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	765	NA	NA
Intel Core i5-3450 @ 3.10GHz	6540	766	30.23	\$216.34*
Intel Core i5-4440 @ 3.10GHz	6521	767	13.12	\$497.00*
Intel Core i7-6822EQ @ 2.00GHz	6501	768	NA	NA
Intel Core i5-2500K @ 3.30GHz	6492	769	14.95	\$434.26*
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	770	NA	NA
Intel Xeon X5672 @ 3.20GHz	6461	771	143.61	\$44.99*
Intel Core i7-7567U @ 3.50GHz	6460	772	8.68	\$744.00
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	773	NA	NA
Intel Core i5-4460S @ 2.90GHz	6441	774	9.76	\$659.99*
AMD Opteron 4280	6430	775	128.60	\$50.00*
Intel Core i5-6440EQ @ 2.70GHz	6424	776	NA	NA
Intel Xeon E5645 @ 2.40GHz	6415	777	78.90	\$81.31*

AMD FX-6300 Six-Core	6412	778	62.26	\$103.00
Intel Core i3-7320 @ 4.10GHz	6406	779	35.06	\$182.72*
Intel Core i5-3470S @ 2.90GHz	6405	780	27.85	\$230.00
AMD Opteron 3380	6384	781	7.89	\$809.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	782	NA	NA
Intel Core i5-2500 @ 3.30GHz	6357	783	115.60	\$55.00
Intel Core i5-7400T @ 2.40GHz	6352	784	23.13	\$274.63
Intel Core i5-4430 @ 3.00GHz	6346	785	39.67	\$159.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6500T @ 2.50GHz	6325	786	23.43	\$269.95*
Intel Core i3-7300 @ 4.00GHz	6319	787	39.50	\$159.99*
Intel Core i5-4440S @ 2.80GHz	6275	788	13.56	\$462.97*
Intel Xeon E3-1220 @ 3.10GHz	6264	789	142.37	\$44.00
Intel Core i5-3450S @ 2.80GHz	6240	790	42.17	\$147.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6238	791	132.77	\$46.99*
Intel Xeon E5-1607 v2 @ 3.00GHz	6238	792	178.50	\$34.95*
Intel Xeon L5640 @ 2.27GHz	6236	793	74.82	\$83.36*
AMD FX-6130 Six-Core	6215	794	NA	NA
Intel Xeon X5667 @ 3.07GHz	6200	795	265.78	\$23.33*
Intel Xeon E3-1260L @ 2.40GHz	6180	796	107.84	\$57.31
Intel Core i5-4670T @ 2.30GHz	6175	797	23.84	\$259.02*
AMD Opteron 6174	6171	798	94.94	\$65.00
Intel Xeon W3580 @ 3.33GHz	6167	799	28.75	\$214.50*
Intel Core i5-3350P @ 3.10GHz	6158	800	41.06	\$149.99*
Intel Core i5-2450P @ 3.20GHz	6149	801	68.34	\$89.99*
AMD FX-8140 Eight-Core	6133	802	NA	NA
AMD Ryzen 3 2300U	6130	803	NA	NA
Intel Core i5-3340 @ 3.10GHz	6114	804	20.87	\$293.01*
Intel Core i7-2720QM @ 2.20GHz	6110	805	32.17	\$189.95*
AMD FX-6200 Six-Core	6108	807	17.97	\$339.95
Intel Core i3-1005G1 @ 1.20GHz	6108	806	21.74	\$281.00*
Intel Xeon E3-1225 @ 3.10GHz	6108	808	105.33	\$57.99
AMD PRO A12-9800	6107	809	36.14	\$169.00*
AMD Opteron 4334	6099	810	28.18	\$216.42*
Intel Core i7-975 @ 3.33GHz	6096	811	12.19	\$499.99
Intel Core i5-6300HQ @ 2.30GHz	6092	812	NA	NA
AMD Opteron 3365	6088	813	NA	NA
Intel Xeon W5590 @ 3.33GHz	6070	814	74.04	\$81.99

Intel Core i3-8109U @ 3.00GHz	6069	815	NA	NA
AMD PRO A12-8870	6067	816	NA	NA
Intel Core i3-6320 @ 3.90GHz	6051	817	14.87	\$407.00
Intel Xeon W3570 @ 3.20GHz	6032	818	12.57	\$479.95*
Intel Core i7-7660U @ 2.50GHz	5992	819	NA	NA
Intel Core i5-4430S @ 2.70GHz	5984	820	37.41	\$159.99*
Intel Core i5-2400 @ 3.10GHz	5977	821	108.72	\$54.98
Intel Xeon E3-1265L @ 2.40GHz	5961	822	6.49	\$918.35*
Intel Core i5-3330 @ 3.00GHz	5954	823	29.79	\$199.88*
Intel Core i5-6442EQ @ 1.90GHz	5953	824	23.81	\$250.00*
Intel Core i5-3570T @ 2.30GHz	5944	825	NA	NA
AMD Opteron 6234	5938	826	198.27	\$29.95*
Intel Core i5-7442EQ @ 2.10GHz	5901	828	23.60	\$250.00*
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	827	55.66	\$106.03*
AMD FX-8100 Eight-Core	5884	829	41.44	\$142.00*
Intel Xeon E5-1607 @ 3.00GHz	5883	830	202.86	\$29.00
Intel Core i7-2670QM @ 2.20GHz	5878	831	42.48	\$138.40*
Intel Core i5-7360U @ 2.30GHz	5863	832	NA	NA
Intel Core i5-3340S @ 2.80GHz	5862	833	39.09	\$149.99*
AMD PRO A10-8850B	5853	835	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 3 3300U	5853	834	NA	NA
Intel Core i7-965 @ 3.20GHz	5850	836	41.79	\$139.99*
Intel Core i3-6300 @ 3.80GHz	5844	837	18.85	\$309.99
Intel Xeon W5580 @ 3.20GHz	5836	838	84.59	\$68.99*
Intel Xeon X5647 @ 2.93GHz	5797	839	290.91	\$19.93*
Intel Core i5-3335S @ 2.70GHz	5795	840	NA	NA
Intel Core i7-960 @ 3.20GHz	5790	841	20.68	\$280.00
Intel Core i5-2320 @ 3.00GHz	5780	842	62.15	\$93.00
AMD Opteron 6212	5776	843	192.62	\$29.99*
Intel Core i3-7100 @ 3.90GHz	5772	845	41.39	\$139.46
Intel Core i7-2710QE @ 2.10GHz	5772	844	NA	NA
Intel Core i7-7560U @ 2.40GHz	5769	846	NA	NA
Intel Xeon W3565 @ 3.20GHz	5767	847	82.45	\$69.95
AMD FX-6120 Six-Core	5766	848	NA	NA
ZHAOXIN KaiXian KX-U6780A@2.7GHz	5760	849	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	850	NA	NA
Intel Core i5-2380P @ 3.10GHz	5738	851	13.33	\$430.59*

Intel Pentium Gold G5600F @ 3.90GHz	5736	852	NA	NA
AMD Phenom II X6 1100T	5702	853	32.13	\$177.49*
AMD A10-7890K	5701	855	28.51	\$199.99*
Intel Xeon Bronze 3104 @ 1.70GHz	5701	854	24.79	\$229.99
Intel Core i5-3330S @ 2.70GHz	5684	856	56.84	\$100.00
Intel Core i5-7287U @ 3.30GHz	5656	857	NA	NA
Intel Pentium Gold G5620 @ 4.00GHz	5655	858	33.84	\$167.13*
Intel Core i5-7260U @ 2.20GHz	5643	859	10.12	\$557.79
Intel Core i5-4590T @ 2.00GHz	5637	860	26.85	\$209.95*
Intel Core i5-6400T @ 2.20GHz	5632	861	21.67	\$259.95*
Intel Xeon X3480 @ 3.07GHz	5629	862	NA	NA
Intel Core i3-4370 @ 3.80GHz	5618	863	18.18	\$309.00*
AMD Opteron 4332 HE	5614	864	NA	NA
AMD A10-8850	5604	865	NA	NA
Intel Xeon X5570 @ 2.93GHz	5600	866	23.34	\$239.95*
Intel Xeon L5638 @ 2.00GHz	5590	867	79.97	\$69.90*
AMD PRO A10-9700	5589	868	33.07	\$169.00*
AMD A12-9800	5588	869	37.70	\$148.24*
Intel Core i7-6567U @ 3.30GHz	5582	870	NA	NA
Intel Pentium Gold G5600 @ 3.90GHz	5579	871	25.83	\$216.00
Intel Xeon E5-1603 @ 2.80GHz	5578	872	279.35	\$19.97*
AMD Athlon X4 880K	5569	873	55.70	\$99.99*
Intel Xeon W3550 @ 3.07GHz	5561	874	185.43	\$29.99*
AMD PRO A10-8770	5555	875	NA	NA
AMD Athlon PRO 300GE	5554	876	NA	NA
AMD Phenom II X6 1090T	5553	877	31.91	\$174.04*
Intel Core i7-2675QM @ 2.20GHz	5544	878	NA	NA
Intel Core i5-2310 @ 2.90GHz	5542	879	39.23	\$141.29*
AMD Opteron 3280	5533	880	20.26	\$273.18*
Intel Core i7-950 @ 3.07GHz	5532	881	93.77	\$59.00
Intel Xeon E5-2603 v4 @ 1.70GHz	5524	882	24.64	\$224.20*
Intel Core i7-2630QM @ 2.00GHz	5523	883	53.72	\$102.81*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 300GE	5517	884	NA	NA
Intel Core i3-10110U @ 2.10GHz	5511	885	NA	NA
Intel Core i7-880 @ 3.07GHz	5510	886	9.45	\$583.00*

Intel Core i3-6100 @ 3.70GHz	5486	887	42.53	\$128.99
AMD A10-7870K	5476	888	24.13	\$226.99*
AMD A10-7850K APU	5465	892	32.66	\$167.33*
AMD A8-8650	5465	889	NA	NA
AMD Opteron 6176 SE	5465	891	34.37	\$159.00*
AMD PRO A10-8750B	5465	890	NA	NA
Intel Core i3-8145U @ 2.10GHz	5458	893	19.42	\$281.00*
Intel Core i3-4360 @ 3.70GHz	5451	894	21.05	\$259.00
AMD Athlon 240GE	5433	895	78.76	\$68.99
Intel Core i7-2635QM @ 2.00GHz	5426	896	NA	NA
Intel Core i7-875K @ 2.93GHz	5413	897	15.04	\$359.99*
AMD Athlon X4 860K	5407	898	43.28	\$124.95
AMD FX-6100 Six-Core	5407	899	20.96	\$258.00*
Intel Core i5-2500S @ 2.70GHz	5405	900	82.86	\$65.24*
AMD Athlon X4 845	5403	901	101.71	\$53.13*
Intel Xeon W3540 @ 2.93GHz	5395	902	270.85	\$19.92*
Intel Core i3-6098P @ 3.60GHz	5389	904	40.29	\$133.74*
Intel Xeon X5560 @ 2.80GHz	5389	903	158.56	\$33.99*
AMD A10-9700	5386	905	61.21	\$87.99
AMD A10 PRO-7850B APU	5380	906	NA	NA
Intel Core i5-2300 @ 2.80GHz	5373	907	67.18	\$79.99*
Intel Core i3-7300T @ 3.50GHz	5369	908	29.57	\$181.59*
Intel Core i7-2715QE @ 2.10GHz	5365	909	NA	NA
AMD A8-7680	5355	910	89.27	\$59.99*
AMD Opteron 6164 HE	5351	911	NA	NA
AMD FX-4350 Quad-Core	5343	912	12.43	\$430.00
AMD Athlon X4 870K	5335	913	66.70	\$79.99*
Intel Core i7-870 @ 2.93GHz	5334	914	59.94	\$89.00
Intel Xeon X3470 @ 2.93GHz	5331	915	33.33	\$159.95*
Intel Core i7-940 @ 2.93GHz	5325	916	51.21	\$103.99*
Intel Xeon D-1518 @ 2.20GHz	5322	917	NA	NA
AMD Phenom II X6 1075T	5321	918	47.10	\$112.99*
AMD Athlon 3000G	5303	919	96.44	\$54.99*
AMD PRO A8-9600	5277	920	44.35	\$119.00*
Intel Xeon X5550 @ 2.67GHz	5270	921	17.29	\$304.85*
Intel Pentium Gold G5420 @ 3.80GHz	5267	922	61.98	\$84.99
AMD Opteron 6172	5261	923	26.57	\$198.00*
Intel Core i3-6300T @ 3.30GHz	5258	924	33.93	\$154.99*
Intel Xeon E5640 @ 2.67GHz	5250	925	20.89	\$251.36
Intel Core i3-4340 @ 3.60GHz	5245	926	30.86	\$169.99*

AMD Athlon X4 950	5229	927	29.21	\$179.00
AMD PRO A8-8650B	5223	928	NA	NA
Intel Pentium G4620 @ 3.70GHz	5216	929	45.90	\$113.66*
Intel Xeon W3530 @ 2.80GHz	5212	930	17.73	\$293.95*
AMD Athlon 220GE	5209	931	66.22	\$78.68
Intel Xeon E5-2418L @ 2.00GHz	5202	932	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium Gold G5400 @ 3.70GHz	5199	933	74.29	\$69.99
Intel Pentium Gold G5500 @ 3.80GHz	5195	934	30.58	\$169.90*
Intel Core i3-4170 @ 3.70GHz	5191	935	32.79	\$158.31
AMD PRO A12-8870E	5186	936	NA	NA
AMD Ryzen Embedded V1404I	5180	937	NA	NA
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	938	75.07	\$69.00*
Intel Xeon E5-2609 v2 @ 2.50GHz	5179	939	28.26	\$183.28
AMD FX-4330	5163	940	NA	NA
Intel Core i3-7101TE @ 3.40GHz	5160	941	44.11	\$117.00*
Intel Pentium Gold G5420T @ 3.20GHz	5156	942	80.57	\$64.00*
Intel Xeon X3460 @ 2.80GHz	5142	943	14.40	\$357.00*
Intel Core i5-7300U @ 2.60GHz	5138	944	10.27	\$500.54
AMD Athlon PRO 200GE	5133	945	NA	NA
Intel Core i7-930 @ 2.80GHz	5125	946	46.60	\$109.99*
AMD A10-7700K APU	5118	947	40.79	\$125.47*
Intel Core i7-7500U @ 2.70GHz	5116	948	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	949	NA	NA
Intel Core i7-7600U @ 2.80GHz	5112	950	NA	NA
Intel Core i5-7267U @ 3.10GHz	5101	951	NA	NA
AMD A8-7670K	5089	952	31.59	\$161.10*
Intel Core i3-4330 @ 3.50GHz	5089	953	12.73	\$399.95
Intel Core i5-2405S @ 2.50GHz	5082	954	24.44	\$208.00*
AMD Athlon X4 840	5071	955	64.40	\$78.74*
AMD Embedded R-Series RX-418GD Radeon R6	5068	956	NA	NA
Intel Pentium G4600 @ 3.60GHz	5068	957	19.50	\$259.95
AMD PRO A10-9700E	5066	958	36.45	\$139.00*
AMD A8-7600 APU	5057	959	34.42	\$146.94*
Intel Core i3-7100T @ 3.40GHz	5055	960	34.28	\$147.47

Intel Xeon E5630 @ 2.53GHz	5055	961	10.19	\$495.92
Intel Core i3-4160 @ 3.60GHz	5053	962	56.15	\$89.99
AMD Phenom II X6 1405T	5042	963	NA	NA
AMD A10-7860K	5036	964	28.78	\$175.00*
AMD A12-9800E	5031	965	31.41	\$160.17
AMD A10-8750	5030	966	NA	NA
AMD Opteron 4365 EE	5025	967	NA	NA
AMD PRO A10-8770E	5023	968	NA	NA
AMD FX-870K Quad Core	5021	969	NA	NA
AMD Phenom II X6 1065T	5021	970	NA	NA
Intel Core i7-860 @ 2.80GHz	5018	971	17.31	\$289.95
AMD PRO A8-8670E	5015	972	NA	NA
Intel Xeon E5-4603 @ 2.00GHz	5014	973	52.21	\$96.04*
AMD FX-4320	5011	974	NA	NA
Intel Core i5-2400S @ 2.50GHz	4996	975	27.46	\$182.00*
Intel Core i3-8130U @ 2.20GHz	4994	976	17.77	\$281.00*
Intel Core i3-4350 @ 3.60GHz	4990	978	29.36	\$169.99*
Intel Core i5-4460T @ 1.90GHz	4990	977	NA	NA
Intel Core i7-6650U @ 2.20GHz	4980	979	NA	NA
AMD A10-7800 APU	4976	980	48.13	\$103.39*
AMD Phenom II X6 1055T	4961	981	45.52	\$109.01

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A8-9600	4957	984	71.85	\$68.99
AMD Athlon 200GE	4957	982	68.39	\$72.49
Intel Core i7-5557U @ 3.10GHz	4957	983	7.03	\$705.00*
Intel Xeon W3520 @ 2.67GHz	4937	985	102.87	\$48.00*
AMD A10 PRO-7800B APU	4935	986	NA	NA
Intel Core i3-4570T @ 2.90GHz	4934	987	NA	NA
Intel Core i7-4610M @ 3.00GHz	4931	988	NA	NA
Intel Core i5-24050S @ 2.50GHz	4928	989	NA	NA
AMD A8-7650K	4924	990	21.41	\$230.00*
Intel Core i3-4370T @ 3.30GHz	4924	991	35.68	\$138.00*
Intel Core i7-860S @ 2.53GHz	4919	992	24.60	\$199.99*
AMD Opteron 6136	4916	993	44.70	\$110.00*
Intel Core i7-4600M @ 2.90GHz	4916	994	NA	NA
Intel Core i7-920 @ 2.67GHz	4908	995	119.73	\$41.00
Intel Core i3-4150 @ 3.50GHz	4903	996	55.86	\$87.79
Intel Core i5-6267U @ 2.90GHz	4896	997	NA	NA

Intel Pentium Gold G5400T @ 3.10GHz	4884	998	76.31	\$64.00*
Intel Core i5-4340M @ 2.90GHz	4882	999	NA	NA
AMD FX-4170 Quad-Core	4874	1000	48.75	\$99.99*
AMD Opteron 6274	4865	1001	108.15	\$44.99
AMD A10-6800K APU	4863	1002	55.42	\$87.76*
Intel Core i3-6100T @ 3.20GHz	4863	1003	36.03	\$134.99*
Intel Pentium G4560 @ 3.50GHz	4859	1004	48.60	\$99.99*
Intel Atom C3858 @ 2.00GHz	4852	1005	14.62	\$332.00*
Intel Core i7-870S @ 2.67GHz	4849	1006	NA	NA
Intel Xeon X5492 @ 3.40GHz	4846	1007	3.48	\$1,391.29*
Intel Core i5-4570T @ 2.90GHz	4828	1008	23.00	\$209.95
Intel Core i7-6560U @ 2.20GHz	4823	1009	NA	NA
AMD A10-6800B APU	4822	1010	NA	NA
AMD FX-770K Quad-Core	4819	1011	NA	NA
Intel Xeon E5-2407 v2 @ 2.40GHz	4810	1012	13.37	\$359.95*
Intel Core i3-4130 @ 3.40GHz	4806	1013	57.22	\$84.00
Intel Core i3-8121U @ 2.20GHz	4802	1014	NA	NA
Intel Core i7-6600U @ 2.60GHz	4802	1015	NA	NA
AMD Phenom II X6 1045T	4793	1016	46.08	\$104.02*
AMD FX-9830P	4785	1017	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	1018	NA	NA
AMD PRO A12-9800E	4769	1019	28.22	\$169.00*
Intel Xeon E5620 @ 2.40GHz	4769	1020	80.85	\$58.99*
Intel Core i3-7167U @ 2.80GHz	4757	1021	NA	NA
Intel Xeon E5540 @ 2.53GHz	4756	1022	80.62	\$59.00*
Intel Core i5-6287U @ 3.10GHz	4751	1023	15.63	\$304.00*
AMD Ryzen Embedded R1606G	4750	1024	NA	NA
AMD Opteron X3421 APU	4745	1025	NA	NA
AMD Ryzen 3 2200U	4745	1026	NA	NA
AMD A8 PRO-7600B APU	4744	1028	NA	NA
Intel Xeon X3450 @ 2.67GHz	4744	1027	59.35	\$79.95*
AMD A10-9700E	4727	1029	30.68	\$154.10*
AMD A10-6790K APU	4718	1030	49.68	\$94.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2435	4708	1031	72.44	\$65.00
AMD Athlon X4 830	4701	1032	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	1033	NA	NA
AMD FX-4300 Quad-Core	4699	1034	55.92	\$84.04

Intel Core i5-4310M @ 2.70GHz	4668	1035	NA	NA
Intel Core i7-3540M @ 3.00GHz	4665	1036	10.85	\$429.95*
AMD Phenom II X6 1035T	4664	1037	24.68	\$189.00*
AMD A10-5800K APU	4648	1038	18.60	\$249.95
Intel Core i5-2500T @ 2.30GHz	4647	1039	51.64	\$89.99*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	1040	2.57	\$1,805.95*
AMD A10-5800B APU	4639	1041	NA	NA
Intel Core i3-4360T @ 3.20GHz	4636	1042	NA	NA
AMD Embedded R-Series RX-421BD	4635	1043	NA	NA
AMD A8-6500B APU	4630	1044	NA	NA
AMD FX-7600P APU	4627	1045	NA	NA
Intel Xeon E5-2609 @ 2.40GHz	4624	1046	165.22	\$27.99*
AMD Ryzen Embedded R1505G	4614	1047	NA	NA
Intel Core i5-6360U @ 2.00GHz	4612	1048	NA	NA
AMD FX-B4150 Quad-Core	4611	1049	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4608	1050	2.86	\$1,608.95*
AMD A10-6700 APU	4603	1051	39.35	\$116.99*
AMD Athlon X4 760K Quad Core	4603	1052	109.65	\$41.98*
Intel Xeon X3380 @ 3.16GHz	4600	1053	9.02	\$509.95*
AMD FX-4150 Quad-Core	4594	1054	NA	NA
AMD A8-6600K APU	4593	1055	47.36	\$96.99*
AMD Ryzen 3 3200U	4569	1056	NA	NA
Intel Xeon X5470 @ 3.33GHz	4566	1057	24.16	\$189.00*
Intel Core i5-7200U @ 2.50GHz	4561	1058	8.96	\$509.00
Intel Core 860 @ 2.80GHz	4555	1059	57.67	\$79.00*
AMD Athlon 300U	4553	1060	NA	NA
Intel Core i7-3520M @ 2.90GHz	4553	1061	34.49	\$132.02*
Intel Core i5-4330M @ 2.80GHz	4551	1062	16.55	\$274.99*
AMD FX-670K Quad-Core	4550	1063	NA	NA
AMD Opteron X3418 APU	4548	1064	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	1065	17.10	\$266.00*
AMD FirePro A320 APU	4540	1066	NA	NA
Intel Core i5-4210H @ 2.90GHz	4537	1067	NA	NA
Intel Xeon X5482 @ 3.20GHz	4528	1068	45.29	\$99.99*
AMD Opteron 2431	4516	1069	129.08	\$34.99
Intel Xeon X3440 @ 2.53GHz	4509	1070	31.77	\$141.96*
Intel Xeon E5-2637 @ 3.00GHz	4508	1071	5.09	\$885.00*
Intel Core i3-4330T @ 3.00GHz	4507	1072	NA	NA

AMD Opteron 6128	4505	1073	237.24	\$18.99
Intel Core2 Extreme X9750 @ 3.16GHz	4504	1074	NA	NA
Intel Core i3-4170T @ 3.20GHz	4501	1075	21.44	\$209.95*
Intel Core i5-3470T @ 2.90GHz	4500	1076	14.57	\$308.95*
Intel Xeon E5530 @ 2.40GHz	4494	1077	58.04	\$77.44
AMD Phenom II X4 980	4486	1078	19.51	\$229.99*
Intel Core i3-3245 @ 3.40GHz	4473	1079	32.89	\$135.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6498DU @ 2.50GHz	4471	1080	NA	NA
Intel Core i3-4160T @ 3.10GHz	4467	1081	29.78	\$149.99*
Intel Core i5-4200H @ 2.80GHz	4466	1082	NA	NA
Intel Core i3-3250 @ 3.50GHz	4448	1083	63.55	\$70.00
AMD Ryzen Embedded V1202B	4447	1085	NA	NA
Intel Core i5-3380M @ 2.90GHz	4447	1084	NA	NA
Intel Core i5-4300M @ 2.60GHz	4445	1086	NA	NA
AMD Phenom II X4 975	4443	1088	31.81	\$139.69*
Intel Core i5-3360M @ 2.80GHz	4443	1087	47.88	\$92.81*
AMD A10-9630P	4436	1089	NA	NA
Intel Core i7-6500U @ 2.50GHz	4421	1090	11.25	\$393.00*
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	1091	NA	NA
AMD Opteron 4184	4418	1092	8.50	\$519.95*
AMD A12-9730P	4417	1093	NA	NA
Intel Core i7-4558U @ 2.80GHz	4403	1094	NA	NA
AMD Athlon X4 750 Quad Core	4400	1095	NA	NA
AMD A8-6500 APU	4399	1096	46.31	\$94.99*
Intel Core i5-5257U @ 2.70GHz	4392	1097	NA	NA
Intel Xeon L5530 @ 2.40GHz	4389	1098	227.93	\$19.26*
AMD PRO A10-9700B	4380	1099	NA	NA
Intel Xeon E5520 @ 2.27GHz	4373	1100	90.16	\$48.51*
Intel Core i5-4278U @ 2.60GHz	4371	1101	NA	NA
Intel Core i5-6300U @ 2.40GHz	4367	1102	NA	NA
Intel Core i5-6260U @ 1.80GHz	4363	1103	13.26	\$329.00
AMD RX-427BB	4359	1104	NA	NA
Intel Pentium Gold G5500T @ 3.20GHz	4346	1105	57.95	\$75.00*
AMD A8-5600K APU	4345	1106	18.95	\$229.30
Intel Core i3-3225 @ 3.30GHz	4344	1107	13.37	\$324.99

Intel Xeon L5630 @ 2.13GHz	4338	1108	206.69	\$20.99*
Intel Core i7-4560U @ 1.60GHz	4329	1109	NA	NA
Intel Core i3-6100TE @ 2.70GHz	4328	1110	NA	NA
Intel Core i7-5600U @ 2.60GHz	4326	1111	NA	NA
Intel Core i3-2140 @ 3.50GHz	4325	1112	NA	NA
Intel Xeon L5520 @ 2.27GHz	4324	1113	48.08	\$89.95*
Intel Xeon X5460 @ 3.16GHz	4318	1114	43.28	\$99.78*
Intel Core i3-3240 @ 3.40GHz	4315	1115	78.46	\$55.00
AMD Phenom II X4 970	4311	1116	29.11	\$148.11*
Intel Core i5-8200Y @ 1.30GHz	4309	1117	14.81	\$291.00*
Intel Core i3-4350T @ 3.10GHz	4302	1118	NA	NA
Intel Core i5-4288U @ 2.60GHz	4290	1119	NA	NA
Intel Xeon X3370 @ 3.00GHz	4284	1120	11.67	\$367.02*
AMD Athlon X4 750K Quad Core	4275	1121	55.54	\$76.99*
Intel Xeon X5698 @ 4.40GHz	4272	1122	NA	NA
Intel Core i3-7100H @ 3.00GHz	4271	1123	18.99	\$225.00*
AMD FX-4200 Quad-Core	4270	1124	18.71	\$228.21*
Intel Pentium G4600T @ 3.00GHz	4266	1125	24.06	\$177.28*
AMD Phenom II X4 B70	4261	1126	NA	NA
Intel Core i5-3340M @ 2.70GHz	4250	1127	53.17	\$79.95*
Intel Core i3-3220 @ 3.30GHz	4248	1128	88.51	\$48.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5650U @ 2.20GHz	4242	1129	NA	NA
AMD PRO A12-8830B	4233	1130	NA	NA
Intel Core i3-4150T @ 3.00GHz	4228	1131	21.26	\$198.94
Intel Core i5-8210Y @ 1.60GHz	4227	1132	NA	NA
Intel Core i5-4210M @ 2.60GHz	4219	1134	13.61	\$309.95*
Intel Core i5-4308U @ 2.80GHz	4219	1133	NA	NA
AMD A10-5700 APU	4215	1135	65.36	\$64.50*
Intel Core i5-2390T @ 2.70GHz	4213	1136	42.17	\$99.90*
AMD FX-8800P	4204	1137	NA	NA
Intel Core i3-6100H @ 2.70GHz	4195	1138	NA	NA
Intel Xeon E5-2407 @ 2.20GHz	4188	1139	139.62	\$30.00
AMD Opteron 3350 HE	4186	1140	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1141	38.05	\$109.99*
Intel Xeon E5450 @ 3.00GHz	4179	1142	13.98	\$298.94*
AMD Phenom II X4 965	4175	1143	49.70	\$84.01*
AMD Phenom II X4 B65	4172	1144	NA	NA

AMD FX-4130 Quad-Core	4168	1145	54.85	\$75.99*
Intel Core i3-4130T @ 2.90GHz	4156	1146	16.72	\$248.56*
Intel Core2 Extreme X9650 @ 3.00GHz	4155	1147	4.83	\$859.99*
Intel Core i5-6198DU @ 2.30GHz	4154	1148	NA	NA
Intel Core2 Quad Q9650 @ 3.00GHz	4152	1149	25.12	\$165.32*
Intel Core i5-3320M @ 2.60GHz	4134	1150	59.22	\$69.81*
Intel Core i7-3687U @ 2.10GHz	4133	1151	NA	NA
AMD Phenom II X4 B99	4126	1152	NA	NA
AMD Athlon II X4 559	4124	1153	NA	NA
AMD PRO A12-8800B	4111	1154	NA	NA
Intel Core i7-4600U @ 2.10GHz	4103	1155	NA	NA
Intel Xeon X5450 @ 3.00GHz	4103	1156	68.44	\$59.96*
AMD PRO A12-9800B	4102	1157	NA	NA
Intel Core i5-4258U @ 2.40GHz	4096	1158	NA	NA
Intel Xeon E5472 @ 3.00GHz	4083	1159	135.93	\$30.04*
AMD FX-4100 Quad-Core	4078	1160	26.58	\$153.45*
Intel Core i3-2130 @ 3.40GHz	4075	1161	114.84	\$35.49
Intel Core i3-7130U @ 2.70GHz	4060	1162	8.83	\$459.99*
Intel Core i3-3210 @ 3.20GHz	4049	1163	20.35	\$199.00*
AMD A8-5500B APU	4043	1164	NA	NA
Intel Core i5-4200M @ 2.50GHz	4039	1165	45.41	\$88.95*
AMD Athlon X4 740 Quad Core	4035	1166	14.57	\$277.00*
AMD FX-7600P	4035	1167	NA	NA
AMD Phenom II X4 B60	4030	1168	NA	NA
Intel Core i3-2125 @ 3.30GHz	4018	1169	19.41	\$207.00*
Intel Core i5-6200U @ 2.30GHz	4011	1170	NA	NA
Intel Xeon X5472 @ 3.00GHz	4001	1171	17.78	\$225.00*
AMD A8-5500 APU	4000	1172	70.80	\$56.50*
Intel Core i7-3667U @ 2.00GHz	3982	1173	NA	NA
Intel Core i7-5500U @ 2.40GHz	3981	1174	NA	NA
Intel Xeon X3363 @ 2.83GHz	3981	1175	116.79	\$34.09*
AMD A12-9720P	3971	1177	NA	NA
Intel Core i7-8500Y @ 1.50GHz	3971	1176	10.11	\$393.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3555LE @ 2.50GHz	3966	1178	NA	NA
AMD FX-9800P	3965	1179	NA	NA
AMD PRO A8-9600B	3964	1180	NA	NA
Intel Core2 Quad Q9550 @ 2.83GHz	3959	1181	88.99	\$44.49*

AMD PRO A10-8730B	3953	1183	NA	NA
Intel Xeon E5440 @ 2.83GHz	3953	1182	39.94	\$99.00*
Intel Core i5-3230M @ 2.60GHz	3948	1184	18.16	\$217.42*
Intel Core i7-4650U @ 1.70GHz	3948	1185	NA	NA
Intel Core i5-4402E @ 1.60GHz	3947	1187	NA	NA
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1186	NA	NA
AMD Phenom Ultra X4 24500	3945	1188	NA	NA
Intel Xeon L3426 @ 1.87GHz	3943	1189	8.82	\$447.01*
Intel Core i3-2120 @ 3.30GHz	3933	1190	112.39	\$35.00
Intel Core i5-760 @ 2.80GHz	3932	1191	25.53	\$154.03*
Intel Core i7-2640M @ 2.80GHz	3928	1192	33.57	\$117.01
Intel Xeon X3360 @ 2.83GHz	3925	1193	24.86	\$157.95*
Intel Core i7-940XM @ 2.13GHz	3921	1194	NA	NA
Intel Core i7-4510U @ 2.00GHz	3919	1195	NA	NA
AMD Phenom II X4 955	3913	1196	30.07	\$130.16*
Intel Pentium G4560T @ 2.90GHz	3909	1197	35.55	\$109.99*
Intel Core i5-3610ME @ 2.70GHz	3884	1198	NA	NA
Intel Xeon E5462 @ 2.80GHz	3872	1199	141.86	\$27.30*
AMD Phenom II X4 B97	3863	1200	67.80	\$56.99*
Intel Core i3-21050 @ 3.10GHz	3862	1201	NA	NA
Intel Pentium G3258 @ 3.20GHz	3862	1202	20.51	\$188.28
Intel Core i5-5300U @ 2.30GHz	3856	1203	7.10	\$543.39*
Intel Core i3-4110M @ 2.60GHz	3854	1204	NA	NA
Intel Xeon X3353 @ 2.66GHz	3853	1205	52.43	\$73.50*
Intel Core i7-5550U @ 2.00GHz	3851	1206	NA	NA
AMD Phenom II X4 B55	3850	1207	NA	NA
Intel Core i7-2620M @ 2.70GHz	3842	1208	22.63	\$169.81*
Intel Xeon L7455 @ 2.13GHz	3836	1209	NA	NA
Intel Core i5-3210M @ 2.50GHz	3831	1210	51.74	\$74.04
AMD Athlon II X4 555	3830	1211	NA	NA
Intel Core i5-4570TE @ 2.70GHz	3827	1212	19.14	\$199.99*
Intel Xeon X3350 @ 2.66GHz	3820	1213	63.69	\$59.99*
Intel Core i3-6157U @ 2.40GHz	3819	1214	NA	NA
AMD Athlon II X4 553	3814	1215	NA	NA
AMD Opteron 8439 SE	3813	1216	63.56	\$60.00*
Intel Pentium D1508 @ 2.20GHz	3813	1217	29.56	\$129.00*
Intel Core i7-3537U @ 2.00GHz	3812	1218	NA	NA
Intel Pentium G4500 @ 3.50GHz	3792	1219	44.56	\$85.10
Intel Core i7-4500U @ 1.80GHz	3786	1220	NA	NA
Intel Core i5-4310U @ 2.00GHz	3783	1221	NA	NA
Intel Core i5-2540M @ 2.60GHz	3782	1222	66.34	\$57.02

Intel Core i3-6100E @ 2.70GHz	3769	1223	NA	NA
AMD Phenom II X4 960T	3768	1224	8.04	\$469.00
Intel Atom C2750 @ 2.40GHz	3768	1225	16.24	\$232.00*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1226	62.78	\$59.99*
	Passmark CPU			
CPU Name	Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L3360 @ 2.83GHz	3764	1227	42.18	\$89.23*
AMD A10-9600P	3759	1230	NA	NA
AMD Phenom II X4 973	3759	1228	NA	NA
Intel Core i3-7100U @ 2.40GHz	3759	1231	9.17	\$409.99*
Intel Core m3-8100Y @ 1.10GHz	3759	1229	13.38	\$281.00*
Intel Core2 Quad Q9450 @ 2.66GHz	3754	1232	105.16	\$35.70*
Intel Core i5-2560M @ 2.70GHz	3752	1233	NA	NA
AMD Phenom II X4 977	3750	1234	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1235	NA	NA
Intel Xeon E5430 @ 2.66GHz	3746	1236	24.18	\$154.95*
Intel Core i3-2102 @ 3.10GHz	3736	1238	64.41	\$58.00*
Intel Core i5-4300U @ 1.90GHz	3736	1237	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3734	1239	NA	NA
AMD A12-9700P	3723	1240	NA	NA
Intel Xeon L5430 @ 2.66GHz	3721	1241	23.56	\$157.95*
Intel Core i7-920XM @ 2.00GHz	3719	1242	9.30	\$399.95
Intel Core i5-750 @ 2.67GHz	3718	1243	83.69	\$44.43*
Intel Core i3-2105 @ 3.10GHz	3716	1244	32.32	\$114.99*
Intel Xeon L5506 @ 2.13GHz	3715	1245	16.59	\$224.00*
Intel Pentium G3470 @ 3.60GHz	3714	1246	35.62	\$104.29*
AMD A10-6700T APU	3711	1247	25.15	\$147.61*
Intel Core i3-3220T @ 2.80GHz	3697	1248	27.39	\$135.00
Intel Pentium G3450 @ 3.40GHz	3696	1249	36.97	\$99.99*
Intel Core i3-2100 @ 3.10GHz	3695	1250	75.42	\$49.00
AMD Phenom II X4 B50	3694	1251	NA	NA
AMD Phenom II X4 B95	3676	1252	50.40	\$72.95*
Intel Core i5-7Y57 @ 1.20GHz	3676	1253	NA	NA
Intel Core i7-4550U @ 1.50GHz	3676	1254	NA	NA
Intel Core i3-5157U @ 2.50GHz	3670	1255	NA	NA
AMD A10-9620P	3668	1256	NA	NA
AMD Opteron 4170 HE	3664	1257	62.11	\$59.00*
Intel Core i3-3240T @ 2.90GHz	3661	1258	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1259	3.25	\$1,125.00*

AMD Phenom II X4 945	3650	1260	53.60	\$68.11
Intel Core i5-3437U @ 1.90GHz	3629	1261	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1262	NA	NA
Intel Core i3-3250T @ 3.00GHz	3614	1263	NA	NA
Intel Core2 Extreme Q6850 @ 3.00GHz	3613	1264	2.42	\$1,495.95*
Intel Core i5-4350U @ 1.40GHz	3610	1265	NA	NA
AMD A10-7400P	3608	1266	NA	NA
Intel Xeon E3-1220L @ 2.20GHz	3606	1267	NA	NA
Intel Core i3-6100U @ 2.30GHz	3603	1268	7.00	\$515.00*
Intel Core i5-5250U @ 1.60GHz	3601	1269	8.15	\$441.89*
Intel Xeon E5-2603 @ 1.80GHz	3597	1270	75.17	\$47.85*
Intel Core i5-2520M @ 2.50GHz	3595	1271	69.01	\$52.10
AMD Phenom II X4 840T	3594	1272	51.36	\$69.99*
Intel Xeon E5-2403 v2 @ 1.80GHz	3590	1273	161.73	\$22.20*
Intel Pentium G3460 @ 3.50GHz	3587	1274	12.45	\$288.20*
AMD Phenom II X4 940	3586	1275	17.83	\$201.21*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4260U @ 1.40GHz	3584	1276	NA	NA
AMD Athlon II X4 651 Quad-Core	3565	1277	20.03	\$178.04*
Intel Core i5-3427U @ 1.80GHz	3551	1278	8.46	\$420.05*
AMD Phenom II X4 850	3549	1279	54.62	\$64.99*
Intel Xeon X5365 @ 3.00GHz	3549	1280	45.51	\$77.99*
Intel Core i5-5350U @ 1.80GHz	3542	1281	NA	NA
AMD Opteron 2384	3538	1283	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1284	NA	NA
Intel Core i7-3517U @ 1.90GHz	3538	1282	NA	NA
Intel Core i3-7020U @ 2.30GHz	3535	1285	12.58	\$281.00*
AMD A8-3870K APU	3531	1286	23.60	\$149.67*
Intel Pentium G4400 @ 3.30GHz	3529	1287	20.13	\$175.30
Intel Xeon E5-2403 @ 1.80GHz	3523	1288	73.80	\$47.75*
AMD PRO A10-8700B	3521	1289	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3520	1290	NA	NA
Intel Core2 Quad Q9505 @ 2.83GHz	3515	1291	18.50	\$190.00*
Intel Core m3-7Y30 @ 1.00GHz	3512	1293	NA	NA
Intel Core2 Quad Q9500 @ 2.83GHz	3512	1292	100.39	\$34.99*
AMD PRO A8-8600B	3510	1294	NA	NA
AMD Phenom II X4 840	3508	1295	39.01	\$89.95*
Intel Celeron G4930 @ 3.20GHz	3499	1296	61.44	\$56.95

Intel Core i5-5200U @ 2.20GHz	3498	1297	12.45	\$281.00*
Intel Core i5-680 @ 3.60GHz	3497	1298	38.87	\$89.99*
Intel Xeon L5420 @ 2.50GHz	3492	1299	126.99	\$27.50*
AMD Phenom II 42 TWKR Black Edition	3489	1300	NA	NA
AMD Athlon II X4 650	3483	1302	20.91	\$166.60*
Intel Core i5-2510E @ 2.50GHz	3483	1301	NA	NA
Intel Xeon E5420 @ 2.50GHz	3475	1303	55.22	\$62.95*
AMD Phenom II X4 B45	3473	1304	NA	NA
Intel Pentium G4500T @ 3.00GHz	3471	1305	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3462	1306	NA	NA
AMD Athlon II X4 645	3460	1307	69.22	\$49.99*
AMD A8-3850 APU	3458	1308	32.73	\$105.68*
Intel Core2 Extreme Q9300 @ 2.53GHz	3458	1309	NA	NA
Quad-Core AMD Opteron 1389	3446	1310	NA	NA
Quad-Core AMD Opteron 1385	3442	1311	63.75	\$54.00*
AMD A10-8700P	3435	1312	NA	NA
AMD Phenom II X4 830	3434	1313	42.95	\$79.95*
Intel Core i3-4100M @ 2.50GHz	3433	1314	15.71	\$218.57*
Intel Core2 Extreme Q9200 @ 2.40GHz	3415	1315	NA	NA
AMD Phenom II X4 925	3412	1317	77.56	\$43.99*
Intel Core i7-840QM @ 1.87GHz	3412	1316	11.77	\$289.97*
Intel Core i5-4210U @ 1.70GHz	3405	1318	NA	NA
Intel Core i5-2450M @ 2.50GHz	3402	1319	40.49	\$84.02
Intel Pentium G3430 @ 3.30GHz	3396	1320	37.75	\$89.99*
Intel Pentium G3420 @ 3.20GHz	3393	1321	44.07	\$77.00
AMD Phenom II X4 820	3392	1322	45.27	\$74.95*
Intel Core m3-7Y32 @ 1.10GHz	3391	1324	NA	NA
Intel Xeon X3230 @ 2.66GHz	3391	1323	47.44	\$71.50*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 920	3389	1325	42.37	\$79.99*
Intel Core i3-3130M @ 2.60GHz	3388	1326	NA	NA
AMD Phenom II X4 B35	3387	1327	NA	NA
Intel Pentium G2140 @ 3.30GHz	3377	1328	55.37	\$60.99
Intel Core i5-4250U @ 1.30GHz	3375	1329	9.40	\$359.00*
Intel Xeon E5607 @ 2.27GHz	3371	1330	48.71	\$69.21*
Intel Xeon L5410 @ 2.33GHz	3358	1331	33.56	\$100.08*

Intel Pentium G3260 @ 3.30GHz	3356	1332	23.98	\$139.99*
Intel Core i5-655K @ 3.20GHz	3353	1333	55.90	\$59.99*
AMD Phenom II X4 B40	3352	1334	NA	NA
AMD Phenom II X4 B93	3345	1335	NA	NA
Intel Atom C2750 @ 2.41GHz	3344	1336	NA	NA
AMD Athlon II X4 641 Quad-Core	3343	1337	36.54	\$91.50*
Intel Core m5-6Y54 @ 1.10GHz	3343	1338	NA	NA
AMD A10-5750M APU	3342	1339	NA	NA
Intel Xeon X3330 @ 2.66GHz	3340	1340	15.91	\$210.00*
Intel Xeon X3430 @ 2.40GHz	3340	1341	104.42	\$31.99*
AMD A8-7200P	3338	1342	NA	NA
Intel Core2 Quad Q9400 @ 2.66GHz	3336	1343	69.46	\$48.03*
Intel Pentium G3440 @ 3.30GHz	3324	1344	20.79	\$159.94*
Intel Pentium Silver J5040 @ 2.00GHz	3319	1345	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1346	NA	NA
Intel Core i5-670 @ 3.47GHz	3310	1347	11.87	\$279.00*
AMD Athlon II X4 640	3309	1348	41.40	\$79.95
Intel Core i5-2415M @ 2.30GHz	3307	1349	NA	NA
Intel Xeon X3320 @ 2.50GHz	3306	1350	14.41	\$229.50*
AMD Phenom II X4 B25	3297	1351	NA	NA
Intel Celeron G4900 @ 3.10GHz	3290	1352	41.13	\$79.99*
Intel Core i5-2430M @ 2.40GHz	3288	1353	36.94	\$89.02*
Intel Core i5-4200U @ 1.60GHz	3283	1354	NA	NA
Intel Core2 Quad Q6700 @ 2.66GHz	3277	1355	72.84	\$44.99*
AMD A8-6500T APU	3276	1356	NA	NA
Intel Core i3-7102E @ 2.10GHz	3266	1357	14.52	\$225.00*
Intel Xeon E5410 @ 2.33GHz	3261	1358	15.61	\$208.95*
AMD Opteron 3260 HE	3259	1359	NA	NA
Intel Core i3-4000M @ 2.40GHz	3256	1360	16.29	\$199.95*
Intel Celeron G4920 @ 3.20GHz	3255	1361	51.77	\$62.89
AMD Phenom II X4 910e	3254	1362	20.73	\$156.99*
AMD A8-8600P	3248	1363	NA	NA
AMD Phenom II X4 910	3246	1364	32.46	\$100.00*
Intel Core i5-660 @ 3.33GHz	3243	1365	91.36	\$35.50*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1366	8.40	\$385.89*
Intel Pentium G3250 @ 3.20GHz	3240	1367	13.92	\$232.84*
Intel Core m5-6Y57 @ 1.10GHz	3234	1368	NA	NA
Intel Core i3-3120M @ 2.50GHz	3229	1370	111.75	\$28.90
Intel Core i7-2655LE @ 2.20GHz	3229	1369	NA	NA
AMD Athlon II X4 635	3228	1372	46.15	\$69.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3337U @ 1.80GHz	3228	1371	14.35	\$225.00*
Intel Core i5-2435M @ 2.40GHz	3221	1373	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1374	NA	NA
Intel Core i7-820QM @ 1.73GHz	3215	1375	13.40	\$239.95*
Intel Pentium 4417U @ 2.30GHz	3208	1376	19.93	\$161.00*
AMD FX-7500 APU	3206	1377	NA	NA
Intel Core i3-4330TE @ 2.40GHz	3201	1378	NA	NA
Intel Core i3-5020U @ 2.20GHz	3201	1379	6.97	\$459.00*
AMD Athlon II X4 638 Quad-Core	3198	1380	120.73	\$26.49*
Intel Core i3-6102E @ 1.90GHz	3196	1381	14.20	\$225.00*
Intel Core i5-661 @ 3.33GHz	3194	1382	13.89	\$229.99*
Intel Pentium G2130 @ 3.20GHz	3189	1383	63.80	\$49.99*
Intel Core i7-740QM @ 1.73GHz	3187	1384	19.93	\$159.95*
AMD Opteron 2378	3179	1385	17.76	\$179.00*
Intel Xeon X3323 @ 2.50GHz	3177	1386	164.14	\$19.36*
AMD Athlon X4 640	3172	1388	NA	NA
Intel Core i5-2410M @ 2.30GHz	3172	1387	40.64	\$78.07*
Intel Pentium G4400T @ 2.90GHz	3168	1389	NA	NA
AMD Opteron 4162 EE	3166	1390	NA	NA
Intel Core i3-2120T @ 2.60GHz	3166	1391	19.79	\$160.00
AMD A6-3670 APU	3164	1392	5.19	\$610.00*
Intel Atom C2758 @ 2.40GHz	3162	1393	14.72	\$214.86*
Intel Core2 Quad Q8400 @ 2.66GHz	3161	1394	13.17	\$239.95*
AMD Phenom 9850B Quad-Core	3160	1395	NA	NA
Intel Pentium 4415U @ 2.30GHz	3154	1396	NA	NA
Intel Pentium G3240 @ 3.10GHz	3154	1397	39.43	\$79.99
AMD A10 PRO-7350B APU	3152	1398	NA	NA
Intel Core2 Quad Q9300 @ 2.50GHz	3151	1399	15.80	\$199.50*
Intel Core i7-3517UE @ 1.70GHz	3150	1401	NA	NA
Intel Pentium 5405U @ 2.30GHz	3150	1402	19.57	\$161.00*
Intel Xeon X5355 @ 2.66GHz	3150	1400	10.17	\$309.95*
AMD Athlon II X4 631 Quad-Core	3142	1403	39.28	\$80.00*
AMD A6-3650 APU	3141	1404	98.19	\$31.99*
AMD Athlon II X4 630	3131	1405	49.74	\$62.95
Intel Celeron G3920 @ 2.90GHz	3129	1406	27.45	\$113.99*
Intel Xeon E5507 @ 2.27GHz	3125	1407	6.84	\$456.91*
Intel Pentium G3220 @ 3.00GHz	3123	1408	32.56	\$95.93

AMD Phenom II X4 810	3119	1409	26.90	\$115.99*
Intel Xeon E7- 2830 @ 2.13GHz	3118	1410	1.75	\$1,779.00*
AMD A10-4600M APU	3117	1411	28.36	\$109.95*
AMD R-464L APU	3117	1412	NA	NA
Intel Celeron G3900 @ 2.80GHz	3112	1413	69.18	\$44.99
AMD A8-3820 APU	3102	1414	24.82	\$124.99*
Intel Pentium G3440T @ 2.80GHz	3101	1415	NA	NA
Intel Celeron G4900T @ 2.90GHz	3098	1416	73.78	\$42.00*
AMD A6-7480	3096	1417	70.38	\$43.99*
Intel Celeron G3950 @ 3.00GHz	3095	1418	28.39	\$109.04*
Intel Core i5-3317U @ 1.70GHz	3091	1420	13.74	\$225.00*
Intel Core i5-650 @ 3.20GHz	3091	1419	22.24	\$139.00*
Intel Xeon X3220 @ 2.40GHz	3089	1421	51.36	\$60.15*
AMD PRO A6-8570	3088	1422	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3110M @ 2.40GHz	3085	1423	38.59	\$79.95*
AMD A10-5757M APU	3084	1424	NA	NA
AMD Phenom II X4 905e	3080	1426	57.06	\$53.99*
Intel Pentium G2120 @ 3.10GHz	3080	1425	19.31	\$159.55*
Intel Core i3-6006U @ 2.00GHz	3076	1427	NA	NA
Intel Core i3-2330E @ 2.20GHz	3073	1428	NA	NA
AMD Opteron 2427	3069	1429	47.22	\$65.00
AMD Phenom II X3 B77	3067	1430	137.64	\$22.29*
AMD Opteron 1381	3065	1431	NA	NA
Intel Core i3-5010U @ 2.10GHz	3062	1432	9.07	\$337.76*
AMD Opteron X2170 APU	3059	1433	NA	NA
Intel Xeon E5606 @ 2.13GHz	3058	1434	42.96	\$71.20
Intel Core i3-4120U @ 2.00GHz	3050	1435	NA	NA
Intel Celeron G3930 @ 2.90GHz	3042	1436	33.97	\$89.59*
AMD A6-9500	3038	1437	51.51	\$58.99
AMD A6-8550	3032	1438	NA	NA
Intel Core m3-6Y30 @ 0.90GHz	3025	1439	10.77	\$281.00*
Intel Pentium 1403 v2 @ 2.60GHz	3018	1440	NA	NA
Intel Xeon L5408 @ 2.13GHz	3017	1441	NA	NA
AMD Phenom 9950 Quad-Core	3009	1443	22.30	\$134.99*
Intel Core i3-2100T @ 2.50GHz	3009	1442	50.17	\$59.99*
Intel Pentium G3420T @ 2.70GHz	3008	1444	18.80	\$159.99*
Intel Core i7-720QM @ 1.60GHz	3007	1445	8.22	\$365.95*

AMD Phenom 2 X4 12000	3005	1446	NA	NA
AMD A8-3800 APU	3004	1447	25.05	\$119.95*
AMD A8-5550M APU	3002	1448	NA	NA
AMD Athlon II X4 655	2998	1450	NA	NA
AMD Phenom II X4 805	2998	1449	17.23	\$173.99*
AMD Phenom 7950 Quad-Core	2991	1451	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2989	1452	10.64	\$281.00*
AMD Phenom II X3 740	2985	1453	33.55	\$88.99*
Intel Core i3-5015U @ 2.10GHz	2983	1454	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1455	NA	NA
Intel Core2 Quad Q8300 @ 2.50GHz	2976	1456	59.55	\$49.99*
AMD PRO A6-9500	2975	1457	40.21	\$74.00*
Intel Xeon E5506 @ 2.13GHz	2975	1458	47.22	\$63.01*
Intel Core i5-4302Y @ 1.60GHz	2971	1459	NA	NA
AMD PRO A6-8550B	2970	1460	NA	NA
Intel Pentium G3250T @ 2.80GHz	2968	1461	32.99	\$89.99*
Intel Pentium G3450T @ 2.90GHz	2967	1462	NA	NA
AMD A8-5557M APU	2956	1463	NA	NA
AMD Opteron 2374 HE	2951	1464	45.40	\$65.00
AMD Phenom FX-5200 Quad-Core	2948	1465	NA	NA
Intel Celeron G3930TE @ 2.70GHz	2946	1466	70.17	\$42.00*
Intel Core2 Quad Q6600 @ 2.40GHz	2946	1467	73.70	\$39.98*
AMD Opteron 3250 HE	2942	1468	29.73	\$99.00*
AMD Opteron 4122	2942	1469	23.55	\$124.99*
AMD Opteron 6134	2938	1470	66.81	\$43.99*
Intel Core i3-560 @ 3.33GHz	2935	1471	16.31	\$179.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3439Y @ 1.50GHz	2930	1474	NA	NA
Intel Pentium 4405U @ 2.10GHz	2930	1472	NA	NA
Intel Pentium G3260T @ 2.90GHz	2930	1473	32.56	\$89.99*
AMD Athlon II X4 620	2927	1475	41.83	\$69.99*
Intel Celeron G3900T @ 2.60GHz	2925	1477	26.01	\$112.46*
Six-Core AMD Opteron 2419 EE	2925	1476	NA	NA
AMD Athlon 5370 APU	2915	1478	45.77	\$63.70*
Intel Core i3-4158U @ 2.00GHz	2914	1479	NA	NA
Intel Celeron J4125 @ 2.00GHz	2912	1480	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1481	36.38	\$79.99*
AMD A10-4657M APU	2906	1483	NA	NA

AMD Athlon II X4 620e	2906	1484	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2906	1482	13.49	\$215.41
Intel Core i3-5005U @ 2.00GHz	2905	1485	NA	NA
Intel Core i7-2637M @ 1.70GHz	2904	1486	NA	NA
Intel Core M-5Y70 @ 1.10GHz	2903	1487	NA	NA
AMD A10-7300 APU	2902	1490	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1489	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1488	NA	NA
AMD Athlon II X4 615e	2899	1491	49.15	\$59.00*
AMD Phenom X4 Quad-Core GP-9730	2897	1492	NA	NA
AMD Athlon X4 635	2891	1493	23.71	\$121.99*
AMD A6-9500E	2889	1494	26.94	\$107.23*
AMD Phenom 9850 Quad-Core	2886	1495	24.05	\$119.99*
Intel Xeon E5345 @ 2.33GHz	2886	1496	72.17	\$39.99*
Intel Pentium G4400TE @ 2.40GHz	2885	1497	45.09	\$64.00*
AMD Phenom II X4 900e	2882	1498	NA	NA
AMD Phenom II X3 B75	2872	1499	71.82	\$39.99*
AMD Athlon II X3 460	2864	1500	73.46	\$38.99*
Intel Pentium G2030 @ 3.00GHz	2863	1501	59.65	\$48.00
AMD Athlon X4 620	2861	1502	44.06	\$64.95
Intel Celeron G1840 @ 2.80GHz	2860	1503	31.79	\$89.98
Intel Core i3-2310E @ 2.10GHz	2839	1504	12.62	\$225.00*
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1506	NA	NA
Intel Core i7-2677M @ 1.80GHz	2837	1505	NA	NA
Intel Xeon E5405 @ 2.00GHz	2835	1507	70.97	\$39.95*
Intel Pentium G3240T @ 2.70GHz	2829	1508	NA	NA
Intel Core i3-550 @ 3.20GHz	2828	1509	16.10	\$175.74
Intel Core M-5Y10c @ 0.80GHz	2825	1510	10.06	\$281.00*
AMD PRO A6-8570E	2824	1511	NA	NA
Intel Core i7-640M @ 2.80GHz	2824	1512	14.13	\$199.95
AMD Opteron 2350	2820	1513	35.28	\$79.95*
AMD Opteron 2356	2814	1514	54.12	\$52.00*
AMD Phenom 9750 Quad-Core	2810	1515	46.88	\$59.95
Intel Core i7-2617M @ 1.50GHz	2809	1516	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1517	10.55	\$266.00*
Intel Core2 Quad Q8200 @ 2.33GHz	2805	1518	122.02	\$22.99*
AMD A8-7100 APU	2798	1519	NA	NA
AMD A6-3620 APU	2792	1521	46.55	\$59.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B05e	2792	1520	NA	NA
AMD Athlon II X4 610e	2789	1522	39.85	\$69.99*
AMD Opteron 2373 EE	2789	1523	NA	NA
Intel Core i3-4025U @ 1.90GHz	2789	1524	NA	NA
Intel Pentium G870 @ 3.10GHz	2787	1525	28.73	\$97.00*
AMD A6-7400K APU	2784	1526	20.63	\$135.00
Intel Core M-5Y31 @ 0.90GHz	2782	1527	NA	NA
Intel Core i3-2370M @ 2.40GHz	2777	1528	59.10	\$46.99
AMD PRO A4-8350B	2776	1529	NA	NA
AMD A10-5745M APU	2769	1530	NA	NA
Intel E3000 @ 3.40GHz	2767	1531	NA	NA
Intel Celeron G3930T @ 2.70GHz	2766	1532	69.25	\$39.95
AMD Opteron 1356	2765	1533	30.73	\$89.99*
Intel Pentium G2100T @ 2.60GHz	2763	1534	NA	NA
AMD Athlon II X3 455	2762	1535	70.86	\$38.99*
AMD PRO A6-7350B	2759	1536	NA	NA
Intel Xeon L5335 @ 2.00GHz	2756	1537	146.68	\$18.79*
AMD A8-7410 APU	2753	1539	NA	NA
Intel Pentium G2020 @ 2.90GHz	2753	1538	45.94	\$59.95*
Intel Celeron G1820 @ 2.70GHz	2749	1540	63.96	\$42.99
Intel Pentium 1403 @ 2.60GHz	2742	1541	NA	NA
AMD A6-7470K	2739	1543	22.72	\$120.56
Intel Xeon X3210 @ 2.13GHz	2739	1542	14.75	\$185.71*
AMD Phenom II X4 B15e	2736	1544	NA	NA
AMD Phenom II X3 B73	2735	1545	36.47	\$75.00*
Intel Pentium G860 @ 3.00GHz	2735	1546	91.20	\$29.99*
Intel Core i3-4030U @ 1.90GHz	2719	1547	NA	NA
AMD PRO A6-9500E	2717	1548	36.73	\$74.00*
AMD Athlon II X4 605e	2715	1550	26.68	\$101.80*
AMD Phenom X4 Quad-Core GP-9830	2715	1549	NA	NA
Intel Core i7-620M @ 2.67GHz	2713	1551	24.66	\$110.01*
AMD Phenom 9750B Quad-Core	2709	1552	NA	NA
AMD A6-3600 APU	2707	1553	117.76	\$22.99*
Intel Core i5-2557M @ 1.70GHz	2699	1554	NA	NA
AMD Phenom II X940 Quad-Core	2695	1555	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1556	NA	NA

Intel Core i3-540 @ 3.07GHz	2682	1557	37.05	\$72.41
Intel Celeron G3900E @ 2.40GHz	2679	1558	25.05	\$107.00*
AMD A6-7310 APU	2677	1559	NA	NA
AMD Opteron 3320 EE	2675	1560	NA	NA
Intel Xeon E5504 @ 2.00GHz	2668	1561	38.15	\$69.95*
AMD A8-4500M APU	2666	1562	NA	NA
AMD Phenom II X3 720	2666	1563	38.10	\$69.99*
AMD A8 PRO-7150B APU	2654	1565	NA	NA
Intel Pentium G850 @ 2.90GHz	2654	1564	88.84	\$29.88*
Intel Core M-5Y10 @ 0.80GHz	2653	1566	NA	NA
AMD Phenom II N830 3+1	2652	1567	NA	NA
AMD Phenom II X3 715	2649	1568	31.17	\$84.99*
Intel Celeron J4105 @ 1.50GHz	2643	1569	24.71	\$107.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2380	2640	1570	58.69	\$45.00
AMD Phenom II X920 Quad-Core	2635	1571	NA	NA
AMD Phenom 9650 Quad-Core	2634	1572	58.60	\$44.95
AMD Opteron 1354	2630	1573	19.49	\$135.00*
Intel Core i3-2350M @ 2.30GHz	2630	1574	82.52	\$31.88
Intel Core i3-2348M @ 2.30GHz	2627	1575	NA	NA
AMD A6 PRO-7400B	2621	1576	NA	NA
AMD Athlon II X3 450	2618	1577	74.92	\$34.95
AMD A6-6420B APU	2612	1578	NA	NA
AMD Athlon 5350 APU	2611	1579	23.74	\$109.99*
AMD A8-3550MX APU	2610	1580	NA	NA
AMD A10-4655M APU	2606	1581	NA	NA
AMD Phenom 9450e Quad-Core	2599	1582	24.76	\$105.00*
AMD Athlon II X4 6400e	2594	1583	NA	NA
Intel Pentium G2010 @ 2.80GHz	2594	1584	51.89	\$50.00*
Intel Core i5-580M @ 2.67GHz	2593	1585	23.59	\$109.95*
Intel Celeron G3900TE @ 2.30GHz	2591	1586	61.71	\$42.00*
AMD A8-5545M APU	2588	1587	NA	NA
Intel Pentium G645 @ 2.90GHz	2587	1588	64.68	\$40.00
Intel Celeron 4305UE @ 2.00GHz	2584	1590	NA	NA
Intel Core i7-2630UM @ 1.60GHz	2584	1589	NA	NA
AMD A8-6410 APU	2579	1591	NA	NA
Intel Celeron G1620 @ 2.70GHz	2578	1592	39.67	\$64.99
AMD Phenom 9600B Quad-Core	2575	1593	17.50	\$147.19*

AMD Athlon X3 435	2574	1595	26.96	\$95.49*
Intel Core i5-560M @ 2.67GHz	2574	1594	42.91	\$60.00
AMD Athlon II X3 445	2573	1596	28.28	\$91.00*
Intel Celeron G1830 @ 2.80GHz	2568	1597	27.05	\$94.95*
AMD Athlon II X3 440	2567	1598	95.12	\$26.99*
Intel Core i3-530 @ 2.93GHz	2563	1599	69.28	\$37.00
Intel Pentium G3220T @ 2.60GHz	2562	1600	40.69	\$62.98*
Intel Pentium G840 @ 2.80GHz	2560	1601	73.19	\$34.99*
Intel Xeon X5270 @ 3.50GHz	2553	1602	NA	NA
Intel Celeron G1840T @ 2.50GHz	2550	1603	NA	NA
AMD A9-9430	2547	1604	NA	NA
AMD Phenom 9550 Quad-Core	2545	1605	87.80	\$28.99*
Intel Core i3-2328M @ 2.20GHz	2544	1607	27.37	\$92.97*
Intel Core i7-610E @ 2.53GHz	2544	1606	NA	NA
Intel Atom C3558 @ 2.20GHz	2538	1608	29.52	\$86.00*
AMD A4-6250J APU	2537	1609	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2533	1610	NA	NA
AMD A9-9410	2531	1611	NA	NA
Intel Core i3-2330M @ 2.20GHz	2530	1612	50.66	\$49.95
AMD A4-7210 APU	2526	1613	NA	NA
Intel Pentium G640 @ 2.80GHz	2520	1614	63.01	\$40.00*
AMD Phenom FX-5000 Quad-Core	2517	1615	NA	NA
AMD PRO A6-8500B	2516	1617	NA	NA
Intel Core2 Quad Q9000 @ 2.00GHz	2516	1616	6.47	\$389.00*
AMD Phenom II N970 Quad-Core	2514	1618	16.76	\$149.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5335 @ 2.00GHz	2513	1619	141.45	\$17.77*
Intel Pentium 3825U @ 1.90GHz	2508	1620	NA	NA
Intel Celeron G1630 @ 2.80GHz	2507	1621	35.83	\$69.99
Intel Core i3-4030Y @ 1.60GHz	2507	1622	NA	NA
AMD Athlon X4 605e	2505	1623	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2502	1624	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1625	NA	NA
AMD GX-424CC SOC	2497	1626	NA	NA
Intel Pentium G2030T @ 2.60GHz	2496	1627	39.01	\$64.00*
Intel Celeron G1820T @ 2.40GHz	2495	1628	59.42	\$42.00*
Intel Celeron G1610 @ 2.60GHz	2489	1629	52.96	\$47.00

Intel Core i5 E 520 @ 2.40GHz	2486	1631	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2486	1630	NA	NA
AMD Phenom II N950 Quad-Core	2482	1632	22.04	\$112.60*
Intel Core i7-2610UE @ 1.50GHz	2481	1633	NA	NA
Intel Core i3-3227U @ 1.90GHz	2471	1634	NA	NA
AMD A6-6310 APU	2470	1636	NA	NA
AMD Athlon II X3 435	2470	1635	82.37	\$29.99*
AMD Athlon II X4 600e	2465	1637	18.93	\$130.23*
Intel Atom C3538 @ 2.10GHz	2455	1638	32.73	\$75.00*
Intel Core i5-540M @ 2.53GHz	2453	1639	36.08	\$68.00
AMD Opteron 2354	2450	1640	7.38	\$332.03*
AMD A9-9425	2449	1641	NA	NA
AMD Phenom II X3 710	2449	1642	28.98	\$84.53*
Intel Xeon X5260 @ 3.33GHz	2448	1643	34.24	\$71.52
Intel Pentium Silver N5000 @ 1.10GHz	2447	1644	15.20	\$161.00*
Intel Core i3-4005U @ 1.70GHz	2446	1645	NA	NA
Intel Core i3-4010U @ 1.70GHz	2445	1646	11.70	\$209.00
AMD A6-5200 APU	2439	1647	NA	NA
Intel Core i3-2310M @ 2.10GHz	2435	1648	48.76	\$49.95
Intel Xeon E3113 @ 3.00GHz	2427	1649	247.99	\$9.79*
Intel Xeon X5272 @ 3.40GHz	2425	1650	17.33	\$140.00*
Intel Xeon E5240 @ 3.00GHz	2424	1651	27.31	\$88.78*
Intel Celeron G555 @ 2.70GHz	2422	1652	22.23	\$109.00*
Intel Pentium G2020T @ 2.50GHz	2418	1653	50.81	\$47.60*
Intel Xeon E7320 @ 2.13GHz	2413	1654	NA	NA
AMD GX-420CA SOC	2412	1655	NA	NA
AMD A8-3510MX APU	2410	1656	NA	NA
AMD Embedded R-Series RX-216GD	2409	1657	NA	NA
AMD A4 PRO-3340B	2402	1658	NA	NA
AMD Athlon X3 455	2401	1659	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2399	1661	NA	NA
Intel Core i5-480M @ 2.67GHz	2399	1660	29.78	\$80.60*
Intel Pentium 2030M @ 2.50GHz	2399	1662	17.90	\$134.00*
Intel Core2 Duo E8600 @ 3.33GHz	2397	1663	56.48	\$42.45*
Intel Pentium G3320TE @ 2.30GHz	2389	1664	NA	NA
AMD PRO A6-8530B	2388	1665	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1666	NA	NA
Intel Core i3-2332M @ 2.20GHz	2382	1667	NA	NA

CPU Name

Passmark CPU

Rank

CPU Value

Price

	Mark (higher is better)	(lower is better)	(higher is better)	(USD)
AMD Phenom II X4 8700e	2377	1668	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2375	1669	NA	NA
Intel Core i3-2312M @ 2.10GHz	2374	1670	NA	NA
AMD A6-6420K APU	2373	1671	15.82	\$149.99*
Intel Pentium G630 @ 2.70GHz	2369	1672	23.69	\$100.00
Intel Celeron 2000E @ 2.20GHz	2365	1674	NA	NA
Intel Core i5-520M @ 2.40GHz	2365	1673	39.43	\$59.99*
Intel Xeon E5603 @ 1.60GHz	2364	1675	18.32	\$129.04*
Intel Celeron G1620T @ 2.40GHz	2362	1676	56.26	\$42.00*
AMD A8-3530MX APU	2355	1677	NA	NA
AMD A4 PRO-7300B APU	2353	1679	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1678	NA	NA
AMD A9-9420	2348	1680	NA	NA
Intel Celeron 3965U @ 2.20GHz	2347	1681	21.94	\$107.00*
AMD A4-6320 APU	2329	1682	33.29	\$69.99*
AMD Phenom 9350e Quad-Core	2320	1683	0.69	\$3,382.07*
Intel Core i5-2467M @ 1.60GHz	2319	1684	NA	NA
Intel Core i5-460M @ 2.53GHz	2319	1685	16.57	\$139.95
AMD A6-6400K APU	2317	1686	32.65	\$70.97*
AMD Opteron 1352	2316	1687	17.04	\$135.99*
AMD A4-7300 APU	2315	1688	20.67	\$112.00
AMD Athlon X3 445	2314	1689	NA	NA
Intel Celeron 2970M @ 2.20GHz	2312	1690	NA	NA
AMD A9-9400	2310	1691	NA	NA
Intel Core i3-3217U @ 1.80GHz	2307	1692	10.03	\$229.99*
Intel Core i5-4220Y @ 1.60GHz	2307	1693	NA	NA
AMD Athlon II X3 425	2304	1694	85.38	\$26.99*
AMD Athlon X2 280	2303	1696	68.77	\$33.49*
AMD Phenom 9600 Quad-Core	2303	1695	46.11	\$49.95
AMD Opteron X3216 APU	2302	1697	NA	NA
AMD E2-7110 APU	2291	1698	NA	NA
Intel Celeron G550 @ 2.60GHz	2291	1699	28.65	\$80.00
Intel Xeon E5320 @ 1.86GHz	2288	1700	59.05	\$38.75*
Intel Pentium G620 @ 2.60GHz	2286	1701	91.48	\$24.99*
AMD Athlon II X3 420e	2285	1702	19.68	\$116.15*
AMD Opteron 2376	2283	1703	13.69	\$166.81*
AMD A6-6400B APU	2281	1704	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2277	1705	56.96	\$39.99*

Intel Pentium Silver N5030 @ 1.10GHz	2276	1706	NA	NA
AMD Phenom II N930 Quad-Core	2275	1707	17.51	\$129.95*
AMD PRO A4-3350B APU	2274	1709	NA	NA
Intel Pentium 2020M @ 2.40GHz	2274	1710	16.97	\$134.00*
Intel Xeon L5310 @ 1.60GHz	2274	1708	20.22	\$112.50*
Intel Xeon L3110 @ 3.00GHz	2273	1711	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1712	72.33	\$31.40*
Intel Pentium 3560M @ 2.40GHz	2269	1713	NA	NA
Intel Pentium 3550M @ 2.30GHz	2266	1714	NA	NA
Intel Pentium J4205 @ 1.50GHz	2264	1715	NA	NA
Intel Celeron G1610T @ 2.30GHz	2258	1716	56.42	\$40.04*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 8354	2255	1717	90.22	\$25.00
Intel Core i5-4202Y @ 1.60GHz	2253	1718	NA	NA
AMD Athlon X2 370K Dual Core	2251	1719	NA	NA
AMD Opteron 2393 SE	2246	1720	NA	NA
Intel Core i7-640LM @ 2.13GHz	2245	1721	NA	NA
Intel Core i5-520 @ 2.40GHz	2244	1722	NA	NA
Intel Celeron N4100 @ 1.10GHz	2243	1723	20.97	\$107.00*
AMD Phenom II X3 700e	2242	1724	NA	NA
Intel Xeon E3120 @ 3.16GHz	2241	1725	NA	NA
AMD Athlon II X3 425e	2239	1726	NA	NA
AMD A6-5400B APU	2237	1727	21.30	\$105.04*
AMD Phenom X4 Quad-Core GP-9600	2235	1728	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1729	NA	NA
Intel Pentium G645T @ 2.50GHz	2230	1730	NA	NA
AMD A4-6300 APU	2228	1731	48.92	\$45.55*
AMD A4 PRO-7350B	2227	1732	NA	NA
AMD Phenom II X2 565	2225	1733	10.60	\$209.95*
Intel Core i5-3339Y @ 1.50GHz	2225	1734	NA	NA
AMD Athlon II X3 415e	2224	1735	29.66	\$75.00*
Intel Celeron N4120 @ 1.10GHz	2222	1736	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2218	1737	13.78	\$161.00*
Intel Xeon E5310 @ 1.60GHz	2214	1738	45.19	\$49.00*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1739	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2210	1740	NA	NA
AMD Phenom II X3 705e	2209	1741	14.50	\$152.34*

AMD Phenom X2 Dual-Core GE-5560	2206	1742	NA	NA
AMD A6-8500P	2202	1744	NA	NA
AMD Phenom 9500 Quad-Core	2202	1743	75.97	\$28.99*
AMD A6-3430MX APU	2200	1745	NA	NA
Intel Celeron G540 @ 2.50GHz	2198	1746	48.85	\$45.00*
Intel Core i5 750S @ 2.40GHz	2197	1747	21.97	\$99.99*
AMD Athlon X3 425	2191	1748	NA	NA
AMD Phenom II X620 Dual-Core	2189	1749	NA	NA
HP Hexa-Core 2.0GHz	2178	1750	4.32	\$504.27*
AMD A4-6210 APU	2173	1751	NA	NA
AMD A8-3520M APU	2169	1752	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1753	15.95	\$136.00*
Intel Core i3-390M @ 2.67GHz	2168	1754	55.69	\$38.95*
AMD A6-5400K APU	2165	1755	34.92	\$62.02
Intel Core i3-4012Y @ 1.50GHz	2163	1756	NA	NA
Intel Core i3-3217UE @ 1.60GHz	2162	1757	NA	NA
AMD A4-6300B APU	2159	1758	21.59	\$100.00*
AMD A6-9220	2156	1759	NA	NA
Intel Xeon E3110 @ 3.00GHz	2154	1760	93.70	\$22.99*
Intel Core2 Duo E8400 @ 3.00GHz	2147	1761	47.20	\$45.50*
Intel Atom C2550 @ 2.40GHz	2141	1762	NA	NA
AMD A4-5300B APU	2139	1763	56.31	\$38.00*
Intel Core2 Duo T9900 @ 3.06GHz	2137	1764	5.36	\$398.95*
Intel Pentium G6951 @ 2.80GHz	2135	1766	22.72	\$94.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5320 @ 1.86GHz	2135	1765	30.52	\$69.99*
AMD Athlon II X2 280	2133	1768	21.33	\$99.99*
Intel Core i5-450M @ 2.40GHz	2133	1767	66.77	\$31.95*
Intel Celeron G1820TE @ 2.20GHz	2132	1769	NA	NA
AMD Phenom II X2 B59	2129	1770	48.35	\$44.04*
Intel Core2 Duo E8335 @ 2.93GHz	2128	1771	NA	NA
Intel Celeron G530 @ 2.40GHz	2125	1772	53.16	\$39.99*
AMD A4-5050 APU	2124	1773	NA	NA
AMD A8-4555M APU	2123	1774	NA	NA
AMD A6-9225	2114	1775	NA	NA
AMD Athlon 5150 APU	2112	1776	13.21	\$159.95*
AMD Phenom 9150e Quad-Core	2112	1777	52.87	\$39.95*
AMD Sempron 240	2110	1778	36.39	\$58.00

Intel Celeron J3455 @ 1.50GHz	2107	1779	6.02	\$349.99
AMD Phenom II X2 511	2104	1780	NA	NA
AMD A6-9230	2102	1781	NA	NA
Intel Pentium A1020 @ 2.41GHz	2096	1782	NA	NA
Intel Core i3-380M @ 2.53GHz	2092	1783	38.39	\$54.49
Intel Core i5-430M @ 2.27GHz	2091	1784	14.95	\$139.95*
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1785	NA	NA
Intel Pentium G630T @ 2.30GHz	2086	1786	26.09	\$79.99*
AMD Athlon II X2 B28	2085	1788	42.52	\$49.05*
AMD Phenom II P960 Quad-Core	2085	1789	74.47	\$28.00*
Intel Atom C2538 @ 2.40GHz	2085	1787	20.05	\$104.00*
AMD Phenom 8850B Triple-Core	2080	1790	NA	NA
AMD Athlon X3 440	2078	1792	23.62	\$87.99*
Intel Core2 Extreme X9100 @ 3.06GHz	2078	1791	2.44	\$851.00*
AMD PRO A6-9500B	2076	1793	NA	NA
AMD Phenom II X2 521	2074	1794	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2070	1795	NA	NA
ZHAOXIN KaiXian ZX-C+ C4700@2.0GHz	2069	1796	NA	NA
AMD Phenom II X2 570	2068	1797	NA	NA
Intel Core2 Duo E8435 @ 3.06GHz	2068	1798	NA	NA
Intel Celeron G540T @ 2.10GHz	2067	1799	NA	NA
Intel Core i5-2537M @ 1.40GHz	2064	1800	NA	NA
AMD Phenom II X2 560	2062	1801	31.74	\$64.99*
AMD A4-5100 APU	2060	1802	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1803	NA	NA
AMD Phenom 8750 Triple-Core	2058	1804	NA	NA
AMD A6-3410MX APU	2050	1805	514.02	\$3.99*
Intel Pentium 4410Y @ 1.50GHz	2050	1806	12.73	\$161.00*
AMD Phenom II X2 555	2043	1807	73.03	\$27.98*
Intel Pentium G6960 @ 2.93GHz	2043	1808	NA	NA
Intel Atom T5700 @ 1.70GHz	2039	1809	NA	NA
AMD Phenom 8750B Triple-Core	2034	1810	NA	NA
Intel Pentium G620T @ 2.20GHz	2033	1811	25.42	\$79.99*
Intel Celeron G550T @ 2.20GHz	2032	1812	NA	NA
AMD A6-3500 APU	2029	1813	50.75	\$39.99*
Intel Pentium N4200 @ 1.10GHz	2029	1814	8.87	\$228.69

CPU Name	Passmark CPU Mark (higher is	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
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	better)			
AMD Phenom 8450e Triple-Core	2026	1815	NA	NA
AMD A4-5300 APU	2023	1816	18.34	\$110.32
AMD Phenom II X2 550	2023	1818	40.47	\$49.99*
Intel Celeron 1020M @ 2.10GHz	2023	1817	NA	NA
AMD Phenom II X640 Dual-Core	2021	1819	NA	NA
Intel Pentium B980 @ 2.40GHz	2019	1820	28.87	\$69.95*
Intel Core2 Duo P9700 @ 2.80GHz	2016	1821	NA	NA
Intel Core i3-370M @ 2.40GHz	2013	1822	50.38	\$39.96
AMD R-272F APU	2007	1823	NA	NA
AMD A6-3420M APU	2004	1824	NA	NA
AMD Phenom II N870 Triple-Core	2002	1825	NA	NA
AMD Athlon II X3 400e	2000	1827	18.62	\$107.43*
AMD Athlon II X3 405e	2000	1828	25.00	\$79.99*
Intel Core2 Duo T9800 @ 2.93GHz	2000	1826	4.72	\$423.89*
AMD Phenom X4 Quad-Core GP-9530	1994	1829	NA	NA
AMD A4-9125	1992	1830	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1987	1831	99.44	\$19.99*
AMD Phenom 8650 Triple-Core	1986	1832	39.74	\$49.99*
AMD A8-3500M APU	1984	1833	28.37	\$69.95
AMD GX-415GA SOC	1982	1834	NA	NA
Intel Pentium G640T @ 2.40GHz	1979	1835	NA	NA
AMD Athlon II X2 270	1975	1836	82.33	\$23.99*
Intel Pentium E6800 @ 3.33GHz	1974	1837	22.19	\$89.00*
Intel Pentium J2900 @ 2.41GHz	1972	1838	NA	NA
Intel Celeron 2950M @ 2.00GHz	1971	1839	NA	NA
AMD A10 Micro-6700T APU	1970	1840	NA	NA
Intel Celeron 3955U @ 2.00GHz	1970	1841	NA	NA
Intel Celeron 4205U @ 1.80GHz	1970	1842	18.41	\$107.00*
Intel Core i7-610 @ 2.53GHz	1969	1843	NA	NA
AMD Phenom 8850 Triple-Core	1968	1844	NA	NA
Intel Core i7-620LM @ 2.00GHz	1963	1845	NA	NA
AMD A6-9220C	1962	1846	NA	NA
AMD A6-5357M APU	1961	1847	NA	NA
Intel Pentium 3805U @ 1.90GHz	1960	1848	NA	NA
Intel Xeon 5160 @ 3.00GHz	1958	1849	39.17	\$49.99*
Intel Core2 Duo E7600 @ 3.06GHz	1957	1850	16.32	\$119.95*
AMD A4-9120	1956	1851	NA	NA
Intel Core2 Duo E8235 @ 2.80GHz	1955	1852	NA	NA
AMD R-460L APU	1954	1853	NA	NA

Intel Pentium B970 @ 2.30GHz	1950	1854	38.26	\$50.99*
Intel Celeron 3765U @ 1.90GHz	1948	1855	NA	NA
AMD Athlon II X2 250e	1939	1856	25.28	\$76.73*
AMD Athlon X2 340 Dual Core	1938	1857	38.78	\$49.99*
Intel Core2 Duo E6850 @ 3.00GHz	1938	1858	38.78	\$49.99*
Intel Core i3-330E @ 2.13GHz	1935	1859	NA	NA
AMD Phenom II N850 Triple-Core	1934	1860	77.38	\$25.00*
Intel Pentium N3540 @ 2.16GHz	1933	1861	7.71	\$250.87*
AMD Phenom X3 8550	1931	1862	11.36	\$169.95*
Intel Pentium E6700 @ 3.20GHz	1929	1863	64.33	\$29.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T9600 @ 2.80GHz	1926	1864	21.42	\$89.95*
AMD A4-5000 APU	1922	1865	NA	NA
AMD E2-6110 APU	1921	1866	NA	NA
AMD Phenom II X2 B55	1920	1867	40.06	\$47.95*
AMD Opteron 2224 SE	1919	1868	NA	NA
AMD Phenom 8600B Triple-Core	1919	1870	36.22	\$52.99*
Intel Pentium J3710 @ 1.60GHz	1919	1869	NA	NA
AMD Phenom II X2 545	1918	1871	43.62	\$43.98*
AMD A4-4020 APU	1909	1872	23.00	\$83.00
AMD A6-5350M APU	1907	1873	44.25	\$43.12
Intel Celeron 3865U @ 1.80GHz	1904	1875	NA	NA
Intel Pentium N3530 @ 2.16GHz	1904	1874	NA	NA
AMD Athlon II X2 B26	1903	1876	42.36	\$44.95*
Intel Xeon @ 2.20GHz	1902	1877	NA	NA
Intel Core i3-4010Y @ 1.30GHz	1900	1878	NA	NA
Intel Atom x7-Z8750 @ 1.60GHz	1899	1879	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1880	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1881	4.62	\$409.95*
AMD Athlon II X2 265	1892	1882	22.84	\$82.88*
Intel Core i3-350M @ 2.27GHz	1892	1883	54.61	\$34.65
Intel Atom x7-Z8700 @ 1.60GHz	1891	1884	25.69	\$73.63*
AMD Phenom II N830 Triple-Core	1890	1885	NA	NA
Intel Pentium E5800 @ 3.20GHz	1888	1886	83.92	\$22.50*
AMD Phenom 8450 Triple-Core	1887	1887	63.03	\$29.95*
AMD A6-3400M APU	1886	1888	62.96	\$29.97*
Intel Atom E3950 @ 1.60GHz	1886	1889	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1882	1890	37.66	\$49.99*

AMD Athlon II X2 260	1878	1891	93.99	\$19.99*
AMD Phenom II P920 Quad-Core	1874	1892	24.99	\$75.00*
Intel Core2 Duo E7500 @ 2.93GHz	1873	1894	124.96	\$14.99*
Intel Core2 Extreme X6800 @ 2.93GHz	1873	1893	7.11	\$263.64*
Intel Atom E3940 @ 1.60GHz	1867	1895	NA	NA
Intel Core2 Duo P9600 @ 2.66GHz	1867	1896	NA	NA
AMD A4-5150M APU	1864	1897	NA	NA
Intel Pentium N3710 @ 1.60GHz	1864	1898	NA	NA
Intel Celeron 3867U @ 1.80GHz	1862	1899	17.41	\$107.00*
Intel Pentium E6600 @ 3.06GHz	1860	1900	18.60	\$100.00*
Intel Core2 Duo E8335 @ 2.66GHz	1855	1901	NA	NA
Intel Pentium G6950 @ 2.80GHz	1855	1902	46.41	\$39.99*
Intel Celeron J1900 @ 1.99GHz	1853	1903	NA	NA
Intel Celeron N3450 @ 1.10GHz	1851	1905	10.00	\$185.08*
Intel Pentium B960 @ 2.20GHz	1851	1904	37.80	\$48.99*
AMD Phenom II N660 Dual-Core	1844	1906	18.64	\$99.00*
AMD Opteron 2222	1843	1907	1.11	\$1,664.98*
AMD Athlon II X2 255	1842	1908	28.25	\$65.22*
Intel Xeon W3505 @ 2.53GHz	1842	1909	74.10	\$24.86*
Intel Xeon 3075 @ 2.66GHz	1840	1910	5.26	\$349.95*
Intel Atom x5-Z8550 @ 1.44GHz	1836	1911	NA	NA
AMD A6 Micro-6500T APU	1834	1912	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9100e Quad-Core	1833	1913	45.89	\$39.95*
AMD Phenom II P940 Quad-Core	1831	1915	NA	NA
Intel Pentium N3700 @ 1.60GHz	1831	1914	4.12	\$444.78*
Intel Core i3-2377M @ 1.50GHz	1827	1916	NA	NA
AMD A4-4000 APU	1826	1917	14.24	\$128.27*
AMD A8-7050	1824	1918	NA	NA
AMD Phenom II X2 B57	1823	1919	NA	NA
Intel Xeon L5238 @ 2.66GHz	1823	1920	NA	NA
Intel Pentium 2127U @ 1.90GHz	1814	1921	13.54	\$134.00*
Intel Celeron 1005M @ 1.90GHz	1808	1922	NA	NA
AMD Athlon X2 235e	1806	1923	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1802	1925	6.03	\$298.95*
Intel Pentium N3520 @ 2.16GHz	1802	1924	NA	NA
Intel Atom Z3795 @ 1.60GHz	1798	1926	NA	NA
Intel Core2 Extreme X7800 @	1798	1927	NA	NA

2.60GHz

Intel Celeron J3160 @ 1.60GHz	1795	1928	NA	NA
AMD Athlon 64 FX-72	1794	1929	NA	NA
Intel Core2 Duo T9500 @ 2.60GHz	1792	1930	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1789	1931	NA	NA
AMD Athlon II X2 B24	1787	1932	44.73	\$39.95
AMD Athlon 64 X2 Dual Core 6400+	1784	1933	6.87	\$259.95*
Intel Core i3-330M @ 2.13GHz	1784	1934	11.16	\$159.95*
Intel Xeon 3070 @ 2.66GHz	1784	1935	10.08	\$176.96
Intel Core i3-2375M @ 1.50GHz	1776	1936	NA	NA
Intel Pentium J2850 @ 2.41GHz	1775	1937	NA	NA
AMD A9-9420e	1774	1938	NA	NA
Intel Celeron G530T @ 2.00GHz	1773	1939	NA	NA
Intel Xeon 3085 @ 3.00GHz	1772	1940	NA	NA
Intel Core2 Duo E7400 @ 2.80GHz	1769	1941	61.03	\$28.99*
Intel Pentium E6500 @ 2.93GHz	1766	1942	11.18	\$157.95*
AMD Embedded G-Series GX-215JJ Radeon R2E	1764	1943	NA	NA
AMD A6-9200	1763	1944	NA	NA
Intel Xeon W3503 @ 2.40GHz	1758	1945	176.01	\$9.99*
AMD Opteron 1222	1757	1947	NA	NA
AMD Phenom X4 Quad-Core GP-9500	1757	1946	NA	NA
AMD Phenom II P860 Triple-Core	1756	1948	NA	NA
AMD A6-9210	1755	1949	NA	NA
Intel Core2 Duo P9600 @ 2.53GHz	1754	1950	17.72	\$99.00*
AMD Phenom X2 Dual-Core GE-7060	1752	1951	NA	NA
Intel Celeron J4025 @ 2.00GHz	1750	1952	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1749	1953	1.75	\$998.99*
Intel Core i7-660UM @ 1.33GHz	1745	1954	NA	NA
Intel Core2 Duo P8800 @ 2.66GHz	1740	1955	30.55	\$56.99*
Intel Xeon 5150 @ 2.66GHz	1740	1956	66.98	\$25.99
AMD Athlon II X2 250	1737	1957	44.61	\$38.95
Intel Pentium E5700 @ 3.00GHz	1736	1958	115.87	\$14.99*
Intel Core2 Duo T9400 @ 2.53GHz	1735	1959	38.62	\$44.95*
Intel Celeron 1037U @ 1.80GHz	1733	1960	NA	NA
Intel Core2 Duo E7300 @ 2.66GHz	1726	1961	43.30	\$39.88*

CPU Name	Passmark CPU Mark (higher is	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
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	better)			
Intel Pentium B940 @ 2.00GHz	1725	1962	57.63	\$29.94*
AMD Phenom II N640 Dual-Core	1722	1963	26.53	\$64.95*
Intel Core i3-2340UE @ 1.30GHz	1719	1964	NA	NA
AMD Sempron 3850 APU	1718	1965	23.87	\$72.00
Intel Celeron N2940 @ 1.83GHz	1716	1966	NA	NA
AMD Athlon II X2 B22	1715	1967	41.16	\$41.69*
Intel Celeron B840 @ 1.90GHz	1715	1968	NA	NA
AMD Athlon II X2 245e	1714	1969	20.54	\$83.45
AMD Phenom II P840 Triple-Core	1713	1970	NA	NA
Intel Core2 Duo E6750 @ 2.66GHz	1712	1971	166.22	\$10.30*
AMD Athlon 7850 Dual-Core	1710	1973	8.16	\$209.65*
Intel Core i7-680UM @ 1.47GHz	1710	1974	NA	NA
Intel Pentium B950 @ 2.10GHz	1710	1972	NA	NA
AMD Phenom II X2 B53	1709	1975	NA	NA
Intel Core i3-2367M @ 1.40GHz	1705	1977	NA	NA
Intel Pentium E6300 @ 2.80GHz	1705	1976	165.57	\$10.30*
Intel Celeron U1900 @ 1.99GHz	1704	1978	NA	NA
Intel Celeron 3755U @ 1.70GHz	1702	1979	NA	NA
AMD Opteron 2220	1701	1980	21.29	\$79.95
Intel Core i3-3229Y @ 1.40GHz	1700	1981	NA	NA
AMD Athlon II X2 240e	1697	1982	48.58	\$34.95*
AMD Phenom X2 Dual-Core GE-4060	1697	1983	NA	NA
AMD Athlon X2 250	1696	1984	NA	NA
Intel Core2 Duo E6700 @ 2.66GHz	1693	1985	56.46	\$29.99*
Intel Atom x5-Z8500 @ 1.44GHz	1692	1987	27.05	\$62.57*
Intel Core2 Extreme X7900 @ 2.80GHz	1692	1986	NA	NA
AMD PRO A4-4350B	1687	1989	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1988	NA	NA
AMD Phenom II N620 Dual-Core	1686	1990	422.67	\$3.99*
Intel Core i3-2365M @ 1.40GHz	1682	1991	NA	NA
AMD Phenom 8600 Triple-Core	1675	1994	31.62	\$52.99*
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1993	5.90	\$284.00*
Intel Core2 Duo T9300 @ 2.50GHz	1675	1992	28.90	\$57.99*
AMD Athlon X2 240e	1670	1996	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1670	1995	NA	NA
Intel Celeron N3160 @ 1.60GHz	1670	1997	5.97	\$279.99
Intel Core i5-560UM @ 1.33GHz	1669	1998	NA	NA

AMD Phenom 8250 Triple-Core	1668	2000	NA	NA
Intel Celeron 1000M @ 1.80GHz	1668	1999	NA	NA
AMD A6-7000	1667	2001	NA	NA
Intel Celeron G1101 @ 2.27GHz	1667	2003	84.34	\$19.77*
Intel Pentium 3558U @ 1.70GHz	1667	2002	NA	NA
Intel Celeron N3150 @ 1.60GHz	1666	2004	NA	NA
AMD A4-3420 APU	1664	2005	NA	NA
AMD QC-4000	1663	2006	NA	NA
Intel Celeron 3855U @ 1.60GHz	1663	2007	NA	NA
Intel Pentium 3556U @ 1.70GHz	1663	2008	NA	NA
AMD Opteron 1220	1661	2009	NA	NA
AMD Athlon II X2 245	1660	2010	47.50	\$34.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 235e	1658	2011	9.12	\$181.88*
Intel Celeron N2930 @ 1.83GHz	1656	2013	NA	NA
Intel Pentium 2117U @ 1.80GHz	1656	2012	12.36	\$134.00*
Intel Celeron 3215U @ 1.70GHz	1652	2014	NA	NA
AMD E2-9000	1649	2015	NA	NA
AMD E2-3800 APU	1648	2016	NA	NA
AMD A6-4400M APU	1644	2018	205.87	\$7.99*
AMD Athlon II X2 240	1644	2017	102.87	\$15.99*
Intel Pentium E5500 @ 2.80GHz	1637	2019	63.00	\$25.99*
Intel Xeon 5140 @ 2.33GHz	1636	2020	65.49	\$24.99*
AMD Athlon II X2 220	1635	2022	50.81	\$32.19
AMD Phenom 8250e Triple-Core	1635	2021	34.81	\$46.99*
AMD E2-9010	1634	2023	NA	NA
AMD Athlon II X2 4400e	1632	2025	NA	NA
AMD Phenom 8400 Triple-Core	1632	2024	NA	NA
Intel Core i7-640UM @ 1.20GHz	1631	2026	NA	NA
AMD Athlon X2 255	1627	2027	NA	NA
Intel Core2 Duo E7200 @ 2.53GHz	1625	2028	33.17	\$49.00*
Intel Core2 Duo P8700 @ 2.53GHz	1622	2029	42.71	\$37.99*
Intel Celeron J1850 @ 1.99GHz	1617	2030	NA	NA
AMD A4-4300M APU	1616	2032	40.55	\$39.86*
AMD A6 PRO-7050B APU	1616	2031	NA	NA
Athlon 64 Dual Core 5400+	1614	2033	NA	NA
AMD Athlon X2 240	1611	2034	NA	NA
Intel Celeron 3965Y @ 1.50GHz	1607	2035	15.03	\$107.00*

Intel Celeron 2002E @ 1.50GHz	1605	2036	18.67	\$86.00*
Intel Pentium A1018 @ 2.10GHz	1605	2037	NA	NA
AMD Athlon 64 X2 Dual Core 6000+	1602	2038	34.88	\$45.95
AMD Phenom II P820 Triple-Core	1602	2039	NA	NA
Intel Core2 Duo T7800 @ 2.60GHz	1601	2040	2.63	\$607.99*
Intel Xeon 5133 @ 2.20GHz	1598	2041	NA	NA
Intel Pentium E5400 @ 2.70GHz	1596	2042	89.89	\$17.76*
AMD A4-3400 APU	1594	2044	18.12	\$87.95
AMD Opteron 2218	1594	2043	19.94	\$79.95
AMD Athlon II X2 210e	1593	2045	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	2046	NA	NA
Intel Xeon 5148 @ 2.33GHz	1590	2047	121.17	\$13.13*
AMD A6-9220e	1586	2048	NA	NA
AMD Phenom II P650 Dual-Core	1579	2049	45.14	\$35.00*
AMD R-260H APU	1576	2050	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	2051	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1572	2052	NA	NA
AMD Athlon 7750 Dual-Core	1569	2053	10.26	\$152.99*
AMD Athlon II X2 215	1567	2054	130.72	\$11.99*
AMD Turion II N530 Dual-Core	1567	2055	52.24	\$30.00*
Intel Core2 Duo P9300 @ 2.26GHz	1564	2056	NA	NA
AMD Athlon II N370 Dual-Core	1559	2057	NA	NA
Intel Core i3-2357M @ 1.30GHz	1556	2058	NA	NA
Intel Core2 Duo E6600 @ 2.40GHz	1554	2059	103.70	\$14.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron J4005 @ 2.00GHz	1552	2060	10.25	\$151.45
AMD A4 Micro-6400T APU	1550	2061	NA	NA
Athlon 64 Dual Core 5600+	1548	2062	NA	NA
AMD Athlon X2 215	1543	2063	NA	NA
AMD A4-9120C	1539	2064	NA	NA
AMD A6-1450 APU	1539	2065	NA	NA
Intel Pentium E5300 @ 2.60GHz	1539	2066	35.54	\$43.31*
Intel Core2 Duo P8600 @ 2.40GHz	1536	2067	31.24	\$49.18*
AMD Sempron X2 190	1534	2068	18.39	\$83.44*
AMD Turion II Ultra Dual-Core Mobile M660	1533	2069	NA	NA
AMD Athlon II X2 225	1526	2070	NA	NA
AMD Turion II N550 Dual-Core	1521	2071	NA	NA

Intel Xeon 3065 @ 2.33GHz	1520	2072	72.77	\$20.90*
Intel Pentium N3510 @ 1.99GHz	1519	2073	NA	NA
AMD Opteron 2216	1518	2076	56.64	\$26.80
Intel Core2 Duo P7550 @ 2.26GHz	1518	2075	6.60	\$229.99*
Intel Xeon 3060 @ 2.40GHz	1518	2074	66.07	\$22.99*
AMD Athlon 64 X2 Dual Core 5800+	1516	2077	60.68	\$24.99*
AMD E2-9030	1515	2078	NA	NA
AMD Turion II P560 Dual-Core	1513	2079	NA	NA
Intel Celeron B830 @ 1.80GHz	1513	2080	NA	NA
Intel Celeron N2920 @ 1.86GHz	1513	2081	NA	NA
Athlon 64 Dual Core 5000+	1507	2082	NA	NA
AMD A4-3300 APU	1504	2084	115.80	\$12.99
AMD Athlon II X2 4450e	1504	2083	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	2085	NA	NA
AMD GX-412HC	1503	2086	NA	NA
Intel Celeron 1017U @ 1.60GHz	1502	2087	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1497	2088	100.16	\$14.95*
AMD Athlon 64 FX-74	1495	2089	2.99	\$499.50*
Intel Celeron 3205U @ 1.50GHz	1491	2090	5.20	\$287.04*
Intel Core2 Duo E8135 @ 2.40GHz	1490	2091	NA	NA
AMD Athlon 64 X2 Dual Core 5600+	1487	2092	8.27	\$179.95*
Intel Pentium E5200 @ 2.50GHz	1486	2093	24.79	\$59.95*
AMD Athlon II X2 4300e	1483	2094	NA	NA
Intel Core2 Duo E4700 @ 2.60GHz	1481	2095	54.89	\$26.99*
AMD A6-5345M APU	1476	2096	NA	NA
AMD Athlon 7550 Dual-Core	1472	2097	24.54	\$60.00
Intel Core2 Duo T8300 @ 2.40GHz	1472	2098	13.51	\$108.95*
AMD Opteron 285	1470	2099	18.39	\$79.95
AMD Opteron 1218	1468	2100	NA	NA
AMD Opteron 290	1464	2101	10.85	\$135.00*
Intel Core2 Duo P7570 @ 2.26GHz	1455	2102	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	2104	NA	NA
Intel Celeron E3500 @ 2.70GHz	1454	2103	36.37	\$39.99*
Intel Core2 Duo P8400 @ 2.26GHz	1452	2105	4.89	\$297.01*
Intel Core2 Duo E6540 @ 2.33GHz	1451	2106	NA	NA
AMD Athlon 7450 Dual-Core	1449	2107	NA	NA
AMD Athlon 64 X2 Dual Core 5400+	1444	2108	27.26	\$52.99*

CPU Name Passmark CPU Rank CPU Value Price

	Mark (higher is better)	(lower is better)	(higher is better)	(USD)
AMD Opteron 1218 HE	1444	2109	NA	NA
Intel Celeron E3400 @ 2.60GHz	1441	2110	2.36	\$610.00*
AMD Phenom X2 Dual-Core GP-7730	1435	2111	NA	NA
AMD Turion II Ultra Dual-Core Mobile M620	1435	2112	NA	NA
Intel Celeron 2957U @ 1.40GHz	1434	2113	NA	NA
AMD Turion II P540 Dual-Core	1432	2114	28.68	\$49.95*
Intel Celeron B820 @ 1.70GHz	1431	2116	36.42	\$39.29*
Intel Celeron N4000 @ 1.10GHz	1431	2115	13.38	\$107.00*
AMD Athlon X2 440	1424	2117	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1424	2118	10.18	\$139.95*
AMD Athlon Dual Core 5400B	1420	2119	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1417	2120	35.45	\$39.99*
AMD Opteron 2214 HE	1415	2121	NA	NA
AMD Sempron X2 198 Dual-Core	1413	2122	NA	NA
Intel Celeron 2955U @ 1.40GHz	1412	2123	NA	NA
Intel Xeon E5205 @ 1.86GHz	1401	2124	98.21	\$14.27*
AMD Turion II Ultra Dual-Core Mobile M600	1399	2125	52.32	\$26.76*
Intel Celeron B810 @ 1.60GHz	1399	2126	NA	NA
AMD Opteron 2220 SE	1398	2127	55.92	\$25.00*
Intel Pentium 997 @ 1.60GHz	1395	2128	NA	NA
AMD Athlon Dual Core 4850B	1391	2130	NA	NA
AMD Sempron X2 180	1391	2129	20.05	\$69.40*
Intel Celeron E3300 @ 2.50GHz	1390	2131	24.40	\$57.00
Intel Celeron 1007U @ 1.50GHz	1389	2132	7.51	\$184.99*
Intel Core2 Duo E4600 @ 2.40GHz	1384	2133	8.76	\$157.95*
Intel Celeron 2981U @ 1.60GHz	1383	2134	NA	NA
AMD Athlon 64 X2 Dual Core 5200+	1382	2135	23.04	\$60.00*
AMD E2-3200 APU	1381	2136	172.96	\$7.99*
Intel Xeon E5503 @ 2.00GHz	1381	2137	4.81	\$287.01*
Intel Celeron E3200 @ 2.40GHz	1379	2138	26.54	\$51.99*
Intel Core2 Duo T7600 @ 2.33GHz	1379	2139	12.54	\$109.95*
Intel Xeon E5502 @ 1.87GHz	1378	2140	14.51	\$95.00*
Intel Core i5-540UM @ 1.20GHz	1375	2141	NA	NA
Intel Pentium P6300 @ 2.27GHz	1372	2142	NA	NA
Athlon 64 Dual Core 4800+	1370	2143	NA	NA

Intel Xeon 5130 @ 2.00GHz	1366	2144	27.90	\$48.99*
Intel Celeron B815 @ 1.60GHz	1365	2145	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	2146	NA	NA
Intel Core2 Duo E6420 @ 2.13GHz	1360	2148	27.21	\$49.99*
Intel Core2 Duo T6670 @ 2.20GHz	1360	2147	NA	NA
AMD Turion II P520 Dual-Core	1359	2149	NA	NA
AMD Opteron 2214	1358	2151	46.85	\$29.00*
Intel Core2 Duo T6600 @ 2.20GHz	1358	2150	71.89	\$18.90*
AMD Turion II Neo N54L Dual-Core	1353	2152	NA	NA
Intel Pentium P6200 @ 2.13GHz	1350	2153	30.05	\$44.95*
Intel Core i5-520UM @ 1.07GHz	1348	2154	NA	NA
AMD Athlon Dual Core 5050e	1346	2157	22.45	\$60.00*
Athlon Dual Core 4850e	1346	2156	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1346	2155	NA	NA
	Passmark CPU			
CPU Name	Mark	Rank	CPU Value	Price
	(higher is better)	(lower is better)	(higher is better)	(USD)
AMD Opteron 185	1342	2158	NA	NA
Intel Core i5-430UM @ 1.20GHz	1341	2159	NA	NA
AMD Turion II Dual-Core Mobile M540	1338	2162	NA	NA
Intel Core i7-620UM @ 1.07GHz	1338	2161	NA	NA
Intel Xeon L3406 @ 2.27GHz	1338	2160	4.83	\$277.01*
Intel Pentium T4500 @ 2.30GHz	1332	2163	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2164	NA	NA
Intel Pentium E2220 @ 2.40GHz	1329	2165	15.46	\$85.99*
Intel Celeron P4600 @ 2.00GHz	1328	2166	NA	NA
Intel Pentium P6100 @ 2.00GHz	1326	2167	46.65	\$28.44*
AMD Athlon II P360 Dual-Core	1318	2168	54.94	\$24.00*
AMD Athlon Dual Core 5200B	1316	2169	NA	NA
AMD Athlon 64 X2 Dual Core 5000+	1314	2170	3.96	\$331.49*
AMD Athlon Dual Core 4850e	1312	2171	33.66	\$39.00*
AMD Opteron 1216	1311	2173	23.91	\$54.85*
Intel Core2 Duo P7370 @ 2.00GHz	1311	2172	NA	NA
AMD Athlon Dual Core 5000B	1308	2174	13.77	\$95.00*
AMD Opteron 1212 HE	1308	2175	NA	NA
AMD Turion II Dual-Core Mobile M520	1307	2176	18.92	\$69.10*

AMD Athlon Dual Core 5600B	1304	2178	NA	NA
AMD E2-9000e	1304	2177	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1301	2179	23.66	\$55.00*
Intel Xeon 3050 @ 2.13GHz	1300	2180	8.23	\$157.95*
AMD Opteron 1214 HE	1299	2181	NA	NA
Intel Celeron G470 @ 2.00GHz	1298	2182	NA	NA
Intel Core2 Duo T8100 @ 2.10GHz	1298	2183	1.30	\$999.99*
AMD Turion II Dual-Core Mobile M500	1294	2184	NA	NA
AMD Athlon 5000 Dual-Core	1292	2185	21.20	\$60.99
AMD Opteron 275	1291	2187	32.32	\$39.95
Intel Celeron 877 @ 1.40GHz	1291	2186	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	2188	64.51	\$19.99*
Intel Core2 Duo E6400 @ 2.13GHz	1288	2189	43.01	\$29.95*
AMD A4-3310MX APU	1286	2190	NA	NA
AMD A6-4455M APU	1286	2191	NA	NA
AMD Athlon 64 X2 4200+	1285	2192	4.16	\$308.95*
AMD Athlon II X2 270u	1285	2193	18.99	\$67.67*
Intel Core2 Duo T6500 @ 2.10GHz	1284	2194	85.69	\$14.99*
AMD Athlon 64 FX-60 Dual Core	1282	2196	NA	NA
Intel Pentium T4400 @ 2.20GHz	1282	2195	NA	NA
Intel Atom Z3775D @ 1.49GHz	1278	2197	NA	NA
Intel Xeon 3040 @ 1.86GHz	1278	2198	51.05	\$25.04*
Intel Atom x5-Z8350 @ 1.44GHz	1276	2199	60.80	\$21.00*
Intel Atom Z3775 @ 1.46GHz	1276	2200	36.46	\$35.00*
Intel Celeron 887 @ 1.50GHz	1276	2201	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1273	2202	NA	NA
Intel Celeron B800 @ 1.50GHz	1273	2203	NA	NA
Intel Core2 Duo E4500 @ 2.20GHz	1272	2205	17.85	\$71.25*
Intel Core2 Duo T7500 @ 2.20GHz	1272	2204	29.61	\$42.99*
AMD Opteron 2212	1270	2206	63.53	\$20.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 5200 Dual-Core	1266	2208	42.23	\$29.99*
Intel Pentium 3560Y @ 1.20GHz	1266	2207	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1262	2209	NA	NA
AMD GX-222GC SOC	1255	2212	NA	NA
Intel Celeron E1600 @ 2.40GHz	1255	2210	NA	NA

Intel Core2 Duo T6570 @ 2.10GHz	1255	2211	32.61	\$38.50*
AMD A4-3320M APU	1253	2213	33.98	\$36.90
AMD Athlon 64 X2 Dual Core 4800+	1253	2214	2.73	\$459.95*
Intel Atom Z3770 @ 1.46GHz	1252	2215	8.38	\$149.44*
Intel Core2 Duo SL9400 @ 1.86GHz	1252	2216	4.95	\$253.00*
Intel Core2 Duo T7400 @ 2.16GHz	1252	2217	NA	NA
AMD Athlon II P340 Dual-Core	1251	2219	25.05	\$49.95*
AMD Athlon X2 Dual Core BE-2450	1251	2218	NA	NA
AMD Athlon II N350 Dual-Core	1249	2220	NA	NA
Intel Xeon 5120 @ 1.86GHz	1248	2221	0.77	\$1,619.99
Intel Pentium P6000 @ 1.87GHz	1244	2222	NA	NA
AMD Opteron 180	1236	2223	9.51	\$129.95*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2224	27.43	\$45.00*
Athlon 64 Dual Core 3800+	1234	2225	NA	NA
Intel Pentium T4300 @ 2.10GHz	1232	2226	NA	NA
AMD A4-3305M APU	1228	2227	39.87	\$30.81*
Intel Celeron N4000C @ 1.10GHz	1226	2228	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1225	2229	81.78	\$14.99*
Intel Pentium 987 @ 1.50GHz	1223	2230	NA	NA
AMD Athlon 64 X2 Dual Core 4600+	1220	2231	3.39	\$359.95*
AMD A4-3330MX APU	1218	2232	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1217	2233	30.48	\$39.95*
AMD Athlon II P320 Dual-Core	1215	2234	40.58	\$29.95*
AMD Athlon X2 Dual Core BE-2400	1213	2235	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2236	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2237	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2238	63.72	\$18.99*
AMD GX-218GL SOC	1207	2239	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2240	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1206	2241	75.86	\$15.90*
Athlon Dual Core 4450e	1204	2242	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1200	2244	NA	NA
Intel Pentium E2200 @ 2.20GHz	1200	2243	16.01	\$75.00*
Intel Core2 Duo T7300 @ 2.00GHz	1196	2245	38.60	\$30.99*

AMD Opteron 1214	1191	2246	4.11	\$290.00*
Intel Atom x5-Z8300 @ 1.44GHz	1190	2247	8.95	\$132.99*
Intel Celeron N2910 @ 1.60GHz	1189	2248	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2249	NA	NA
AMD A4-3300M APU	1186	2251	39.57	\$29.99*
AMD Turion II Neo K685 Dual-Core	1186	2250	NA	NA
Intel Core2 Duo E6320 @ 1.86GHz	1185	2252	23.71	\$49.99*
AMD Phenom X2 Dual-Core GP-5000	1180	2253	NA	NA
AMD A4-4355M APU	1177	2254	NA	NA
AMD Opteron 280	1176	2255	18.10	\$65.00*
	Passmark CPU			
CPU Name	Mark	Rank	CPU Value	Price
	(higher is better)	(lower is better)	(higher is better)	(USD)
Celeron Dual-Core T3100 @ 1.90GHz	1175	2256	27.98	\$42.00*
Intel Pentium E2210 @ 2.20GHz	1174	2257	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2259	39.12	\$29.99*
VIA QuadCore U4650 @ 1.0+ GHz	1173	2258	NA	NA
AMD Opteron 1216 HE	1172	2260	NA	NA
AMD Athlon Dual Core 4450B	1170	2261	37.76	\$31.00*
AMD Opteron 270	1170	2262	4.50	\$259.95
Intel Celeron E1500 @ 2.20GHz	1168	2263	59.47	\$19.65
AMD Opteron 175	1167	2264	NA	NA
Intel Core2 Duo T7200 @ 2.00GHz	1166	2265	11.67	\$99.95*
AMD Turion 64 X2 Mobile TL-68	1162	2266	12.92	\$90.00*
Intel Atom E3840 @ 1.91GHz	1162	2267	NA	NA
Intel Core i3-380UM @ 1.33GHz	1160	2268	NA	NA
Intel Core2 Duo E4400 @ 2.00GHz	1159	2269	23.19	\$49.99*
Athlon 64 Dual Core 4200+	1156	2270	5.64	\$204.95*
AMD Athlon II N330 Dual-Core	1154	2272	NA	NA
Intel Core2 Duo T5870 @ 2.00GHz	1154	2271	NA	NA
Intel Pentium T4200 @ 2.00GHz	1152	2273	96.08	\$12.00*
AMD Turion X2 Dual-Core Mobile RM-77	1149	2274	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2275	NA	NA
Intel Celeron J3355 @ 2.00GHz	1147	2276	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2277	NA	NA
AMD Athlon 64 X2 Dual Core 4400+	1145	2278	19.10	\$59.99

AMD Athlon II Dual-Core M320	1141	2280	38.03	\$30.00*
AMD Turion 64 X2 Mobile TL-66	1141	2279	3.02	\$378.00*
AMD E2-3000 APU	1140	2282	NA	NA
Intel Pentium 967 @ 1.30GHz	1140	2281	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1129	2283	NA	NA
AMD Turion X2 Dual-Core Mobile RM-75	1120	2284	NA	NA
Intel Celeron P4500 @ 1.87GHz	1116	2286	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2285	NA	NA
Intel Core2 Duo T7250 @ 2.00GHz	1116	2287	5.54	\$201.48*
Intel Pentium T3400 @ 2.16GHz	1116	2288	12.41	\$89.95*
AMD Athlon II Dual-Core M300	1113	2291	NA	NA
AMD GX-217GA SOC	1113	2290	NA	NA
Intel Core2 Duo T5800 @ 2.00GHz	1113	2289	NA	NA
Intel Celeron N3350 @ 1.10GHz	1112	2292	4.28	\$259.95
AMD Athlon Dual Core 4450e	1111	2293	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2294	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2295	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	2296	NA	NA
Intel Core2 Duo E6300 @ 1.86GHz	1108	2297	85.30	\$12.99*
AMD Athlon II X2 260u	1107	2298	13.28	\$83.44*
AMD Opteron 170	1097	2299	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1096	2300	5.35	\$204.95
AMD Athlon 64 X2 Dual Core BE-230	1095	2302	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2301	8.18	\$134.00*
Intel Core2 Duo T5750 @ 2.00GHz	1094	2303	109.60	\$9.99*
AMD E2-3000M APU	1093	2304	54.67	\$20.00*
	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 X2 Mobile TL-64	1090	2305	27.69	\$39.39*
Intel Pentium E2180 @ 2.00GHz	1088	2306	36.90	\$29.50
AMD Athlon Dual Core 4050e	1086	2307	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2310	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1084	2308	NA	NA
Intel Xeon 5110 @ 1.60GHz	1084	2309	30.99	\$35.00*

AMD Athlon 64 X2 Dual Core BE-2300	1082	2311	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1082	2312	4.83	\$224.26*
AMD Sempron Dual Core 4900	1081	2314	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1081	2313	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2315	35.98	\$30.00*
AMD Turion 64 X2 Mobile TL-62	1078	2316	3.47	\$311.00*
Intel Core i3-330UM @ 1.20GHz	1075	2317	NA	NA
Intel Celeron G465 @ 1.90GHz	1073	2318	10.73	\$100.00*
Intel Atom Z3740 @ 1.33GHz	1068	2319	NA	NA
AMD Turion X2 Dual-Core Mobile RM-74	1064	2320	43.52	\$24.47*
Intel Pentium 2129Y @ 1.10GHz	1062	2321	7.93	\$134.00*
AMD Turion X2 Dual Core Mobile RM-76	1059	2322	NA	NA
Intel Celeron T1700 @ 1.83GHz	1058	2323	35.29	\$29.99*
AMD Athlon II Dual-Core M340	1056	2324	NA	NA
Intel Core i5-470UM @ 1.33GHz	1054	2325	NA	NA
Intel Celeron E1400 @ 2.00GHz	1053	2326	15.05	\$69.99
Intel Core2 Duo E4300 @ 1.80GHz	1052	2327	6.58	\$159.95
AMD Athlon 64 X2 QL-65	1050	2328	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1044	2329	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2330	NA	NA
Intel Xeon 3.73GHz	1041	2331	NA	NA
Intel Celeron G460 @ 1.80GHz	1040	2332	16.01	\$65.00
Intel Core2 Duo T5550 @ 1.83GHz	1040	2333	NA	NA
Intel Celeron J1750 @ 2.41GHz	1037	2334	NA	NA
Intel Pentium T3200 @ 2.00GHz	1034	2335	86.23	\$12.00*
Intel Atom x5-Z8330 @ 1.44GHz	1029	2336	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1028	2337	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2338	NA	NA
Intel 1500 @ 2.00GHz	1024	2339	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1023	2340	16.51	\$62.00*
Intel Core Duo T2700 @ 2.33GHz	1022	2341	NA	NA
Intel Celeron 847E @ 1.10GHz	1021	2343	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2342	NA	NA
Intel Celeron J1800 @ 2.41GHz	1020	2344	NA	NA

AMD Turion Dual-Core RM-75	1019	2346	37.11	\$27.46*
Intel Core2 Duo T7100 @ 1.80GHz	1019	2345	46.34	\$21.99*
Intel Atom Z3745D @ 1.33GHz	1018	2347	NA	NA
AMD Turion Dual-Core RM-74	1016	2348	NA	NA
AMD E1-7010 APU	1013	2349	NA	NA
Intel Atom Z3740D @ 1.33GHz	1011	2350	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2351	NA	NA
AMD Opteron 1212	1009	2352	3.48	\$290.00*
AMD Athlon 64 X2 QL-67	1006	2353	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 QL-62	1005	2354	NA	NA
AMD Athlon II X2 250u	1004	2355	28.74	\$34.95
AMD Athlon Neo X2 Dual Core 6850e	1002	2356	NA	NA
AMD Athlon 64 X2 Dual Core 3800+	1000	2358	NA	NA
Intel Celeron N2840 @ 2.16GHz	1000	2357	NA	NA
AMD Turion 64 X2 Mobile TL-60	999	2359	62.67	\$15.95*
AMD Athlon X2 Dual Core 6850e	998	2360	NA	NA
AMD TurionX2 Dual Core Mobile RM-70	997	2361	NA	NA
AMD Sempron Dual Core 2200	995	2362	NA	NA
AMD Athlon 64 X2 Dual Core 3400+	994	2365	NA	NA
AMD Athlon 64 X2 QL-64	994	2364	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2366	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2367	NA	NA
Intel Pentium E2160 @ 1.80GHz	994	2363	64.15	\$15.51*
AMD Turion X2 Dual-Core Mobile RM-70	991	2368	NA	NA
AMD Athlon 64 X2 TK-57	988	2369	NA	NA
AMD Sempron Dual Core 2300	982	2371	23.39	\$41.99*
Intel Celeron N3060 @ 1.60GHz	982	2370	NA	NA
Intel 1400 @ 1.83GHz	980	2372	NA	NA
Intel Celeron J3060 @ 1.60GHz	979	2373	NA	NA
AMD Turion II Neo K625 Dual-Core	977	2374	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2375	NA	NA
Intel T1500 @ 1.86GHz	976	2376	NA	NA
AMD Athlon 64 X2 Dual Core TK-	971	2378	NA	NA

AMD Opteron 1210 HE	971	2377	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	969	2379	NA	NA
Athlon Dual Core 4050e	968	2380	NA	NA
Intel Celeron N3010 @ 1.04GHz	967	2381	NA	NA
Intel Celeron @ 1.30GHz	965	2383	NA	NA
Intel Celeron N2830 @ 2.16GHz	965	2382	NA	NA
AMD Opteron 256	963	2384	50.72	\$19.00*
AMD Opteron 265	963	2385	13.20	\$73.00
AMD Athlon 64 X2 Dual Core 3600+	962	2386	16.03	\$60.00
Intel Atom C2358 @ 1.74GHz	961	2389	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	961	2388	NA	NA
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2387	NA	NA
AMD E1 Micro-6200T APU	960	2390	NA	NA
Intel T2050 @ 2.00GHz	959	2391	NA	NA
AMD Athlon 64 X2 3800+	958	2392	NA	NA
AMD Athlon 64 X2 TK-55	955	2393	NA	NA
Intel Celeron 1019Y @ 1.00GHz	954	2394	NA	NA
AMD Sempron 2650 APU	951	2395	14.65	\$64.95
Intel Pentium U5600 @ 1.33GHz	951	2396	NA	NA
Intel Pentium T2390 @ 1.86GHz	950	2397	NA	NA
AMD Turion 64 X2 Mobile TL-58	949	2398	NA	NA
AMD Sempron Dual Core 4700	948	2399	NA	NA
Intel Atom Z3735E @ 1.33GHz	948	2400	8.10	\$117.00*
AMD Athlon 64 X2 QL-66	947	2401	NA	NA
Intel Core2 Duo P7500 @ 1.60GHz	945	2402	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD GX-212JC SOC	943	2404	NA	NA
Intel Core Duo T2600 @ 2.16GHz	943	2403	NA	NA
Intel Atom Z3735D @ 1.33GHz	937	2405	NA	NA
AMD Sempron Dual Core 2100	936	2406	24.02	\$39.00*
Intel Celeron 847 @ 1.10GHz	935	2408	2.97	\$315.00*
Intel Core2 Duo T5300 @ 1.73GHz	935	2407	NA	NA
Intel Celeron N2820 @ 2.13GHz	934	2409	4.16	\$225.00
Intel Celeron T1600 @ 1.66GHz	934	2410	46.77	\$19.99*
AMD Turion II Neo N40L Dual-Core	930	2411	NA	NA

Intel T1400 @ 1.73GHz	929	2412	NA	NA
Intel Core2 Duo SU9400 @ 1.40GHz	927	2413	NA	NA
AMD Athlon 64 X2 Dual-Core TK-57	924	2414	NA	NA
AMD Athlon 64 X2 QL-60	924	2415	NA	NA
AMD Opteron 1210	923	2417	14.21	\$65.00
AMD Turion X2 Dual Core L510	923	2418	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2416	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2419	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2420	14.32	\$64.00*
Intel Atom Z3735F @ 1.33GHz	914	2421	5.04	\$181.30*
Intel Core2 Duo T5450 @ 1.66GHz	914	2422	NA	NA
AMD Turion Dual-Core RM-70	912	2424	36.49	\$25.00*
Intel Atom Z3736F @ 1.33GHz	912	2423	NA	NA
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2425	29.21	\$31.23*
Intel Core2 Duo T5470 @ 1.60GHz	908	2426	NA	NA
Intel Atom Z3735G @ 1.33GHz	906	2427	NA	NA
AMD E1-6015 APU	902	2428	NA	NA
AMD Opteron 165	899	2430	1.63	\$550.00
Intel Celeron N3000 @ 1.04GHz	899	2429	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2431	NA	NA
Intel Celeron N2808 @ 1.58GHz	897	2432	NA	NA
AMD E1-2500 APU	896	2433	NA	NA
AMD Turion 64 X2 Mobile TL-56	892	2434	63.96	\$13.95*
Intel Celeron N3050 @ 1.60GHz	879	2435	5.21	\$169.00
AMD Athlon 64 X2 Dual-Core TK-42	877	2436	NA	NA
AMD E1-6010 APU	871	2437	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	870	2438	11.97	\$72.74*
Intel Pentium E2140 @ 1.60GHz	869	2439	9.67	\$89.95
Intel Core2 Duo U7300 @ 1.30GHz	868	2440	NA	NA
Intel Core Duo T2500 @ 2.00GHz	863	2441	7.20	\$119.99*
Intel Celeron E1200 @ 1.60GHz	861	2442	12.30	\$69.99
AMD Turion Dual-Core RM-72	860	2443	21.52	\$39.99*
AMD Turion X2 Dual Core Mobile RM-70	858	2444	6.48	\$132.56*
Intel 1300 @ 1.66GHz	857	2445	NA	NA
AMD Athlon II Neo K345 Dual-	856	2446	NA	NA

Core

Intel Celeron N2815 @ 1.86GHz	855	2447	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	855	2448	NA	NA
Intel Pentium SU4100 @ 1.30GHz	854	2449	NA	NA
Intel Celeron N2807 @ 1.58GHz	853	2450	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2451	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T2370 @ 1.73GHz	849	2452	24.26	\$35.00*
Intel Core2 Duo L7400 @ 1.50GHz	846	2453	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2455	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2454	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	841	2456	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2457	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2458	14.53	\$57.74*
AMD Athlon Neo X2 Dual Core L335	831	2460	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	831	2459	NA	NA
Intel Pentium T2330 @ 1.60GHz	830	2461	NA	NA
AMD E2-2000 APU	827	2462	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2463	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	823	2464	NA	NA
Intel Core Duo T2450 @ 2.00GHz	822	2465	NA	NA
AMD E2-1800 APU	814	2468	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2467	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2466	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2470	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2469	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2471	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2472	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2473	NA	NA
AMD Sempron 145	806	2474	8.50	\$94.92
Intel Atom Z3770D @ 1.49GHz	805	2475	NA	NA
Intel Celeron N2806 @ 1.60GHz	799	2476	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2477	NA	NA
AMD Athlon 64 FX-25	794	2478	NA	NA

AMD G-T56N	793	2480	NA	NA
Intel Core Duo T2400 @ 1.83GHz	793	2479	49.62	\$16.00*
Intel Celeron N2810 @ 2.00GHz	788	2481	5.64	\$139.99*
AMD Athlon X2 Dual Core 3250e	782	2482	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2483	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2484	29.84	\$25.99*
Intel Celeron SU2300 @ 1.20GHz	771	2485	NA	NA
AMD E1-2200 APU	767	2486	NA	NA
AMD E-450 APU	765	2487	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2488	NA	NA
AMD Opteron 252	760	2491	12.00	\$63.36*
AMD Turion 64 X2 Mobile TL-52	760	2490	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2489	NA	NA
AMD E-350 APU	759	2493	NA	NA
AMD Sempron 150	759	2492	16.91	\$44.95*
AMD Sempron LE-1640	759	2494	NA	NA
Intel Core Duo T2250 @ 1.73GHz	755	2495	NA	NA
AMD G-T56E	751	2496	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2497	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2499	14.95	\$49.99*
Intel Core Duo L2500 @ 1.83GHz	747	2498	NA	NA
AMD E-350	745	2500	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 140	742	2501	18.76	\$39.59*
Intel Pentium D 950 @ 3.40GHz	742	2502	NA	NA
AMD Athlon 64 FX-57	740	2503	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2504	NA	NA
Intel Core Duo T2300 @ 1.66GHz	726	2505	NA	NA
AMD E-350D APU	723	2506	NA	NA
AMD Athlon 64 FX-55	721	2508	4.01	\$179.95*
Intel Celeron U3400 @ 1.07GHz	721	2507	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2509	NA	NA
Intel Core Duo L2300 @ 1.50GHz	719	2510	NA	NA
AMD Athlon 64 FX-59	715	2511	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2512	NA	NA
Intel Pentium D 940 @ 3.20GHz	711	2513	NA	NA
Intel Atom D525 @ 1.80GHz	706	2515	NA	NA

Intel Pentium T2080 @ 1.73GHz	706	2516	4.41	\$159.95*
Intel Pentium T2130 @ 1.86GHz	706	2514	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2518	NA	NA
Intel Pentium 5 2.66GHz	705	2517	NA	NA
AMD Opteron 154	703	2519	NA	NA
AMD Sempron 130	700	2520	28.03	\$24.99*
Intel Core2 Duo U7700 @ 1.33GHz	700	2521	NA	NA
Intel Celeron G440 @ 1.60GHz	694	2522	13.90	\$49.99*
AMD Opteron 254	693	2523	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2524	NA	NA
Intel Celeron 925 @ 2.30GHz	689	2525	NA	NA
AMD E1-1500 APU	688	2526	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2527	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2528	NA	NA
Intel Xeon MV 3.20GHz	683	2529	NA	NA
Intel Atom D2550 @ 1.86GHz	681	2530	NA	NA
AMD Athlon LE-1660	677	2531	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2532	23.33	\$28.99
AMD V160	673	2533	NA	NA
AMD Athlon 1640B	670	2534	13.42	\$50.00*
Intel Core2 Duo U7600 @ 1.20GHz	670	2535	NA	NA
AMD G-T48E	667	2536	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2537	NA	NA
AMD Opteron 152	658	2538	NA	NA
Intel Atom D510 @ 1.66GHz	658	2540	6.78	\$97.16*
Intel Atom K510 @ 1.66GHz	658	2539	NA	NA
AMD E1-1200 APU	654	2541	NA	NA
AMD Opteron 250	649	2542	59.01	\$11.00*
AMD Athlon X2 Dual Core L310	647	2543	NA	NA
AMD Athlon 64 FX-53	646	2544	21.57	\$29.99*
VIA Nano L3600@2000MHz	645	2545	NA	NA
Intel Core 330 @ 1.60GHz	643	2546	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2547	NA	NA
AMD E1-2100 APU	641	2549	NA	NA
AMD V140	641	2548	12.84	\$49.95*
	Passmark CPU			
CPU Name	Mark	Rank	CPU Value	Price
	(higher is	(lower is	(higher is	(USD)
	better)	better)	better)	
AMD Sempron LE-1620	635	2550	NA	NA
AMD A4-1200 APU	632	2551	NA	NA

AMD Opteron 246	632	2552	31.62	\$19.99*
AMD Athlon LE-1640	629	2553	NA	NA
AMD Athlon II 170u	627	2554	34.86	\$17.99
Intel Celeron 450 @ 2.20GHz	626	2555	20.90	\$29.99*
Intel Atom N2800 @ 1.86GHz	625	2556	NA	NA
AMD V120	623	2557	NA	NA
AMD A4-1250 APU	622	2558	NA	NA
AMD Turion 64 Mobile ML-42	615	2559	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2560	NA	NA
AMD E-300 APU	609	2561	NA	NA
AMD Athlon 64 4000+	608	2562	3.32	\$183.27*
VIA Nano X2 U4025 @ 1.2 GHz	605	2563	NA	NA
AMD Opteron 150	604	2564	NA	NA
Intel Xeon 3.80GHz	604	2565	0.71	\$851.00*
AMD Opteron 148	603	2566	NA	NA
AMD Athlon 64 3600+	601	2567	NA	NA
AMD Athlon 64 3700+	598	2568	8.67	\$69.00*
AMD Sempron LE-1300	598	2569	23.92	\$25.00
AMD Turion 64 Mobile ML-44	591	2570	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2571	NA	NA
AMD Athlon 64 3800+	589	2572	5.36	\$109.95
Intel Core2 Duo Q6867 @ 3.00GHz	589	2573	NA	NA
Intel Atom 330 @ 1.60GHz	586	2574	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2575	NA	NA
Intel Pentium D 915 @ 2.80GHz	584	2576	NA	NA
AMD Sempron M120	582	2577	NA	NA
VIA Nano L3050@1800MHz	581	2578	NA	NA
Intel Atom E3825 @ 1.33GHz	579	2579	8.24	\$70.32*
AMD Athlon LE-1620	578	2580	32.12	\$18.00*
AMD Athlon 64 3300+	576	2582	NA	NA
Mobile AMD Athlon 64 4000+	576	2581	NA	NA
AMD Athlon 64 2200+	575	2583	NA	NA
Intel Atom N570 @ 1.66GHz	575	2584	6.69	\$86.00*
Intel Atom Z2760 @ 1.80GHz	572	2585	NA	NA
Mobile AMD Athlon XP	572	2586	45.45	\$12.59*
AMD Athlon XP 3400+	570	2587	NA	NA
AMD Sempron M100	566	2588	47.17	\$12.00*
AMD Athlon II 160u	563	2589	18.78	\$29.99*
AMD C-70 APU	558	2590	NA	NA
AMD Athlon LE-1600	557	2591	26.57	\$21.00*
AMD Sempron 3800+	554	2592	3.62	\$152.92*

AMD Athlon 64 3400+	545	2593	NA	NA
AMD C-60 APU	544	2594	NA	NA
Intel Celeron 440 @ 2.00GHz	544	2595	18.15	\$29.99
Intel Core Duo U2400 @ 1.06GHz	544	2596	NA	NA
AMD Sempron LE-1250	543	2597	5.44	\$99.95*
Intel Celeron M 540 @ 1.86GHz	542	2598	NA	NA
	Passmark CPU			
CPU Name	Mark	Rank	CPU Value	Price
	(higher is	(lower is	(higher is	(USD)
	better)	better)	better)	
AMD Athlon 64 3500+	541	2599	4.97	\$108.95
AMD Athlon XP-M	541	2600	15.48	\$34.95*
AMD Turion 64 Mobile MT-40	536	2601	NA	NA
AMD Sempron LE-1600	535	2602	NA	NA
AMD Opteron 146	532	2603	8.87	\$59.99*
Intel Celeron 560 @ 2.13GHz	531	2604	6.65	\$79.95
Intel Pentium D 805 @ 2.66GHz	530	2605	NA	NA
AMD Sempron LE-1200	529	2606	NA	NA
Intel Atom N2600 @ 1.60GHz	528	2607	NA	NA
AMD Athlon II Neo K145	525	2608	NA	NA
Intel 2.80GHz	525	2609	NA	NA
AMD Z-01	523	2610	NA	NA
AMD Turion 64 Mobile ML-40	522	2612	NA	NA
Intel Atom N550 @ 1.50GHz	522	2611	6.08	\$86.00*
Intel Celeron 540 @ 1.86GHz	521	2613	NA	NA
Intel Celeron 550 @ 2.00GHz	519	2614	7.99	\$64.95*
Intel Celeron 570 @ 2.26GHz	517	2615	NA	NA
VIA Nano L3025@1600MHz	517	2616	NA	NA
AMD G-T40N	516	2617	NA	NA
AMD Turion 64 Mobile MK-38	513	2618	NA	NA
Mobile AMD Athlon XP-M	512	2619	NA	NA
Mobile AMD Athlon 64 3400+	511	2620	NA	NA
Intel Pentium M 2.26GHz	509	2622	NA	NA
Intel Xeon 3.60GHz	509	2621	0.60	\$851.00*
Mobile AMD Athlon XP-M (LV)	508	2623	NA	NA
Intel Core Duo U2500 @ 1.20GHz	507	2624	NA	NA
AMD Athlon 2850e	506	2625	NA	NA
Mobile AMD Athlon XP-M (LV)	505	2626	NA	NA
3200+				
VIA Nano U3100 (1.6GHz Capable)	501	2627	NA	NA
AMD Z-60 APU	500	2628	NA	NA
Intel Pentium M 2.13GHz	499	2630	NA	NA

VIA Eden X2 U4200 @ 1.0+ GHz	499	2629	NA	NA
AMD Athlon MP 2800+	497	2631	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2632	NA	NA
AMD Athlon 64 3200+	494	2633	3.30	\$149.95*
Intel Xeon 3.06GHz	491	2634	NA	NA
AMD Sempron LE-250	490	2635	NA	NA
Intel Atom E3826 @ 1.46GHz	489	2636	NA	NA
Intel Celeron 430 @ 1.80GHz	487	2637	10.33	\$47.18
Mobile AMD Athlon XP-M 3200+	487	2638	NA	NA
AMD Opteron 144	486	2640	7.48	\$65.00*
Intel Pentium 4 3.73GHz	486	2639	NA	NA
AMD Athlon 3100+	485	2644	NA	NA
Intel Pentium 4 3.60GHz	485	2642	NA	NA
Intel Pentium 4 3.80GHz	485	2641	NA	NA
Mobile AMD Sempron 3800+	485	2643	NA	NA
AMD Sempron 3300+	484	2646	4.39	\$110.27*
AMD Turion 64 Mobile MT-37	484	2645	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2647	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 3600+	483	2648	40.30	\$12.00*
Intel Celeron D 420 @ 1.60GHz	481	2649	NA	NA
Intel Xeon 3.40GHz	478	2650	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2651	NA	NA
AMD Athlon II Neo K125	477	2652	NA	NA
AMD Opteron 248	476	2653	4.77	\$99.95
Mobile AMD Athlon XP-M (LV) 2800+	475	2654	NA	NA
Intel Celeron 530 @ 1.73GHz	474	2655	20.62	\$22.99*
AMD Athlon QI-46	473	2656	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2657	NA	NA
Intel Celeron M 530 @ 1.73GHz	469	2658	NA	NA
AMD G-T40E	467	2659	NA	NA
AMD C-60	466	2661	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	466	2660	NA	NA
AMD Turion 64 Mobile MK-36	465	2662	NA	NA
AMD Athlon 64 3000+	464	2664	7.73	\$60.00
AMD Athlon XP 2300+	464	2663	NA	NA
AMD Athlon 2400+	462	2666	NA	NA
AMD C-50	462	2665	NA	NA

Intel Pentium M 2.00GHz	461	2667	NA	NA
Intel Xeon 3.20GHz	461	2668	NA	NA
Intel Celeron N2805 @ 1.46GHz	460	2669	NA	NA
AMD Athlon 3200+	458	2670	7.63	\$60.00*
Intel Celeron M 723 @ 1.20GHz	457	2672	NA	NA
VIA Nano L1900@1400MHz	457	2671	NA	NA
AMD Sempron SI-42	455	2673	15.19	\$30.01*
AMD Sempron 3400+	454	2674	3.11	\$146.42*
Intel Pentium 4 3.46GHz	454	2675	NA	NA
AMD Sempron 3100+	452	2676	7.53	\$60.00*
Intel Celeron 420 @ 1.60GHz	451	2677	11.28	\$39.99*
Intel Celeron M 450 @ 2.00GHz	450	2679	NA	NA
Mobile AMD Athlon 64 3000+	450	2678	NA	NA
Intel Pentium M 2.10GHz	448	2680	NA	NA
Mobile AMD Athlon 64 3200+	448	2681	NA	NA
AMD Athlon 2800+	447	2682	3.20	\$139.95*
AMD Sempron SI-40	447	2683	37.27	\$12.00*
AMD Turion 64 Mobile ML-37	446	2684	2.27	\$196.50*
Mobile AMD Sempron 3300+	446	2685	NA	NA
AMD Athlon 2600+	444	2686	4.23	\$104.95*
Mobile AMD Sempron 3400+	441	2687	NA	NA
Mobile AMD Athlon 64 2800+	440	2688	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2689	NA	NA
AMD Sempron LE-1150	439	2691	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2690	NA	NA
AMD Athlon 64 2800+	438	2693	4.38	\$99.99*
Intel Pentium M 1.86GHz	438	2692	NA	NA
AMD Athlon 64 FX-51	437	2695	NA	NA
AMD Sempron LE-1100	437	2694	NA	NA
AMD Athlon MP 2400+	436	2696	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel T1200 @ 1.50GHz	435	2698	NA	NA
Intel Xeon 2.66GHz	435	2697	NA	NA
Mobile AMD Athlon 64 3700+	435	2699	NA	NA
AMD Athlon XP 3100+	433	2700	NA	NA
AMD Athlon XP 3200+	432	2701	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2702	NA	NA
AMD Turion 64 Mobile MT-34	429	2704	NA	NA

Mobile AMD Sempron 3600+	429	2703	NA	NA
AMD Opteron 142	428	2706	NA	NA
VIA Nano L2100@1800MHz	428	2705	NA	NA
AMD Turion 64 Mobile MT-32	426	2707	NA	NA
AMD Turion 64 Mobile ML-34	425	2708	NA	NA
AMD Athlon XP 2900+	424	2709	NA	NA
Intel Celeron 743 @ 1.30GHz	421	2710	NA	NA
AMD Turion 64 Mobile MT-28	419	2711	NA	NA
Mobile AMD Sempron 3100+	416	2712	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2714	NA	NA
VIA Nano U2250 (1.6GHz Capable)	415	2713	NA	NA
AMD Athlon TF-20	413	2715	NA	NA
AMD Athlon 2100+	412	2716	NA	NA
Intel Pentium M 1.73GHz	412	2717	NA	NA
Intel Pentium M 1.80GHz	411	2718	NA	NA
AMD Athlon Neo MV-40	410	2719	NA	NA
VIA Nano U3300@1200MHz	409	2720	NA	NA
AMD Sempron 3000+	408	2722	20.43	\$20.00
Intel Atom D2500 @ 1.86GHz	408	2723	NA	NA
Intel Pentium SU2700 @ 1.30GHz	408	2721	NA	NA
Mobile AMD Sempron 3500+	408	2724	NA	NA
AMD Athlon 2650e	407	2725	21.46	\$19.00*
AMD Sempron 3200+	406	2727	3.33	\$122.25*
Intel Pentium M 1.70GHz	406	2726	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2728	4.50	\$89.95*
AMD K7	403	2729	NA	NA
AMD-K7	403	2730	NA	NA
AMD Athlon XP 3000+	402	2732	5.06	\$79.70*
AMD Turion 64 Mobile ML-30	402	2733	NA	NA
AMD Turion 64 Mobile ML-32	402	2731	NA	NA
AMD Athlon XP2200+	401	2734	NA	NA
AMD GX-210JA SOC	401	2735	NA	NA
AMD Athlon XP 2800+	400	2736	NA	NA
Intel Xeon 2.80GHz	400	2737	NA	NA
Mobile AMD Athlon 64 2700+	398	2738	NA	NA
AMD Opteron 140	396	2740	0.62	\$640.00
Intel Core Solo T1350 @ 1.86GHz	396	2739	NA	NA
AMD Athlon TF-36	395	2742	NA	NA
Intel Pentium 4 3.40GHz	395	2741	NA	NA
Mobile AMD Sempron 2600+	394	2744	NA	NA
VIA Esther 2000MHz	394	2743	NA	NA

AMD Athlon XP 2700+	393	2745	4.64	\$84.79*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 1.70GHz	393	2747	NA	NA
Intel Core Solo T1300 @ 1.66GHz	393	2746	NA	NA
AMD Sempron 2100+	392	2749	NA	NA
Intel Celeron M 440 @ 1.86GHz	392	2748	NA	NA
AMD Sempron 210U	391	2751	NA	NA
Intel Xeon 3.00GHz	391	2750	NA	NA
AMD Athlon 2000+	390	2754	NA	NA
AMD Turion 64 Mobile ML-28	390	2753	NA	NA
Intel Celeron 723 @ 1.20GHz	390	2752	NA	NA
Mobile AMD Sempron 3000+	389	2755	NA	NA
AMD Sempron 2800+	383	2756	9.60	\$39.95
Intel Atom Z550 @ 2.00GHz	381	2757	NA	NA
AMD Athlon 64 FX-34	380	2758	NA	NA
AMD Sempron 3500+	379	2759	18.98	\$20.00*
AMD Turion 64 Mobile MT-30	378	2760	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2761	NA	NA
Intel Pentium M 1700MHz	376	2762	NA	NA
AMD Athlon 2500+	374	2763	2.04	\$183.99*
AMD Athlon 64 2600+	374	2765	NA	NA
AMD Athlon XP2400+	374	2764	NA	NA
AMD Sempron 2600+	374	2766	14.97	\$24.99
Intel Pentium 4 3.20GHz	373	2767	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2768	NA	NA
AMD Athlon XP 2600+	372	2769	16.18	\$23.03*
Mobile AMD Athlon 2500+	370	2771	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2770	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2773	NA	NA
VIA Nano L2007@1600MHz	369	2772	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2775	NA	NA
VIA C7-D 2000MHz	368	2774	NA	NA
AMD Athlon XP Pro3+	367	2776	NA	NA
Intel Pentium M 1.50GHz	366	2777	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2779	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2778	NA	NA
Intel Pentium M 1.60GHz	364	2782	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2780	NA	NA

Mobile AMD Sempron 2800+	364	2781	NA	NA
AMD Athlon 2200+	363	2783	4.55	\$79.99*
Intel Celeron M 1.60GHz	362	2784	NA	NA
AMD Athlon XP 2400+	360	2785	4.01	\$89.99*
Intel Core2 Solo U2100 @ 1.06GHz	359	2786	NA	NA
Mobile AMD Athlon 4 2400+	358	2787	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2788	NA	NA
AMD Athlon XP 2500+	355	2789	NA	NA
Intel Pentium M 1500MHz	354	2790	NA	NA
Mobile AMD Sempron 3200+	354	2791	NA	NA
AMD Athlon XP1900+	353	2792	NA	NA
Intel Pentium 4 3.00GHz	353	2793	NA	NA
VIA Eden C1050@1.06GHz	352	2794	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z540 @ 1.86GHz	348	2795	NA	NA
Intel Atom E680 @ 1.60GHz	346	2798	NA	NA
Intel Pentium 4 3.06GHz	346	2797	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2799	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2796	NA	NA
Intel Atom D425 @ 1.80GHz	345	2801	0.35	\$992.98*
Intel Pentium M 1.40GHz	345	2800	NA	NA
AMD Athlon XP 1700	344	2802	NA	NA
Intel Celeron M 1.50GHz	344	2803	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2804	NA	NA
AMD Athlon MP 1700+	339	2805	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2807	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2806	NA	NA
Intel Pentium M 1600MHz	335	2809	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2808	NA	NA
AMD Sempron 2500+	334	2810	4.78	\$69.95
Intel Celeron M 420 @ 1.60GHz	334	2811	NA	NA
Intel Celeron 3.33GHz	333	2812	NA	NA
Intel Celeron M 1500MHz	333	2813	NA	NA
Intel Atom N470 @ 1.83GHz	332	2814	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2815	1.58	\$209.99
Intel Core Solo U1500 @ 1.33GHz	330	2816	NA	NA
AMD Athlon XP 2200+	328	2818	3.87	\$84.95*
Intel Celeron M 360 1.40GHz	328	2817	NA	NA

AMD Athlon XP 2100+	323	2819	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2820	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2821	NA	NA
Intel Pentium 4 2.80GHz	322	2822	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2823	NA	NA
Intel Pentium M 1400MHz	320	2824	NA	NA
AMD Sempron 2300+	318	2825	7.07	\$45.00*
AMD E-240	317	2826	NA	NA
Intel Celeron M 1.30GHz	316	2827	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2828	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2829	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2830	NA	NA
AMD Sempron 2400+	314	2833	13.69	\$22.99
Intel Atom N475 @ 1.83GHz	314	2831	NA	NA
Mobile AMD Athlon 4	314	2832	3.62	\$86.99*
Mobile Intel Pentium 4 - M 2.60GHz	313	2834	NA	NA
AMD Athlon XP 1900+	312	2835	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2836	NA	NA
AMD C-30	310	2837	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2838	NA	NA
AMD G-T52R	308	2839	NA	NA
Intel Atom 230 @ 1.60GHz	307	2840	NA	NA
VIA Nano U2500@1200MHz	306	2841	NA	NA
AMD Athlon L110	303	2844	NA	NA
Intel Celeron M 1300MHz	303	2843	NA	NA
	Passmark CPU			
CPU Name	Mark	Rank	CPU Value	Price
	(higher is	(lower is	(higher is	(USD)
	better)	better)	better)	
Intel Pentium M 1300MHz	303	2842	NA	NA
Intel Atom N2100 @ 1.60GHz	302	2845	NA	NA
Intel Celeron 1400MHz	302	2846	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2847	NA	NA
Intel Atom D410 @ 1.66GHz	301	2849	0.47	\$635.99*
Intel Pentium M 1.30GHz	301	2848	NA	NA
AMD Athlon XP 1800+	300	2851	5.10	\$58.95*
AMD Athlon XP 2000+	300	2852	12.01	\$24.99*
Mobile AMD Athlon XP-M 2000+	300	2850	NA	NA
AMD V105	299	2853	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2854	NA	NA
Intel Pentium M 1.20GHz	298	2855	NA	NA

Intel Atom N450 @ 1.66GHz	297	2858	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2857	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2856	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2860	NA	NA
VIA Nano L2207@1600MHz	296	2859	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2861	NA	NA
AMD Athlon 1500+	294	2863	NA	NA
Mobile Intel Celeron 1200MHz	294	2862	NA	NA
Intel Pentium 4 2.93GHz	293	2864	NA	NA
AMD Geode NX 1750	291	2865	NA	NA
Intel Celeron 1333MHz	290	2866	NA	NA
Intel Celeron 3.20GHz	289	2869	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2867	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2868	NA	NA
686 Gen	288	2871	NA	NA
AMD Athlon 7850 Dual-Core 2.8G	288	2874	NA	NA
Intel Celeron 1300MHz	288	2872	NA	NA
Intel Pentium 4 2.60GHz	288	2873	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2870	NA	NA
AMD Athlon XP2100+	287	2876	NA	NA
VIA C7-D 1500MHz	287	2875	NA	NA
Intel Atom N455 @ 1.66GHz	284	2879	NA	NA
Intel Celeron 3.06GHz	284	2878	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2877	NA	NA
VIA C7 1500MHz	284	2880	NA	NA
Intel Celeron 2.93GHz	283	2881	NA	NA
AMD Athlon XP 1500	282	2886	NA	NA
AMD Sempron 2200+	282	2884	9.42	\$29.99*
Intel Atom N280 @ 1.66GHz	282	2885	NA	NA
Intel Celeron 1133MHz	282	2882	NA	NA
Intel Pentium M 1.10GHz	282	2883	NA	NA
AMD Athlon XP1600+	281	2887	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2889	NA	NA
Mobile Intel Celeron 2.50GHz	281	2888	NA	NA
Mobile Intel Celeron 1333MHz	280	2890	NA	NA
AMD Athlon 4	279	2891	5.09	\$54.99
Mobile Intel Pentium 4 2.66GHz	279	2892	NA	NA

CPU Name

Passmark CPU

Rank

CPU Value

Price

	Mark (higher is better)	(lower is better)	(higher is better)	(USD)
Intel Core Solo U1400 @ 1.20GHz	278	2894	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2893	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2895	6.38	\$43.56*
Intel Xeon 2.40GHz	276	2896	30.35	\$9.10*
Intel Celeron M 1200MHz	275	2897	NA	NA
VIA Nano U2250@1300+MHz	274	2898	NA	NA
VIA Nano U3500@1000MHz	272	2899	NA	NA
AMD Athlon XP 1700+	271	2902	4.43	\$61.25*
Intel Atom E660 @ 1.30GHz	271	2900	5.03	\$54.00*
Intel Celeron D 347 @ 3.06GHz	271	2901	NA	NA
Intel Core Solo U1300 @ 1.06GHz	270	2903	NA	NA
Intel Atom N270 @ 1.60GHz	269	2904	NA	NA
AMD Athlon XP 1600+	267	2906	NA	NA
AMD Sempron 200U	267	2905	3.08	\$87.00*
Mobile AMD Athlon 1400+	266	2907	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2908	NA	NA
AMD Geode NX	264	2909	NA	NA
Mobile Intel Pentium 4 2.40GHz	264	2910	NA	NA
Intel Atom N435 @ 1.33GHz	261	2912	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2911	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2913	NA	NA
Intel Celeron 1066MHz	259	2914	NA	NA
Intel Pentium M 1100MHz	259	2915	NA	NA
AMD Athlon XP 1500+	257	2916	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2917	NA	NA
Intel Celeron 2.80GHz	255	2918	NA	NA
Intel Pentium 4 2.66GHz	254	2919	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2920	NA	NA
Intel XEON 2.20GHz	252	2921	NA	NA
Mobile AMD Sempron 2100+	252	2922	NA	NA
Intel Pentium III Mobile 1133MHz	251	2923	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2925	NA	NA
VIA Esther 1300MHz	250	2924	NA	NA
Intel Celeron 2.66GHz	249	2926	NA	NA
Intel Pentium 4 2.53GHz	248	2927	NA	NA
Intel Celeron 2.50GHz	247	2928	NA	NA
Intel Pentium III Mobile 1066MHz	246	2929	NA	NA

Intel Celeron 2.53GHz	245	2932	NA	NA
Intel Celeron 2.70GHz	245	2933	NA	NA
Intel Pentium 4 2.50GHz	245	2931	NA	NA
Intel Pentium III Mobile 1000MHz	245	2930	NA	NA
Intel Celeron 1200MHz	244	2935	NA	NA
Intel Celeron 2.10GHz	244	2934	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2936	NA	NA
Intel Pentium III Mobile 1200MHz	240	2937	NA	NA
Intel Celeron 2.60GHz	238	2938	NA	NA
Intel Pentium III 933S @ 933MHz	238	2939	NA	NA
Intel Pentium M 1200MHz	237	2940	NA	NA
Mobile Intel Celeron 2.40GHz	236	2941	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1000MHz	233	2943	NA	NA
Intel Xeon 2.00GHz	233	2942	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2944	NA	NA
AMD Athlon MP	230	2945	18.46	\$12.49*
AMD G-T44R	229	2946	NA	NA
Intel Celeron 2.30GHz	227	2948	NA	NA
Intel Pentium 4 2.40GHz	227	2947	NA	NA
Mobile Intel Celeron 2.20GHz	226	2949	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2950	NA	NA
Intel Celeron 2.26GHz	223	2951	NA	NA
VIA C7-M 6300MHz	222	2952	NA	NA
Intel Pentium 4 2.26GHz	221	2953	NA	NA
Intel Atom Z520 @ 1.33GHz	219	2954	NA	NA
Intel Atom Z515 @ 1.20GHz	218	2956	NA	NA
Intel Pentium III Mobile 933MHz	218	2955	7.55	\$28.99*
Intel Celeron 2.40GHz	217	2957	NA	NA
Intel Pentium M 900MHz	217	2958	NA	NA
Intel Celeron 1000MHz	213	2960	NA	NA
Intel Celeron 2.20GHz	213	2962	NA	NA
Intel Celeron M 1.00GHz	213	2961	16.96	\$12.59
Mobile Intel Pentium 4 - M 2.40GHz	213	2959	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2963	NA	NA
Intel Pentium 4 2.20GHz	209	2965	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2964	NA	NA

Intel Celeron 2.13GHz	208	2967	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2966	NA	NA
Intel Celeron M 900MHz	205	2968	NA	NA
Mobile Intel Celeron 2.00GHz	204	2969	NA	NA
AMD G-T40R	203	2971	NA	NA
VIA C7-D 1800MHz	203	2970	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2972	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2973	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2974	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2975	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2976	NA	NA
Intel Pentium 4 3.83GHz	195	2977	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2978	NA	NA
VIA Esther 1500MHz	195	2979	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2980	4.33	\$45.00*
Intel Pentium 4 1600MHz	193	2982	0.30	\$647.45*
Intel Xeon 1500MHz	193	2981	NA	NA
Intel Pentium 4 2.00GHz	189	2983	NA	NA
Mobile Intel Celeron 1.50GHz	188	2984	NA	NA
Mobile Intel Celeron 1.60GHz	188	2985	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2986	NA	NA
Mobile Intel Celeron 1.80GHz	186	2987	NA	NA
Intel Celeron M ULV 800MHz	184	2990	NA	NA
Intel Pentium 4 4.00GHz	184	2988	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2989	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.00GHz	182	2992	NA	NA
Intel Pentium III Mobile 800MHz	182	2991	NA	NA
Mobile Intel Celeron 1.70GHz	181	2993	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2994	NA	NA
VIA C7-M 1600MHz	178	2995	NA	NA
AMD Athlon 64 2000+	177	2996	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2998	NA	NA
Mobile Intel Pentium 4 - M 1.80GHz	175	2997	NA	NA
Intel Celeron 1100MHz	174	2999	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	3000	1.06	\$164.00
Mobile Intel Celeron 1.20GHz	170	3001	NA	NA
Intel Pentium 4 1.40GHz	164	3002	NA	NA

VIA C7-M 1000MHz	164	3003	NA	NA
Intel Pentium 4 1800MHz	162	3004	NA	NA
Intel Pentium 4 1.80GHz	161	3005	NA	NA
Intel Pentium 4 1.90GHz	159	3006	NA	NA
VIA Eden 800MHz	155	3007	NA	NA
VIA Nehemiah	155	3008	NA	NA
Intel Pentium 4 1700MHz	154	3009	NA	NA
Intel Pentium III Mobile 866MHz	152	3010	NA	NA
Intel Celeron M 600MHz	151	3011	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	3012	NA	NA
Intel Celeron 600MHz	147	3013	NA	NA
VIA Esther 1000MHz	146	3014	NA	NA
VIA Eden 1200MHz	142	3015	NA	NA
VIA C7-M 1200MHz	140	3016	NA	NA
Intel Celeron 1.80GHz	136	3017	NA	NA
Intel Pentium 4 1.70GHz	132	3018	NA	NA
Intel Pentium 4 1.50GHz	131	3019	NA	NA
Intel Celeron 1.70GHz	129	3021	NA	NA
Intel Pentium 4 1.60GHz	129	3020	NA	NA
Intel Pentium 4 1400MHz	127	3022	NA	NA
Intel Pentium 4 1500MHz	125	3023	NA	NA
VIA Eden 1000MHz	123	3024	NA	NA
Intel Pentium 4 1300MHz	119	3025	NA	NA
AMD-K6-III	108	3026	NA	NA
Intel Pentium III Mobile 750MHz	103	3027	NA	NA
VIA C3 Ezra	100	3028	NA	NA
AMD-K6 3D	90	3029	NA	NA
VIA Samuel 2	79	3030	NA	NA

* - Last price seen from our affiliates.

Multi CPU Systems

[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	352	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	166	10.62	\$1,662.32
[Dual CPU] AMD Athlon 64 FX-72	3163	458	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	464	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	510	NA	NA
[Dual CPU] AMD EPYC 7251	12955	226	15.75	\$822.70

[Dual CPU] AMD EPYC 7261	12430	232	12.20	\$1,019.00
[Dual CPU] AMD EPYC 7281	15152	194	14.22	\$1,065.18
[Dual CPU] AMD EPYC 7302	32495	37	15.18	\$2,139.98
[Dual CPU] AMD EPYC 7371	19370	146	6.25	\$3,100.00*
[Dual CPU] AMD EPYC 7401	23518	90	6.54	\$3,595.58
[Dual CPU] AMD EPYC 7451	28957	54	14.34	\$2,019.98
[Dual CPU] AMD EPYC 7501	28991	53	4.01	\$7,233.40
[Dual CPU] AMD EPYC 7542	46721	3	6.05	\$7,727.22
[Dual CPU] AMD EPYC 7551	31452	41	2.35	\$13,392.00
[Dual CPU] AMD EPYC 7601	33545	33	4.74	\$7,074.86
[Dual CPU] AMD EPYC 7742	55574	1	6.02	\$9,236.26
[Dual CPU] AMD Opteron 246	1130	499	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	500	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	495	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	496	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	505	NA	NA
[Dual CPU] AMD Opteron 256	1853	492	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	490	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	486	4.28	\$519.90
[Dual CPU] AMD Opteron 275	2133	489	26.70	\$79.90
[Dual CPU] AMD Opteron 280	2452	481	18.86	\$130.00*
[Dual CPU] AMD Opteron 285	2769	471	17.32	\$159.90
[Dual CPU] AMD Opteron 290	2716	473	10.06	\$270.00*
[Dual CPU] AMD Opteron 850	1410	497	0.47	\$3,028.00*
[Dual CPU] AMD Opteron 885	2851	466	NA	NA
[Dual CPU] AMD Opteron 2212	2203	487	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	482	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	480	NA	NA
[Dual CPU] AMD Opteron 2216	2526	476	47.13	\$53.60
[Dual CPU] AMD Opteron 2216 HE	2593	475	NA	NA
[Dual CPU] AMD Opteron 2218	2732	472	17.09	\$159.90
[Dual CPU] AMD Opteron 2218 HE	2514	477	NA	NA
[Dual CPU] AMD Opteron 2220	2839	467	17.75	\$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	465	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	462	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	456	45.30	\$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	446	NA	NA
[Dual CPU] AMD Opteron 2347	3470	453	7.36	\$471.66*

HE

[Dual CPU] AMD Opteron 2350	4078	447	25.50	\$159.90*
[Dual CPU] AMD Opteron 2354	4554	435	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	438	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	416	73.82	\$72.00
[Dual CPU] AMD Opteron 2373 EE	4164	443	NA	NA
[Dual CPU] AMD Opteron 2374	4799	431	36.92	\$130.00

HE

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2376	5238	418	15.70	\$333.62*
[Dual CPU] AMD Opteron 2378	5318	415	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5261	417	58.46	\$90.00
[Dual CPU] AMD Opteron 2384	5449	410	3.24	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	389	NA	NA
[Dual CPU] AMD Opteron 2389	5677	403	48.11	\$118.00*
[Dual CPU] AMD Opteron 2419	5191	420	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425	6209	390	NA	NA
<u>HE</u>				
[Dual CPU] AMD Opteron 2427	5907	400	45.44	\$130.00
[Dual CPU] AMD Opteron 2431	6438	382	92.00	\$69.98
[Dual CPU] AMD Opteron 2435	7053	368	54.25	\$130.00
[Dual CPU] AMD Opteron 2439 SE	8071	336	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	448	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	405	24.58	\$229.90*
[Dual CPU] AMD Opteron 4170	6344	385	53.76	\$118.00*
<u>HE</u>				
[Dual CPU] AMD Opteron 4180	6367	384	7.77	\$819.90*
[Dual CPU] AMD Opteron 4184	7813	342	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	335	80.90	\$99.98*
[Dual CPU] AMD Opteron 4228	7986	338	NA	NA
<u>HE</u>				
[Dual CPU] AMD Opteron 4234	8953	311	19.46	\$459.98*
[Dual CPU] AMD Opteron 4274	6797	374	84.98	\$79.98*
<u>HE</u>				
[Dual CPU] AMD Opteron 4276	9681	294	NA	NA
<u>HE</u>				
[Dual CPU] AMD Opteron 4280	4525	436	45.25	\$100.00*
[Dual CPU] AMD Opteron 4284	9151	304	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9462	301	21.86	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	274	21.71	\$479.98*

[Dual CPU] AMD Opteron 4376 HE	10244	281	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11410	253	40.75	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	375	178.04	\$37.98
[Dual CPU] AMD Opteron 6128 HE	5582	408	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	319	NA	NA
[Dual CPU] AMD Opteron 6134	7586	354	86.22	\$87.98*
[Dual CPU] AMD Opteron 6136	7255	362	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	423	NA	NA
[Dual CPU] AMD Opteron 6168	7741	348	6.67	\$1,159.90
[Dual CPU] AMD Opteron 6172	7621	353	19.24	\$396.00*
[Dual CPU] AMD Opteron 6174	7783	344	59.87	\$130.00
[Dual CPU] AMD Opteron 6176 SE	8448	326	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	459	16.40	\$189.90
[Dual CPU] AMD Opteron 6204	7134	364	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	315	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10558	269	88.00	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	287	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	276	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	9818	291	70.14	\$139.98
[Dual CPU] AMD Opteron 6274	10536	270	117.09	\$89.98
[Dual CPU] AMD Opteron 6275	10900	266	NA	NA
[Dual CPU] AMD Opteron 6276	10101	286	29.88	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	246	17.12	\$699.98*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6308	8349	327	13.47	\$619.96
[Dual CPU] AMD Opteron 6320	10716	268	20.88	\$513.18
[Dual CPU] AMD Opteron 6328	12013	245	16.73	\$718.00
[Dual CPU] AMD Opteron 6344	11203	258	14.40	\$778.00*
[Dual CPU] AMD Opteron 6348	11412	252	18.64	\$612.20
[Dual CPU] AMD Opteron 6366 HE	12147	239	202.52	\$59.98*
[Dual CPU] AMD Opteron 6376	10452	273	80.40	\$130.00
[Dual CPU] AMD Opteron 6378	9145	305	24.07	\$380.00
[Dual CPU] AMD Opteron 6380	14200	204	120.34	\$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	237	42.05	\$289.98

[Dual CPU] AMD Opteron 8218	2831	468	61.54	\$46.00*
[Dual CPU] AMD Opteron 8220	2510	479	15.70	\$159.90
[Dual CPU] AMD Opteron 8222 SE	2793	470	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	457	64.46	\$50.00
[Dual CPU] AMD Opteron 8380	5643	406	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	419	NA	NA
[Dual CPU] AMD Opteron 8389	6517	380	41.25	\$158.00*
[Dual CPU] AMD Opteron 8431	5813	401	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	376	46.80	\$144.00*
[Dual CPU] AMD Opteron 8439 SE	7691	351	64.09	\$120.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	498	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	484	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	452	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	341	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	519	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	517	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	539	514	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	540	513	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	520	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	521	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	518	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	516	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	511	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	679	507	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	771	506	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	509	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	504	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	885	503	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	927	502	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1854	491	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	501	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	488	30.53	\$70.00*
[Dual CPU] Intel Xeon 5120 @	2315	483	0.71	\$3,239.98

1.86GHz					
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2616	474	26.70	\$97.98*	
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	460	NA	NA	
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2975	463	59.52	\$49.98*	
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	461	114.20	\$26.26*	
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3408	454	65.56	\$51.98	
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3818	450	38.19	\$99.98*	
	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)	
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8938	313	19.43	\$459.98	
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11007	263	16.68	\$659.98	
[Dual CPU] Intel Xeon Bronze 3204 @ 1.90GHz	10503	271	19.31	\$544.04*	
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	391	64.96	\$95.50*	
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	388	141.98	\$44.40*	
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	360	121.72	\$60.00	
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	308	12.53	\$719.90*	
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11299	255	291.06	\$38.82*	
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	247	45.83	\$259.90*	
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	331	NA	NA	
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13220	224	21.67	\$609.98*	
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13986	206	85.29	\$163.98*	
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	10818	267	167.57	\$64.56*	
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	13554	217	NA	NA	

[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	12419	233	155.28	\$79.98
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	227	43.43	\$295.98
[Dual CPU] Intel Xeon E5-2448L @ 1.80GHz	11334	254	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	14051	205	100.38	\$139.98
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16397	180	44.56	\$367.98
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11807	248	147.59	\$80.00
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	13442	218	68.59	\$195.98
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	154	29.96	\$619.98
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6324	387	66.08	\$95.70*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6613	378	55.12	\$119.98*
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8331	328	60.37	\$138.00*
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8932	314	19.92	\$448.40*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8158	334	145.73	\$55.98*
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	9041	307	24.66	\$366.56
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10052	288	47.40	\$212.06*
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	11010	262	15.30	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12193	238	345.41	\$35.30*
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13193	225	96.50	\$136.72
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15277	191	191.01	\$79.98
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16439	177	20.57	\$799.30
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14411	202	59.55	\$242.00*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12506	230	11.39	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L	14589	200	NA	NA

[v2 @ 1.90GHz](#)

[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13423	220	168.04	\$79.88*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15935	184	232.70	\$68.48
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18455	159	92.28	\$200.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18745	153	16.77	\$1,118.00
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11172	259	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	211	184.57	\$74.26*
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	193	15.82	\$959.80*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7706	349	4.35	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15900	185	113.59	\$139.98
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16421	178	48.30	\$339.98
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16603	176	3.76	\$4,417.90
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14649	198	86.63	\$169.10

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14553	201	170.13	\$85.54
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19518	143	122.02	\$159.96
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20118	134	10.13	\$1,985.98
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13662	212	133.94	\$102.00
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20756	129	86.49	\$239.98
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	20790	127	39.98	\$519.98
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21533	116	5.97	\$3,603.92*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12399	234	NA	NA

[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	208	4.67	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	161	5.79	\$3,121.72*
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	14995	195	136.34	\$109.98
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18799	152	107.31	\$175.18
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20068	135	100.35	\$199.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20809	126	10.31	\$2,018.00*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	13621	214	90.81	\$150.00*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	13788	209	94.37	\$146.10*
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	122	19.37	\$1,079.98
[Dual CPU] Intel Xeon E5-2652 v3 @ 2.30GHz	19588	141	8.36	\$2,342.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13859	207	4.74	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18901	151	52.51	\$359.98*
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	145	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	165	4.85	\$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16412	179	81.10	\$202.36
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17911	163	64.43	\$278.00
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22459	107	39.45	\$569.24
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23105	97	8.09	\$2,856.58
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	96	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	16943	171	102.08	\$165.98
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	80	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16369	181	129.95	\$125.96
[Dual CPU] Intel Xeon E5-2667 v2	22742	100	59.85	\$379.98

@ 3.30GHz					
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22630	102	34.29	\$659.98	
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22525	104	4.58	\$4,919.90	
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18141	160	68.55	\$264.62	
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20642	130	66.59	\$309.98	
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22511	105	72.62	\$309.98	
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	93	NA	NA	
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	21717	114	15.51	\$1,400.00*	
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	71	NA	NA	
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19762	138	NA	NA	
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	20856	125	NA	NA	
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	47	5.54	\$5,404.00*	
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18537	157	121.03	\$153.16	
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21555	115	61.59	\$350.00	
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24214	87	63.72	\$379.98	
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22761	99	7.54	\$3,018.00*	
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	172	NA	NA	
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21194	120	25.97	\$816.00	
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24666	83	26.81	\$920.00	
		Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	111	NA	NA	
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26907	68	NA	NA	

[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	57	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20762	128	48.51	\$427.98
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23301	95	34.78	\$670.00*
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24293	86	19.95	\$1,217.98*
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26640	69	6.12	\$4,349.98*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	18507	158	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	25703	77	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19614	140	116.05	\$169.02
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23510	92	54.44	\$431.86*
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25755	76	57.23	\$450.00
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27562	63	6.35	\$4,339.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20861	123	40.27	\$517.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24620	85	25.17	\$978.00*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	84	2.12	\$11,616.00*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23518	91	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30334	46	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31774	40	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23101	98	41.70	\$553.98
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27383	66	22.45	\$1,219.98
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30440	45	5.44	\$5,597.90
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	29346	51	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	28299	61	19.15	\$1,478.00
[Dual CPU] Intel Xeon E5-2698 v4	30833	44	4.78	\$6,452.00*

@ 2.10GHz

<u>[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz</u>	32235	38	<u>4.44</u>	<u>\$7,259.18*</u>
<u>[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz</u>	24133	88	NA	NA
<u>[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz</u>	26542	70	<u>10.98</u>	<u>\$2,417.98</u>
<u>[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz</u>	34013	29	<u>2.87</u>	<u>\$11,859.80</u>
<u>[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz</u>	22222	110	NA	NA
<u>[Dual CPU] Intel Xeon E5-4610 v2 @ 2.30GHz</u>	10937	265	<u>4.49</u>	<u>\$2,438.00*</u>
<u>[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz</u>	15383	189	<u>85.56</u>	<u>\$179.80*</u>
<u>[Dual CPU] Intel Xeon E5-4620 v3 @ 2.00GHz</u>	16684	175	<u>5.00</u>	<u>\$3,336.00*</u>
<u>[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz</u>	19491	144	<u>19.15</u>	<u>\$1,017.90*</u>
<u>[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz</u>	15897	186	<u>2.91</u>	<u>\$5,460.00*</u>
<u>[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz</u>	19209	148	<u>35.31</u>	<u>\$544.08*</u>
<u>[Dual CPU] Intel Xeon E5-4640 v3 @ 1.90GHz</u>	20468	131	NA	NA
<u>[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz</u>	19583	142	NA	NA
<u>[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz</u>	18565	155	<u>132.63</u>	<u>\$139.98*</u>
<u>[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz</u>	14876	196	<u>1.94</u>	<u>\$7,676.00*</u>
<u>[Dual CPU] Intel Xeon E5-4650 v4 @ 2.20GHz</u>	21855	113	<u>2.85</u>	<u>\$7,676.00*</u>
<u>[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz</u>	13742	210	<u>92.88</u>	<u>\$147.96*</u>
<u>[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz</u>	22461	106	<u>2.34</u>	<u>\$9,600.00*</u>
<u>[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz</u>	27457	65	<u>2.54</u>	<u>\$10,800.00*</u>
<u>[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz</u>	12145	240	<u>44.98</u>	<u>\$270.00*</u>
<u>[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz</u>	15686	188	NA	NA
<u>[Dual CPU] Intel Xeon E7-4830 @ 2.13GHz</u>	9539	300	<u>2.83</u>	<u>\$3,370.88</u>

[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	108	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7-8860 @ 2.27GHz	9298	302	1.14	\$8,122.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	244	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15263	192	2.42	\$6,306.90
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10965	264	5.04	\$2,176.46
[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz	10207	283	1.02	\$10,017.02*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	485	79.85	\$28.54*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	449	22.74	\$177.56*
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3554	451	36.27	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4155	444	53.61	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	426	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	434	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5120	422	64.02	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5126	421	64.16	\$79.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6001	397	14.36	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6329	386	50.27	\$125.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6822	373	22.01	\$309.90*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7112	365	35.92	\$198.00*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7496	357	12.54	\$597.88*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7083	367	129.73	\$54.60*
[Dual CPU] Intel Xeon E5472 @	7774	345	129.39	\$60.08*

3.00GHz

<u>[Dual CPU] Intel Xeon E5502 @ 1.87GHz</u>	2511	478	<u>13.22</u>	<u>\$190.00*</u>
<u>[Dual CPU] Intel Xeon E5503 @ 2.00GHz</u>	2805	469	<u>4.89</u>	<u>\$574.02*</u>
<u>[Dual CPU] Intel Xeon E5504 @ 2.00GHz</u>	4854	430	<u>34.70</u>	<u>\$139.90*</u>
<u>[Dual CPU] Intel Xeon E5506 @ 2.13GHz</u>	4992	425	<u>39.61</u>	<u>\$126.02*</u>
<u>[Dual CPU] Intel Xeon E5507 @ 2.27GHz</u>	5414	412	<u>5.92</u>	<u>\$913.82*</u>
<u>[Dual CPU] Intel Xeon E5520 @ 2.27GHz</u>	7285	361	<u>75.09</u>	<u>\$97.02*</u>
<u>[Dual CPU] Intel Xeon E5530 @ 2.40GHz</u>	7565	355	<u>48.84</u>	<u>\$154.88</u>
<u>[Dual CPU] Intel Xeon E5540 @ 2.53GHz</u>	7694	350	<u>65.20</u>	<u>\$118.00*</u>
<u>[Dual CPU] Intel Xeon E5603 @ 1.60GHz</u>	4139	445	<u>16.04</u>	<u>\$258.08*</u>
<u>[Dual CPU] Intel Xeon E5606 @ 2.13GHz</u>	5505	409	<u>38.66</u>	<u>\$142.40</u>
<u>[Dual CPU] Intel Xeon E5607 @ 2.27GHz</u>	5916	399	<u>42.74</u>	<u>\$138.42*</u>
<u>[Dual CPU] Intel Xeon E5620 @ 2.40GHz</u>	7973	339	<u>67.58</u>	<u>\$117.98*</u>
<u>[Dual CPU] Intel Xeon E5630 @ 2.53GHz</u>	8329	329	<u>8.40</u>	<u>\$991.84</u>
<u>[Dual CPU] Intel Xeon E5640 @ 2.67GHz</u>	8625	322	<u>17.16</u>	<u>\$502.72</u>
<u>[Dual CPU] Intel Xeon E5645 @ 2.40GHz</u>	10187	285	<u>62.64</u>	<u>\$162.62*</u>
<u>[Dual CPU] Intel Xeon E5649 @ 2.53GHz</u>	10250	280	<u>49.25</u>	<u>\$208.14*</u>
<u>[Dual CPU] Intel Xeon E7340 @ 2.40GHz</u>	5444	411	<u>87.81</u>	<u>\$62.00*</u>
<u>[Dual CPU] Intel Xeon E7440 @ 2.40GHz</u>	5376	414	<u>29.87</u>	<u>\$179.98*</u>
<u>[Dual CPU] Intel Xeon E7540 @ 2.00GHz</u>	6738	377	<u>210.96</u>	<u>\$31.94*</u>
<u>[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz</u>	22011	112	<u>9.92</u>	<u>\$2,218.00</u>
<u>[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz</u>	21437	117	NA	NA
<u>[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz</u>	21250	119	NA	NA

[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22300	109	10.15	\$2,198.00*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	79	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17546	167	6.91	\$2,539.98
[Dual CPU] Intel Xeon Gold 5215 @ 2.50GHz	22537	103	9.23	\$2,442.00*
[Dual CPU] Intel Xeon Gold 5217 @ 3.00GHz	23367	94	7.68	\$3,044.00*
[Dual CPU] Intel Xeon Gold 5218 @ 2.30GHz	17384	169	6.69	\$2,598.42
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	67	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	28658	58	8.10	\$3,539.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	18921	150	7.12	\$2,657.06
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28610	59	7.80	\$3,669.90
[Dual CPU] Intel Xeon Gold 6126T @ 2.60GHz	20391	132	5.47	\$3,730.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22725	101	6.61	\$3,439.98
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26366	72	7.01	\$3,760.90
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	64	6.31	\$4,359.90
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	24851	81	5.47	\$4,539.90
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29725	49	5.60	\$5,309.64*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	62	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	33941	30	6.33	\$5,359.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32761	36	5.72	\$5,727.50
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	55	4.70	\$6,139.98
[Dual CPU] Intel Xeon Gold 6143	29907	48	NA	NA

@ 2.80GHz					
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28802	56	4.35	\$6,617.90	
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29655	50	3.22	\$9,217.90*	
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36628	23	5.69	\$6,435.98	
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32941	35	5.01	\$6,569.90*	
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33142	34	4.36	\$7,599.98	
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	20	5.08	\$7,319.64	
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	25519	78	5.00	\$5,104.72*	
[Dual CPU] Intel Xeon Gold 6240 @ 2.60GHz	36644	22	7.11	\$5,155.98	
[Dual CPU] Intel Xeon Gold 6242 @ 2.80GHz	33730	32	6.19	\$5,447.98	
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31282	42	5.11	\$6,120.00*	
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	33741	31	4.67	\$7,218.00*	
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38755	13	5.87	\$6,599.98	
[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz	37405	17	4.18	\$8,954.10*	
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	40219	11	5.54	\$7,260.00	
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	437	71.16	\$62.80*	
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	441	30.62	\$139.98*	
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	428	130.15	\$37.58*	
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	407	NA	NA	
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	393	30.58	\$200.16*	
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6437	383	117.04	\$55.00*	
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	396	19.22	\$315.90*	
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	427	11.00	\$448.00*	

[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	371	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6961	370	38.69	\$179.90*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7553	356	196.08	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	6973	369	166.10	\$41.98*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8693	318	62.18	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9564	297	NA	NA
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9639	295	57.82	\$166.72*
[Dual CPU] Intel Xeon MP 2.50GHz	550	512	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	515	4.56	\$118.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	508	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	493	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36135	25	NA	NA
[Dual CPU] Intel Xeon Platinum 8153 @ 2.00GHz	19091	149	3.06	\$6,230.00*
[Dual CPU] Intel Xeon Platinum 8160 @ 2.10GHz	38364	14	4.27	\$8,978.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	37838	16	2.46	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	52	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39589	12	3.36	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36410	24	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	26	NA	NA
[Dual CPU] Intel Xeon Platinum 8176M @ 2.10GHz	37191	19	NA	NA
[Dual CPU] Intel Xeon Platinum	37312	18	1.86	\$20,030.00*

8180 @ 2.50GHz				
[Dual CPU] Intel Xeon Platinum 8260 @ 2.40GHz	38202	15	4.14	\$9,220.00*
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	9	3.42	\$12,011.96*
[Dual CPU] Intel Xeon Platinum 8275CL @ 3.00GHz	43870	6	NA	NA
[Dual CPU] Intel Xeon Platinum 8280 @ 2.70GHz	43943	5	2.20	\$20,018.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	183	18.15	\$879.98
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16855	174	20.26	\$832.00
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13327	222	13.25	\$1,005.98
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19362	147	15.13	\$1,280.00
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	118	11.27	\$1,901.34
[Dual CPU] Intel Xeon Silver 4208 @ 2.10GHz	17904	164	19.77	\$905.50
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	137	19.96	\$1,002.00*
[Dual CPU] Intel Xeon Silver 4210 @ 2.20GHz	20974	121	18.90	\$1,110.00
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz	24097	89	15.05	\$1,600.80
[Dual CPU] Intel Xeon Silver 4216 @ 2.10GHz	26171	74	11.80	\$2,217.90*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10019	289	72.61	\$137.98*
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10243	282	62.46	\$163.98
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	278	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	432	33.26	\$143.04
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	433	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	429	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5725	402	9.24	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6194	392	39.71	\$155.98*

[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7433	358	61.98	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7793	343	39.05	\$199.56*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8051	337	21.30	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7769	346	17.26	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8159	333	40.80	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8653	320	3.11	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8731	316	14.32	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	8993	309	132.29	\$67.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9268	303	19.31	\$479.90*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9563	298	239.91	\$39.86*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11227	257	59.67	\$188.16
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11640	250	166.33	\$69.98*
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10265	279	220.00	\$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12069	241	181.33	\$66.56
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10321	277	114.70	\$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12398	235	135.11	\$91.76
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11147	260	200.05	\$55.72*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13428	219	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13343	221	96.28	\$138.58
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11731	249	100.26	\$117.00
	Passmark CPU	Rank	CPU Value	Price
CPU Name	Mark	(lower is	(higher is	(USD)
	(higher is	better)	better)	
	better)			
[Dual CPU] Intel Xeon X5690 @	13603	216	62.98	\$216.00

3.47GHz				
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	325	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	379	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	317	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7542 @ 2.67GHz	8972	310	13.70	\$654.72
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	290	18.95	\$524.28
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11230	256	27.02	\$415.58
[Dual CPU] Quad-Core AMD Opteron 2352	4171	442	46.34	\$90.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	424	11.46	\$440.02*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	440	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	439	33.66	\$130.00
[Dual CPU] Quad-Core AMD Opteron 8378	5382	413	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	372	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	404	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	398	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	330	NA	NA
[Quad CPU] AMD Opteron 6136	9767	292	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	323	33.05	\$260.00
[Quad CPU] AMD Opteron 6272	12292	236	43.91	\$279.96
[Quad CPU] AMD Opteron 6274	10488	272	58.28	\$179.96
[Quad CPU] AMD Opteron 6276	15342	190	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	242	24.31	\$495.80
[Quad CPU] AMD Opteron 6282 SE	11044	261	4.31	\$2,560.00
[Quad CPU] AMD Opteron 6376	13257	223	50.99	\$260.00
[Quad CPU] AMD Opteron 6378	20859	124	27.45	\$760.00
[Quad CPU] AMD Opteron 6380	12553	229	53.19	\$236.00
[Quad CPU] AMD Opteron 8360 SE	6490	381	77.26	\$84.00*

[Quad CPU] AMD Opteron 8381 HE	6097	394	NA	NA
[Quad CPU] AMD Opteron 8382	8553	324	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	359	NA	NA
[Quad CPU] AMD Opteron 8431	8252	332	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	366	24.65	\$288.00*
[Quad CPU] AMD Opteron 8439 SE	8943	312	37.26	\$240.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	494	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	455	NA	NA
[Quad CPU] Intel Xeon E5-4603 v2 @ 2.20GHz	14395	203	6.53	\$2,204.00*
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	173	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	14669	197	27.32	\$536.84*
[Quad CPU] Intel Xeon E5-4620 v2 @ 2.60GHz	13628	213	42.59	\$319.96*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	82	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4640 @ 2.40GHz	19643	139	1.80	\$10,920.00*
[Quad CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	20036	136	18.41	\$1,088.16*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	17127	170	61.18	\$279.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	73	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650L @ 2.60GHz	18557	156	62.71	\$295.92*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	43	2.14	\$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	133	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4830 @ 2.13GHz	13606	215	2.02	\$6,741.76
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	182	NA	NA
	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	28	1.39	\$24,800.00*

[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	60	59.70	\$478.56
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	39	NA	NA
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	36830	21	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	14596	199	1.91	\$7,635.52
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17398	168	1.54	\$11,309.44
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15793	187	1.25	\$12,613.80
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	228	2.92	\$4,352.92
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	18000	162	0.90	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	6081	395	17.89	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	347	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	284	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	296	9.99	\$958.52*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	306	8.28	\$1,092.04
[Quad CPU] Intel Xeon E7540 @ 2.00GHz	7945	340	124.37	\$63.88*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	75	5.15	\$5,079.96
[Quad CPU] Intel Xeon Gold 6140 @ 2.30GHz	43682	7	3.81	\$11,455.00
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	27	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	10	2.68	\$15,199.96
[Quad CPU] Intel Xeon Gold 6248 @ 2.50GHz	41863	8	3.17	\$13,199.96
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	293	NA	NA
[Quad CPU] Intel Xeon L7555 @ 1.87GHz	10406	275	8.51	\$1,222.48
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	4	1.10	\$40,060.00*
[Quad CPU] Intel Xeon Platinum	48904	2	NA	NA

8180M @ 2.50GHz

<u>[Quad CPU] Intel Xeon X7350 @ 2.93GHz</u>	9542	299	<u>66.28</u>	<u>\$143.96*</u>
<u>[Quad CPU] Intel Xeon X7460 @ 2.66GHz</u>	12029	243	<u>4.24</u>	<u>\$2,835.80*</u>
<u>[Quad CPU] Intel Xeon X7542 @ 2.67GHz</u>	8636	321	<u>6.60</u>	<u>\$1,309.44</u>
<u>[Quad CPU] Intel Xeon X7550 @ 2.00GHz</u>	11498	251	<u>10.97</u>	<u>\$1,048.56</u>
<u>[Quad CPU] Intel Xeon X7560 @ 2.27GHz</u>	12448	231	<u>14.98</u>	<u>\$831.16</u>
<u>[Quad CPU] Quad-Core AMD Opteron 8356</u>	7170	363	<u>27.58</u>	<u>\$260.00</u>

* - *Last price seen from our affiliates.*