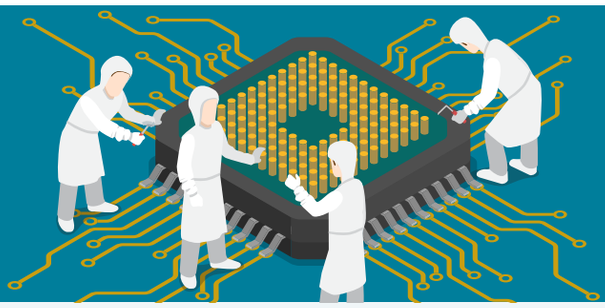
CPU Benchmarks

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.

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Single CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Threadripper 3990X	52004	1	13.03	$3,989.99
AMD Ryzen Threadripper 3970X	48328	2	24.78	$1,949.99
AMD EPYC 7742	47365	3	6.30	$7,522.99
AMD Ryzen Threadripper 3960X	46308	4	33.08	$1,399.99
AMD EPYC 7702P	46067	5	9.63	$4,783.99
AMD EPYC 7452	38257	6	17.41	$2,196.99
AMD Ryzen 9 3950X	35718	7	47.69	$749.00
Intel Xeon W-3275M @ 2.50GHz	34638	8	4.65	$7,453.00*
Intel Xeon W-3175X @ 3.10GHz	33538	9	10.78	$3,110.31*
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	31950	12	67.98	$469.99
Intel Xeon Platinum 8268 @ 2.90GHz	31689	13	5.28	$6,005.98*
AMD Ryzen 9 3900	31026	14	NA	NA
AMD EPYC 7302P	30994	15	32.66	$949.10*
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	29680	18	12.32	$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*

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Intel Core i9-9960X @ 3.10GHz	28336	24	17.60	$1,609.99
AMD EPYC 7402P	28291	25	20.83	$1,357.99
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	7.63	$3,631.44
Intel Core i9-7980XE @ 2.60GHz	27674	29	17.64	$1,569.00
AMD EPYC 7502P	27437	30	9.57	$2,866.99
Intel Core i9-10920X @ 3.50GHz	26887	31	13.38	$2,008.95
Intel Xeon Platinum 8124M @ 3.00GHz	26835	32	NA	NA
Intel Core i9-9940X @ 3.30GHz	26834	33	23.34	$1,149.78
Intel Xeon Gold 6143 @ 2.80GHz	26128	34	NA	NA
Intel Core i9-7960X @ 2.80GHz	26063	35	19.31	$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	25236	43	36.74	$686.99
Intel Core i9-9920X @ 3.50GHz	25222	44	23.79	$1,059.99
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	$1,935.22
AMD Ryzen 7 3800X	24489	49	72.03	$339.99
Intel Xeon W-2195 @ 2.30GHz	24481	50	9.08	$2,697.17
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 Core i9-10900X @ 3.70GHz	24014	53	26.68	$899.99
Intel Xeon Gold 6140 @ 2.30GHz	23964	54	8.37	$2,863.75
Intel Xeon Gold 6132 @ 2.60GHz	23907	55	10.87	$2,199.90*
AMD Ryzen 7 3700X	23838	56	74.74	$318.95
Intel Xeon Gold 6152 @ 2.10GHz	23498	57	6.18	$3,799.99
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	58	3.95	$5,929.90
Intel Core i9-7920X @ 2.90GHz	23323	59	23.35	$999.00
AMD Ryzen Threadripper 2990WX	23180	60	15.80	$1,467.35
Intel Core i9-9900X @ 3.50GHz	22957	61	22.82	$1,006.00
Intel Xeon E5-2699A v4 @ 2.40GHz	22948	62	4.65	$4,938.00*
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	63	NA	NA

Intel Xeon E5-2699 v3 @ 2.30GHz	22340	64	18.48	$1,208.99*
Intel Xeon E5-2696 v3 @ 2.30GHz	22172	65	8.88	$2,498.00*
AMD EPYC 7371	22071	66	14.24	$1,550.00*
AMD Ryzen Threadripper 2920X	21949	67	54.87	$400.00
AMD Ryzen Threadripper 1950X	21939	68	44.77	$489.99*
AMD Ryzen Threadripper 2970WX	21927	69	23.09	$949.50
Intel Xeon W-2155 @ 3.30GHz	21894	70	14.31	$1,530.39*
Intel Core i9-7900X @ 3.30GHz	21873	71	19.51	$1,121.25
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	72	6.02	$3,629.59*
AMD Ryzen 5 PRO 3600	21586	73	NA	NA
Intel Core i9-9900KS @ 4.00GHz	21462	74	33.02	$649.99*
Intel Xeon E5-2697 v4 @ 2.30GHz	21435	75	7.66	$2,798.95
Intel Xeon W-2150B @ 3.00GHz	21434	76	NA	NA
Intel Xeon E5-2697 v3 @ 2.60GHz	21386	77	35.06	$609.99
Intel Xeon E5-2673 v4 @ 2.30GHz	21300	78	NA	NA
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	79	7.05	$3,009.95*
Intel Xeon E5-2690 v4 @ 2.60GHz	21167	80	9.75	$2,169.99*
Intel Core i9-9820X @ 3.30GHz	21070	81	36.97	$569.99
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	82	28.47	$739.00
Intel Xeon Gold 6136 @ 3.00GHz	21034	83	7.92	$2,654.82*
AMD EPYC 7571	20858	84	NA	NA
AMD EPYC 7262	20691	85	31.64	$653.99
Intel Xeon Gold 5218 @ 2.30GHz	20622	86	15.68	$1,315.42
AMD Ryzen 5 3600X	20498	87	98.48	$208.15
Intel Core i7-7900X @ 3.30GHz	20474	88	NA	NA
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	89	NA	NA
Intel Xeon Gold 6137 @ 3.90GHz	20413	90	NA	NA
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	91	3.49	$5,808.00*
Intel Core i9-9900KF @ 3.60GHz	20251	92	36.13	$560.49
AMD EPYC 7401P	20221	93	23.49	$860.77
Intel Core i9-9900K @ 3.60GHz	20194	94	38.47	$524.99
AMD Ryzen Threadripper 1920X	20144	95	81.26	$247.89
Intel Core i7-6950X @ 3.00GHz	19918	96	11.51	$1,730.00
Intel Xeon E5-2687W v4 @ 3.00GHz	19888	97	9.14	$2,174.99*
AMD Ryzen 5 3600	19867	98	107.98	$183.99
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	99	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Xeon E5-2680 v4 @ 2.40GHz	19783	100	13.11	$1,509.00*
Intel Core i7-9800X @ 3.80GHz	19769	101	24.41	$809.95
Intel Xeon E5-2689 v4 @ 3.10GHz	19744	102	NA	NA
Intel Xeon D-2187NT @ 2.00GHz	19741	103	9.93	$1,989.00*
Intel Xeon Gold 6126 @ 2.60GHz	19711	104	10.43	$1,889.97*

Intel Xeon E5-2695 v3 @ 2.30GHz	19710	105	40.31	$489.00
Intel Xeon Gold 6144 @ 3.50GHz	19667	106	6.15	$3,196.68
Intel Xeon E-2288G @ 3.70GHz	19665	107	36.49	$539.00*
Intel Xeon Gold 6130 @ 2.10GHz	19643	108	10.45	$1,880.45
Intel Xeon E5-4669 v3 @ 2.10GHz	19615	109	3.63	$5,400.00*
Intel Xeon W-2145 @ 3.70GHz	19607	110	16.59	$1,182.25*
Intel Xeon Silver 4216 @ 2.10GHz	19538	111	17.62	$1,108.95
Intel Xeon D-2183IT @ 2.20GHz	19381	112	10.99	$1,764.00*
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	113	NA	NA
AMD Ryzen Threadripper 2990X	19227	114	NA	NA
AMD EPYC 7501	18942	115	5.80	$3,264.58*
Intel Xeon E5-2690 v3 @ 2.60GHz	18928	116	84.12	$225.00
Intel Xeon E5-2683 v4 @ 2.10GHz	18863	117	8.54	$2,208.93*
Intel Xeon W-2140B @ 3.20GHz	18620	118	NA	NA
Intel Core i9-9900 @ 3.10GHz	18591	119	33.72	$551.31
Intel Core i7-7820X @ 3.60GHz	18511	120	21.04	$879.99
AMD EPYC 7551	18483	121	2.76	$6,696.00
Intel Xeon E5-2680 v3 @ 2.50GHz	18471	122	97.22	$189.99
AMD EPYC 7551P	18443	123	13.03	$1,414.96
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	124	NA	NA
Intel Xeon Gold 6134 @ 3.20GHz	18206	125	7.96	$2,286.99
Intel Xeon E-2286M @ 2.40GHz	18159	126	29.15	$623.00*
Intel Xeon Gold 5120T @ 2.20GHz	18145	127	10.51	$1,727.00*
AMD EPYC 7351	18081	128	25.12	$719.67
Intel Xeon E5-2687W v3 @ 3.10GHz	17804	129	29.24	$608.99*
Intel Xeon E-2278G @ 3.40GHz	17670	130	35.77	$494.00*
Intel Xeon Gold 5120 @ 2.20GHz	17625	131	11.29	$1,561.00*
Intel Xeon E5-2676 v3 @ 2.40GHz	17608	132	NA	NA
Intel Core i7-6900K @ 3.20GHz	17578	133	23.92	$735.00
Intel Xeon Silver 4214 @ 2.20GHz	17532	134	21.21	$826.48
Intel Core i9-9980HK @ 2.40GHz	17415	135	29.87	$583.00*
Intel Xeon E5-2683 v3 @ 2.00GHz	17346	136	42.41	$408.99
Intel Xeon E5-2658 v4 @ 2.30GHz	17275	137	NA	NA
Intel Core i7-9700K @ 3.60GHz	17202	138	42.08	$408.81
Intel Xeon E5-2697 v2 @ 2.70GHz	17189	139	62.06	$276.99
AMD Ryzen 7 PRO 2700X	17128	140	NA	NA
Intel Xeon E5-1680 v4 @ 3.40GHz	17063	141	NA	NA
Intel Xeon E5-2678 v3 @ 2.50GHz	17040	142	NA	NA
AMD Ryzen 7 2700X	16925	143	99.57	$169.99
Intel Core i7-9700KF @ 3.60GHz	16905	144	46.96	$359.99*
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	145	11.82	$1,428.29

Intel Xeon E5-2670 v3 @ 2.30GHz	16808	146	108.45	$154.99
Intel Xeon E5-2660 v3 @ 2.60GHz	16751	147	58.57	$286.00
Intel Core i7-8086K @ 4.00GHz	16687	148	30.18	$552.96*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Xeon Gold 5117 @ 2.00GHz	16672	149	NA	NA
Intel Xeon E-2286G @ 4.00GHz	16671	150	37.05	$450.00*
Intel Xeon E5-2667 v4 @ 3.20GHz	16631	151	6.76	$2,459.95
Intel Core i7-9700F @ 3.00GHz	16436	152	40.44	$406.47
Intel Xeon Gold 5118 @ 2.30GHz	16435	153	14.96	$1,099.00*
Intel Xeon E5-2673 v3 @ 2.40GHz	16412	154	23.45	$700.00*
Intel Xeon E5-4667 v3 @ 2.00GHz	16388	155	2.86	$5,729.00*
Intel Xeon E5-1680 v3 @ 3.20GHz	16384	156	27.31	$599.99
Intel Xeon E5-2690 v2 @ 3.00GHz	16367	157	75.80	$215.93*
Intel Core i9-9880H @ 2.30GHz	16319	158	29.35	$556.00*
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 Xeon E5-2687W v2 @ 3.40GHz	16271	161	48.57	$335.00*
Intel Xeon E5-1660 v4 @ 3.20GHz	16208	163	13.18	$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16208	162	NA	NA
AMD Ryzen Threadripper 1900X	16050	164	57.35	$279.87
Intel Xeon E5-2667 v2 @ 3.30GHz	16042	165	84.44	$189.99
Intel Xeon E5-2695 v2 @ 2.40GHz	16041	166	61.94	$258.99
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	167	NA	NA
Intel Xeon E5-2667 v3 @ 3.20GHz	16001	168	48.49	$329.99
Intel Core i7-5960X @ 3.00GHz	15983	169	18.77	$851.31
Intel Xeon E-2246G @ 3.60GHz	15961	170	51.32	$311.00*
Intel Core i7-9700 @ 3.00GHz	15945	171	36.91	$431.99
Intel Core i7-8700K @ 3.70GHz	15936	172	34.77	$458.36
AMD Ryzen 5 3500X	15927	173	NA	NA
Intel Xeon D-2166NT @ 2.00GHz	15922	174	15.84	$1,005.00*
Intel Xeon E5-2696 v2 @ 2.50GHz	15905	175	NA	NA
Intel Xeon Silver 4210 @ 2.20GHz	15898	176	25.64	$619.95
Intel Xeon E5-2680 v2 @ 2.80GHz	15882	177	91.31	$173.93
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	178	3.30	$4,800.00*
Intel Xeon E-2186G @ 3.80GHz	15838	179	30.17	$524.99*
AMD EPYC 7451	15760	180	14.20	$1,109.99
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	34.88	$446.70

AMD Ryzen 7 1800X	15544	187	72.50	$214.40
Intel Xeon E5-4627 v4 @ 2.60GHz	15536	188	6.98	$2,225.00*
Intel Xeon E5-4657L v2 @ 2.40GHz	15531	189	11.10	$1,399.00*
Intel Xeon Silver 4116 @ 2.10GHz	15509	190	14.86	$1,043.47
Intel Xeon E5-2640 v4 @ 2.40GHz	15420	191	15.53	$992.99
AMD Ryzen 7 PRO 1700X	15324	192	NA	NA
Intel Core i9-9900T @ 2.10GHz	15316	193	34.89	$439.00*
Intel Xeon Silver 4215 @ 2.50GHz	15200	194	15.89	$956.57*
Intel Xeon Silver 4123 @ 3.00GHz	15185	195	NA	NA
Intel Core i7-8700 @ 3.20GHz	15137	197	36.84	$410.90
Intel Xeon E5-2675 v3 @ 1.80GHz	15137	196	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Ryzen 7 PRO 2700	15070	198	NA	NA
AMD Ryzen 7 2700	15054	199	100.37	$149.99
Intel Xeon E5-2670 v2 @ 2.50GHz	15026	200	61.84	$243.00
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	201	NA	NA
AMD EPYC 7301	14978	202	23.41	$639.98
Intel Core i7-8700B @ 3.20GHz	14963	203	49.39	$303.00*
Intel Xeon Gold 6128 @ 3.40GHz	14961	204	8.70	$1,719.99
Intel Xeon E-2276G @ 3.80GHz	14946	205	41.29	$362.00*
AMD EPYC 7351P	14887	206	11.25	$1,323.00
Intel Xeon E5-2650 v3 @ 2.30GHz	14880	207	148.82	$99.99
AMD Ryzen 7 1700X	14813	208	51.62	$286.99
AMD Ryzen 5 3500	14774	209	NA	NA
Intel Xeon E5-1660 v3 @ 3.00GHz	14693	210	35.93	$408.95*
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	211	NA	NA
Intel Core i7-7800X @ 3.50GHz	14660	212	28.75	$509.99*
Intel Xeon E5-4627 v3 @ 2.60GHz	14615	213	6.09	$2,400.00*
Intel Core i7-9750HF @ 2.60GHz	14598	214	36.96	$395.00*
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	215	18.71	$779.00*
Intel Xeon E-2276M @ 2.80GHz	14548	216	32.33	$450.00*
Intel Xeon D-1567 @ 2.10GHz	14482	217	NA	NA
Intel Xeon E-2186M @ 2.90GHz	14448	218	23.19	$623.00*
Intel Xeon W-2133 @ 3.60GHz	14401	219	23.34	$617.00*
Intel Core i7-6850K @ 3.60GHz	14359	220	33.79	$425.00
AMD Ryzen 5 2600X	14355	221	102.54	$139.99
Intel Xeon Silver 4114 @ 2.20GHz	14333	222	21.54	$665.50
Intel Xeon E5-2687W @ 3.10GHz	14323	223	25.13	$569.95
Intel Xeon E5-1650 v4 @ 3.60GHz	14199	224	27.95	$508.00*
Intel Core i9-8950HK @ 2.90GHz	14134	225	24.24	$583.00*
AMD Ryzen 7 PRO 1700	14112	226	NA	NA

Intel Xeon E5-2650L v4 @ 1.70GHz	14093	227	26.10	$539.99
Intel Xeon D-1587 @ 1.70GHz	14049	228	NA	NA
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	229	NA	NA
Intel Xeon E5-2643 v3 @ 3.40GHz	13945	230	55.78	$250.00*
AMD Ryzen 7 1700	13937	231	67.99	$204.99
AMD Ryzen 5 PRO 2600	13927	232	NA	NA
Intel Xeon E5-1660 v2 @ 3.70GHz	13919	233	49.36	$281.99*
Intel Xeon E-2278GEL @ 2.00GHz	13914	234	28.17	$494.00*
Intel Xeon E5-2640 v3 @ 2.60GHz	13897	235	160.85	$86.40
Intel Xeon E5-2630 v4 @ 2.20GHz	13877	236	22.83	$608.00
Intel Xeon D-2143IT @ 2.20GHz	13816	237	24.41	$566.00*
Intel Core i7-4960X @ 3.60GHz	13801	238	17.92	$769.99*
Intel Xeon E5-2690 @ 2.90GHz	13746	239	176.57	$77.85
Intel Xeon E5-2658 v2 @ 2.40GHz	13667	240	75.93	$179.99*
Intel Core i7-5930K @ 3.50GHz	13658	241	44.20	$309.00*
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	242	NA	NA
Intel Xeon E-2126G @ 3.30GHz	13650	243	45.50	$299.99*
Intel Xeon E5-1650 v3 @ 3.50GHz	13629	244	104.85	$129.99
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	245	NA	NA
Intel Core i7-6800K @ 3.40GHz	13565	246	35.79	$379.00
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i7-9750H @ 2.60GHz	13556	247	34.32	$395.00*
Intel Xeon E-2176M @ 2.70GHz	13547	248	30.11	$450.00*
Intel Core i5-9600K @ 3.70GHz	13531	249	54.13	$249.99
AMD Ryzen 5 2600	13498	250	112.49	$119.99
Intel Core i7-9850H @ 2.60GHz	13478	251	34.12	$395.00*
Intel Xeon E5-2643 v4 @ 3.40GHz	13475	252	7.48	$1,801.96*
Intel Core i5-9600 @ 3.10GHz	13432	253	59.96	$224.00*
AMD Ryzen 7 2700E	13410	254	NA	NA
Intel Core i5-9600KF @ 3.70GHz	13390	255	63.77	$209.99*
Intel Core i7-9700T @ 2.00GHz	13384	256	41.44	$323.00*
Intel Xeon E5-2650L v3 @ 1.80GHz	13341	257	57.45	$232.22*
Intel Xeon E5-2689 @ 2.60GHz	13299	258	NA	NA
Intel Xeon E-2226G @ 3.40GHz	13244	259	50.94	$260.00*
Intel Xeon E5-2650 v2 @ 2.60GHz	13235	260	71.48	$185.18
Intel Xeon E5-2643 v2 @ 3.50GHz	13210	261	110.10	$119.99
AMD Ryzen 5 1600X	13203	262	94.33	$139.98
Intel Xeon E5-2660 v2 @ 2.20GHz	13171	263	94.76	$139.00
Intel Xeon Silver 4208 @ 2.10GHz	13116	264	14.43	$908.95
Intel Core i5-9500F @ 3.00GHz	13104	265	64.87	$202.00*
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	266	9.61	$1,364.00*
Intel Core i7-4930K @ 3.40GHz	13026	267	16.28	$799.97*

Intel Core i7-5820K @ 3.30GHz	13005	268	55.34	$235.00
Intel Core i7-8850H @ 2.60GHz	12925	269	32.72	$395.00*
Intel Xeon E5-2680 @ 2.70GHz	12879	270	163.03	$79.00
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	271	NA	NA
Intel Xeon D-2141I @ 2.20GHz	12836	272	23.13	$555.00*
Intel Xeon E5-2630 v3 @ 2.40GHz	12804	273	128.05	$100.00
Intel Core i7-10710U @ 1.10GHz	12789	274	19.86	$644.00
Intel Xeon E-2244G @ 3.80GHz	12782	275	46.99	$272.00*
Intel Xeon E5-1650 v2 @ 3.50GHz	12757	276	97.38	$131.00*
Intel Core i5-8500B @ 3.00GHz	12756	277	66.44	$192.00*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	278	NA	NA
Intel Core i7-3970X @ 3.50GHz	12691	279	31.73	$399.99
Intel Core i7-9700TE @ 1.80GHz	12688	280	39.28	$323.00*
Intel Core i5-8600K @ 3.60GHz	12682	281	45.63	$277.94
Intel Core i7-8700T @ 2.40GHz	12643	282	20.76	$609.00
Intel Xeon E-2274G @ 4.00GHz	12595	283	37.71	$334.00*
Intel Core i7-3960X @ 3.30GHz	12559	284	15.51	$809.99*
Intel Xeon E5-4627 v2 @ 3.30GHz	12548	285	24.66	$508.95*
Intel Core i5-8600 @ 3.10GHz	12475	286	18.08	$690.12*
Intel Core i7-8750H @ 2.20GHz	12388	287	31.36	$395.00*
Intel Xeon E5-2670 @ 2.60GHz	12377	288	45.17	$273.99
AMD Ryzen 5 1600	12307	289	129.55	$95.00
Intel Xeon W-2125 @ 4.00GHz	12305	290	15.19	$809.95
Intel Xeon E-2174G @ 3.80GHz	12302	291	31.15	$394.99
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	292	NA	NA
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	293	2.66	$4,616.00*
Intel Core i7-8559U @ 2.70GHz	12218	294	17.33	$705.00*
AMD Ryzen 5 PRO 1600	12213	295	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Xeon E5-1660 @ 3.30GHz	12203	296	9.95	$1,226.66*
Intel Core i7-7740X @ 4.30GHz	12193	297	16.05	$759.95
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	298	NA	NA
Intel Xeon E5-4650L @ 2.60GHz	12145	299	164.17	$73.98*
Intel Xeon D-2146NT @ 2.30GHz	12057	300	18.81	$641.00*
Intel Core i5-9400F @ 2.90GHz	12046	301	75.29	$159.99
Intel Core i5-9500 @ 3.00GHz	12036	302	38.83	$309.95
Intel Xeon E3-1285 v6 @ 4.10GHz	12016	303	22.42	$535.94*
Intel Core i7-7700K @ 4.20GHz	11989	304	24.19	$495.71
Intel Xeon E5-2470 v2 @ 2.40GHz	11983	305	38.53	$310.99
Intel Core i7-3930K @ 3.20GHz	11973	306	63.02	$189.99*
Intel Core i5-9400 @ 2.90GHz	11910	307	47.08	$252.95

Intel Core i5-8500 @ 3.00GHz	11827	308	37.58	$314.77
AMD EPYC 7251	11811	309	24.80	$476.26
Intel Xeon E5-2665 @ 2.40GHz	11757	310	114.85	$102.37
Intel Xeon E5-1650 @ 3.20GHz	11735	311	23.71	$495.00*
Intel Core i5-9600T @ 2.30GHz	11706	312	54.96	$213.00*
AMD EPYC 3251	11690	313	37.11	$315.00*
Intel Xeon Silver 4110 @ 2.10GHz	11689	314	28.61	$408.58
Intel Xeon E5-4650 @ 2.70GHz	11685	315	166.96	$69.99*
Intel Core i5-8400 @ 2.80GHz	11561	316	51.13	$226.13
Intel Xeon E-2144G @ 3.60GHz	11532	317	34.09	$338.28*
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	318	7.30	$1,560.86*
Intel Xeon E5-2648L v2 @ 1.90GHz	11381	319	7.70	$1,479.00*
Intel Core i7-9850HL @ 1.90GHz	11340	320	28.71	$395.00*
Intel Xeon @ 2.00GHz	11327	321	NA	NA
Intel Xeon E5-2620 v4 @ 2.10GHz	11316	322	27.67	$409.00
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	323	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11279	324	98.94	$114.00
Intel Core i5-9400H @ 2.50GHz	11191	325	44.77	$250.00*
Intel Xeon E3-1270 v6 @ 3.80GHz	11184	326	31.96	$349.99
Intel Core i7-4790K @ 4.00GHz	11164	327	38.50	$290.00
Intel Core i7-6700K @ 4.00GHz	11108	328	35.56	$312.39*
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	329	NA	NA
Intel Core i5-8600T @ 2.30GHz	11083	330	30.20	$366.99*
Intel Xeon E3-1275 v6 @ 3.80GHz	11045	331	25.57	$431.95
Intel Xeon E3-1280 v6 @ 3.90GHz	11041	332	24.72	$446.69
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	333	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11016	334	NA	NA
Intel Core i7-8809G @ 3.10GHz	10994	335	NA	NA
Intel Xeon E5-2470 @ 2.30GHz	10982	336	110.94	$98.99
Intel Core i5-8259U @ 2.30GHz	10979	337	15.82	$694.16
Intel Xeon E3-1285L v4 @ 3.40GHz	10970	338	NA	NA
Intel Xeon D-1557 @ 1.50GHz	10950	339	15.78	$694.00*
Intel Xeon Silver 4109T @ 2.00GHz	10908	340	21.77	$501.00*
Intel Xeon Gold 5122 @ 3.60GHz	10896	341	8.58	$1,269.99
Intel Xeon E-2134 @ 3.50GHz	10882	342	41.22	$263.99
Intel Core i7-5775R @ 3.30GHz	10879	343	NA	NA
Intel Core i7-5950HQ @ 2.90GHz	10850	344	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i7-5775C @ 3.30GHz	10842	345	15.80	$686.32*
AMD Opteron 6386 SE	10836	346	74.74	$144.99
Intel Xeon E5-4640 @ 2.40GHz	10807	347	3.96	$2,730.00*
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	348	19.42	$556.00*

Intel Core i5-8257U @ 1.40GHz	10767	349	33.65	$320.00*
Intel Xeon D-1540 @ 2.00GHz	10740	350	NA	NA
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	351	NA	NA
Intel Core i7-7700 @ 3.60GHz	10687	352	32.68	$326.99
Intel Xeon D-1548 @ 2.00GHz	10679	353	19.24	$555.00*
Intel Xeon E5-2667 @ 2.90GHz	10677	354	170.29	$62.70
Intel Xeon Silver 4108 @ 1.80GHz	10671	355	24.25	$439.99
Intel Xeon W-2123 @ 3.60GHz	10664	356	32.27	$330.49
Intel Xeon E3-1575M v5 @ 3.00GHz	10628	357	8.81	$1,207.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	10620	358	15.39	$690.01*
Intel Core i5-8279U @ 2.40GHz	10599	359	33.12	$320.00*
Intel Core i5-9500T @ 2.20GHz	10583	360	55.12	$192.00*
Intel Xeon E3-1245 v6 @ 3.70GHz	10567	361	29.18	$362.21
Intel Xeon E3-1535M v6 @ 3.10GHz	10547	362	16.93	$623.00*
Intel Core i3-9350KF @ 4.00GHz	10546	363	58.33	$180.81
Intel Core i7-8706G @ 3.10GHz	10539	364	NA	NA
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	365	4.76	$2,208.95
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	366	NA	NA
Intel Xeon E3-1285 v3 @ 3.60GHz	10503	367	NA	NA
AMD Ryzen 5 PRO 3400G	10498	368	NA	NA
Intel Xeon E3-1240 v6 @ 3.70GHz	10487	369	29.93	$350.34
Intel Core i7-1065G7 @ 1.30GHz	10481	370	NA	NA
Intel Xeon E5-2450 @ 2.10GHz	10478	371	149.72	$69.99
Intel Core i7-8557U @ 1.70GHz	10470	372	24.29	$431.00*
Intel Xeon E5-2630 v2 @ 2.60GHz	10389	373	308.93	$33.63
Intel Core i5-8400H @ 2.50GHz	10379	374	41.52	$250.00*
Intel Xeon E3-1275 v5 @ 3.60GHz	10353	375	27.28	$379.52*
Intel Xeon E3-1240 v5 @ 3.50GHz	10319	376	30.20	$341.67*
AMD Ryzen 5 PRO 3400GE	10309	377	NA	NA
Intel Core i7-4980HQ @ 2.80GHz	10306	378	NA	NA
Intel Xeon E5-1630 v4 @ 3.70GHz	10302	379	NA	NA
Intel Xeon E3-1270 v5 @ 3.60GHz	10295	380	23.62	$435.90
Intel Xeon E3-1545M v5 @ 2.90GHz	10283	381	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10257	382	175.98	$58.29
Intel Xeon E3-1585L v5 @ 3.00GHz	10248	383	23.03	$445.00*
Intel Xeon E3-1276 v3 @ 3.60GHz	10241	384	9.54	$1,073.00*
Intel Xeon E5-1630 v3 @ 3.70GHz	10228	385	21.40	$477.99*
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	386	13.88	$736.16*
Intel Xeon E5-2640 v2 @ 2.00GHz	10213	387	256.83	$39.77*
AMD FX-9590 Eight-Core	10188	388	24.97	$408.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10171	389	29.46	$345.31*

Intel Core i3-9320 @ 3.70GHz	10144	390	62.62	$162.00*
Intel Xeon E5-2637 v3 @ 3.50GHz	10135	391	59.62	$169.99
AMD Ryzen 5 PRO 1500	10133	392	NA	NA
AMD Ryzen 5 1500X	10123	393	67.91	$149.07
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Xeon E3-1271 v3 @ 3.60GHz	10119	394	11.40	$888.00*
Intel Xeon E-2224 @ 3.40GHz	10093	395	50.98	$198.00*
AMD Opteron 6380	10081	396	170.88	$59.00
Intel Core i7-4770K @ 3.50GHz	10072	397	29.12	$345.90
Intel Xeon E3-1275 v3 @ 3.50GHz	10055	398	25.08	$400.99*
Intel Xeon E3-1281 v3 @ 3.70GHz	10031	399	11.43	$877.75*
Intel Xeon E3-1241 v3 @ 3.50GHz	10027	400	27.10	$369.99
Intel Core i3-9300 @ 3.70GHz	10018	401	65.91	$152.00*
Intel Xeon E3-1515M v5 @ 2.80GHz	10016	402	NA	NA
Intel Core i7-6700 @ 3.40GHz	10005	403	35.74	$279.99
Intel Core i7-7920HQ @ 3.10GHz	10005	404	17.61	$568.00*
Intel Core i7-4790 @ 3.60GHz	9992	405	55.52	$179.99
Intel Xeon E5-2620 v3 @ 2.40GHz	9985	406	249.70	$39.99
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	407	12.35	$808.02*
Intel Core i5-8500T @ 2.10GHz	9976	408	42.57	$234.36*
AMD Ryzen 5 3400G	9958	409	67.74	$147.00
Intel Core i7-7820HK @ 2.90GHz	9948	410	26.32	$378.00*
AMD Ryzen 5 PRO 2400G	9934	411	NA	NA
Intel Xeon E3-1270 v3 @ 3.50GHz	9918	412	61.99	$159.99
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	413	11.80	$839.00*
Intel Xeon E5-1620 v4 @ 3.50GHz	9897	414	23.70	$417.55
Intel Xeon E-2124G @ 3.40GHz	9891	415	41.89	$236.13
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	416	135.26	$73.05
Intel Xeon E3-1246 v3 @ 3.50GHz	9871	417	24.14	$409.00*
Intel Xeon E-2224G @ 3.50GHz	9863	418	45.25	$218.00*
Intel Core i7-4960HQ @ 2.60GHz	9856	419	15.82	$623.00*
Intel Core i7-8705G @ 3.10GHz	9853	420	6.99	$1,408.75*
Intel Core i7-4771 @ 3.50GHz	9848	421	56.27	$175.00
Intel Core i5-9300H @ 2.40GHz	9846	422	39.39	$250.00*
Intel Xeon E3-1230 v6 @ 3.50GHz	9843	423	36.46	$269.99
Intel Core i5-1035G7 @ 1.20GHz	9839	424	30.75	$320.00*
Intel Core i7-4770R @ 3.20GHz	9830	425	NA	NA
Intel Core i7-5850EQ @ 2.70GHz	9817	426	22.57	$435.00*
Intel Xeon E3-1280 v3 @ 3.60GHz	9794	427	21.81	$449.00*
Intel Core i7-995X @ 3.60GHz	9791	428	NA	NA
AMD Opteron 6287 SE	9789	429	NA	NA
Intel Core i7-4770 @ 3.40GHz	9780	431	53.91	$181.40

Intel Core i7-8709G @ 3.10GHz	9780	430	NA	NA
Intel Xeon E3-1230 v5 @ 3.40GHz	9774	432	28.62	$341.53*
Intel Xeon E5-1620 v3 @ 3.50GHz	9754	433	76.28	$127.88*
Intel Core i7-4940MX @ 3.10GHz	9749	434	13.73	$709.95
Intel Core i7-4820K @ 3.70GHz	9719	435	44.18	$219.99*
Intel Core i7-6770HQ @ 2.60GHz	9716	436	9.70	$1,001.88*
AMD Ryzen 5 2500X	9704	437	NA	NA
Intel Xeon E3-1240 v3 @ 3.40GHz	9684	438	25.19	$384.40*
Intel Xeon E3-1505M v6 @ 3.00GHz	9679	439	NA	NA
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 Core i5-9400T @ 1.80GHz	9646	442	53.00	$182.00*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Xeon D-1531 @ 2.20GHz	9643	443	27.71	$348.00*
AMD EPYC 3201	9634	444	NA	NA
Intel Xeon E5-2658 @ 2.10GHz	9632	445	6.59	$1,462.00*
Intel Xeon E3-1231 v3 @ 3.40GHz	9630	446	18.89	$509.95
Intel Xeon E3-1245 v3 @ 3.40GHz	9589	447	37.61	$255.00
Intel Core i7-4790S @ 3.20GHz	9561	448	17.35	$551.00*
Intel Xeon E5-4610 @ 2.40GHz	9552	449	7.81	$1,223.00*
Intel Core i7-6920HQ @ 2.90GHz	9547	450	16.81	$568.00*
Intel Core i7-3770K @ 3.50GHz	9512	451	45.30	$209.99
Intel Xeon E5-1620 v2 @ 3.70GHz	9504	452	166.74	$57.00
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	453	12.27	$774.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9479	454	49.90	$189.99
Intel Core i5-8300H @ 2.30GHz	9467	455	37.87	$250.00*
Intel Xeon E3-1280 V2 @ 3.60GHz	9465	456	26.29	$360.00
AMD FX-9370 Eight-Core	9463	457	17.05	$555.00
Intel Core i7-5850HQ @ 2.70GHz	9459	458	21.80	$434.00*
Intel Xeon E-2254ML @ 1.70GHz	9458	459	NA	NA
Intel Core i7-10510U @ 1.80GHz	9444	461	23.09	$409.00*
Intel Core i7-4930MX @ 3.00GHz	9444	460	8.62	$1,096.00*
Intel Core i5-7640X @ 4.00GHz	9440	463	33.71	$280.00
Intel Core i5-8400T @ 1.70GHz	9440	462	49.95	$189.00*
Intel Xeon E3-1275 V2 @ 3.50GHz	9424	464	23.88	$394.72*
Intel Xeon E5-2640 @ 2.50GHz	9412	465	235.38	$39.99
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	466	NA	NA
AMD Opteron 6344	9372	467	24.09	$389.00*
Intel Xeon E-2124 @ 3.30GHz	9363	468	44.59	$209.99
Intel Core i7-4770S @ 3.10GHz	9359	469	52.59	$177.99
Intel Core i7-4870HQ @ 2.50GHz	9352	470	NA	NA

Intel Core i7-4910MQ @ 2.90GHz	9338	471	20.30	$459.95*
Intel Xeon E3-1230 v3 @ 3.30GHz	9331	472	43.40	$215.00
Intel Core i7-7700T @ 2.90GHz	9330	473	24.24	$385.00*
Intel Xeon E3-1535M v5 @ 2.90GHz	9323	474	14.97	$623.00*
AMD Ryzen 5 2400G	9322	475	56.16	$165.99
Intel Xeon E5-4617 @ 2.90GHz	9313	476	103.59	$89.90*
Intel Xeon E5-2637 v2 @ 3.50GHz	9302	477	132.91	$69.99
Intel Xeon E5-2440 v2 @ 1.90GHz	9290	478	62.36	$148.99
Intel Core i7-3770 @ 3.40GHz	9277	479	84.34	$110.00
Intel Core i7-4860HQ @ 2.40GHz	9275	480	NA	NA
Intel Core i7-7820HQ @ 2.90GHz	9258	481	24.49	$378.00*
Intel Xeon E5-4620 @ 2.20GHz	9248	482	68.91	$134.21*
Intel Core i3-8350K @ 4.00GHz	9240	483	46.49	$198.75*
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	484	NA	NA
Intel Xeon E5-2440 @ 2.40GHz	9221	485	230.59	$39.99
AMD Opteron 6376	9212	486	141.72	$65.00
Intel Xeon E3-1265L v3 @ 2.50GHz	9185	487	12.94	$709.95
Intel Core i7-3940XM @ 3.00GHz	9168	488	15.03	$609.95*
Intel Xeon E3-1240 V2 @ 3.40GHz	9159	489	85.61	$106.99
Intel Core i7-7820EQ @ 3.00GHz	9144	490	24.19	$378.00*
Intel Xeon E3-1245 V2 @ 3.40GHz	9126	491	73.61	$123.99
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Opteron 6282 SE	9116	492	14.24	$640.00
Intel Core i7-6820HK @ 2.70GHz	9110	493	24.10	$378.00*
Intel Xeon E5-2630L v2 @ 2.40GHz	9098	494	245.05	$37.13*
AMD Opteron 6378	9094	495	47.87	$190.00
Intel Core i7-4790T @ 2.70GHz	9075	496	25.21	$359.99*
Intel Xeon E5-1620 @ 3.60GHz	9072	497	171.18	$53.00
Intel Xeon E5-2430 v2 @ 2.50GHz	9061	498	110.52	$81.99
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	499	NA	NA
Intel Core i7-4850HQ @ 2.30GHz	9056	500	20.87	$434.00*
AMD FX-8370 Eight-Core	9049	501	36.20	$250.00*
Intel Core i5-7600K @ 3.80GHz	9048	502	25.85	$349.98
Intel Core i7-990X @ 3.47GHz	9041	503	25.83	$349.99*
AMD Ryzen 5 2400GE	9034	504	NA	NA
Intel Core i5-1035G4 @ 1.10GHz	9010	505	29.16	$309.00*
Intel Core i7-6700T @ 2.80GHz	9003	506	23.95	$375.99*
Intel Core i5-8305G @ 2.80GHz	9000	507	NA	NA
Intel Core i7-3820 @ 3.60GHz	8987	508	24.56	$365.99*
Intel Xeon E5-2623 v3 @ 3.00GHz	8987	509	74.27	$121.00
Intel Core i7-3920XM @ 2.90GHz	8983	510	8.20	$1,096.00*
Intel Xeon E3-1505M v5 @ 2.80GHz	8966	511	NA	NA

Intel Core i7-4900MQ @ 2.80GHz	8965	512	15.28	$586.67*
AMD FX-8350 Eight-Core	8960	513	66.68	$134.37
Intel Xeon W3690 @ 3.47GHz	8959	514	45.95	$195.01
Intel Xeon X5679 @ 3.20GHz	8958	515	NA	NA
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	516	6.29	$1,424.00*
Intel Core i7-4770HQ @ 2.20GHz	8950	517	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8909	518	223.07	$39.94*
Intel Core i3-9100F @ 3.60GHz	8905	519	99.11	$89.85
Intel Core i7-3770S @ 3.10GHz	8897	520	65.85	$135.13
Intel Xeon E3-1275L v3 @ 2.70GHz	8896	521	NA	NA
Intel Xeon W3680 @ 3.33GHz	8893	522	81.60	$108.99*
AMD Opteron 6276	8889	523	52.60	$169.00
AMD Ryzen 7 PRO 2700U	8873	524	NA	NA
Intel Xeon E3-1230 V2 @ 3.30GHz	8870	525	113.73	$78.00
Intel Xeon E5-4610 v3 @ 1.70GHz	8853	526	7.26	$1,219.00*
AMD Ryzen 7 3750H	8846	527	NA	NA
Intel Core i7-4760HQ @ 2.10GHz	8793	528	NA	NA
Intel Xeon E5-2420 v2 @ 2.20GHz	8791	529	67.65	$129.95
Intel Core i3-9300T @ 3.20GHz	8777	530	61.38	$143.00*
Intel Xeon X5690 @ 3.47GHz	8775	531	87.77	$99.99
Intel Xeon E3-1290 @ 3.60GHz	8768	532	9.91	$885.00*
Intel Core i7-8565U @ 1.80GHz	8760	533	NA	NA
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	8752	536	NA	NA
Intel Core i7-980X @ 3.33GHz	8739	537	7.87	$1,109.95
Intel Core i7-8665UE @ 1.70GHz	8731	538	21.35	$409.00*
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	539	19.05	$456.54*
Intel Xeon D-1559 @ 1.50GHz	8687	540	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i7-2700K @ 3.50GHz	8683	542	28.94	$300.00*
Intel Core i7-6820EQ @ 2.80GHz	8683	541	NA	NA
Intel Xeon E5-1428L v2 @ 2.20GHz	8679	543	17.57	$494.00*
Intel Core i7-8650U @ 1.90GHz	8678	544	21.17	$409.99
Intel Core i5-1035G1 @ 1.00GHz	8675	545	29.21	$297.00*
Intel Core i7-6700TE @ 2.40GHz	8674	546	NA	NA
Intel Core i3-8300 @ 3.70GHz	8668	547	49.57	$174.89
Intel Core i7-4810MQ @ 2.80GHz	8658	548	45.58	$189.95*
Intel Xeon E5-2623 v4 @ 2.60GHz	8643	549	15.74	$549.00*
Intel Core i3-9100 @ 3.60GHz	8631	550	59.53	$144.99
Intel Xeon E5-2620 v2 @ 2.10GHz	8629	551	76.74	$112.45*

Intel Core i5-7600 @ 3.50GHz	8620	552	22.93	$375.89*
Intel Core i7-8665U @ 1.90GHz	8606	553	21.04	$409.00*
Intel Core i7-4770T @ 2.50GHz	8580	554	21.45	$399.99*
AMD Ryzen Embedded V1756B	8559	555	NA	NA
AMD Ryzen 3 PRO 3200G	8528	556	NA	NA
Intel Core i7-980 @ 3.33GHz	8528	557	42.65	$199.98*
Intel Xeon Silver 4112 @ 2.60GHz	8519	558	16.23	$524.99
AMD Ryzen 5 PRO 3500U	8502	559	NA	NA
Intel Core i3-8100B @ 3.60GHz	8499	560	63.91	$133.00*
AMD Ryzen 7 2800H	8498	561	NA	NA
Intel Core i5-10210U @ 1.60GHz	8487	562	28.58	$297.00*
Intel Xeon E5-2650L @ 1.80GHz	8483	563	113.11	$75.00
Intel Xeon E5-2643 @ 3.30GHz	8452	564	4.06	$2,083.00*
AMD Ryzen 7 PRO 3700U	8448	565	NA	NA
Intel Xeon D-1537 @ 1.70GHz	8445	566	14.79	$571.00*
Intel Xeon D-1539 @ 1.60GHz	8443	567	17.37	$486.00*
Intel Core i7-4800MQ @ 2.70GHz	8442	568	41.38	$204.00*
Intel Core i7-2600K @ 3.40GHz	8429	569	18.40	$458.00
Intel Xeon E3-1280 @ 3.50GHz	8420	570	25.35	$332.20
AMD Ryzen 5 3550H	8417	571	NA	NA
AMD Ryzen 5 PRO 2400GE	8413	572	NA	NA
Intel Core i7-3820QM @ 2.70GHz	8407	573	29.50	$285.00*
AMD Ryzen 5 1400	8375	574	60.70	$137.99
AMD Ryzen 5 2600H	8366	575	NA	NA
AMD Ryzen 3 4300U	8363	576	NA	NA
Intel Xeon X5680 @ 3.33GHz	8356	577	120.61	$69.29
Intel Core i7-970 @ 3.20GHz	8349	578	16.70	$499.95*
Intel Core i7-5700HQ @ 2.70GHz	8348	579	NA	NA
AMD Ryzen 3 2300X	8347	580	43.05	$193.92
Intel Core i7-5675C @ 3.10GHz	8330	581	NA	NA
Intel Core i7-3740QM @ 2.70GHz	8289	582	34.55	$239.95
AMD Ryzen 3 PRO 3200GE	8266	583	NA	NA
Intel Xeon E5-2450L @ 1.80GHz	8261	584	206.53	$40.00
Intel Xeon E3-1270 @ 3.40GHz	8250	585	26.19	$315.00*
Intel Core i7-5700EQ @ 2.60GHz	8239	586	NA	NA
Intel Core i7-8550U @ 1.80GHz	8233	587	NA	NA
Intel Xeon D-1528 @ 1.90GHz	8210	588	NA	NA
Intel Core i7-3770T @ 2.50GHz	8205	589	24.87	$329.99*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i7-4750HQ @ 2.00GHz	8197	590	NA	NA
Intel Core i7-2600 @ 3.40GHz	8178	591	71.12	$114.99
AMD Ryzen 5 PRO 2500U	8165	592	NA	NA

Intel Xeon D-2123IT @ 2.20GHz	8150	593	38.26	$213.00*
AMD Ryzen 7 3780U	8134	594	NA	NA
Intel Core i5-8365U @ 1.60GHz	8128	595	27.37	$297.00*
Intel Core i7-6700HQ @ 2.60GHz	8127	596	21.50	$378.00*
Intel Core i7-3720QM @ 2.60GHz	8125	597	22.38	$363.00*
Intel Core i5-5675C @ 3.10GHz	8123	598	26.21	$309.95*
Intel Core i5-8350U @ 1.70GHz	8119	599	27.34	$297.00*
Intel Xeon E3-1275 @ 3.40GHz	8111	600	26.68	$304.00
AMD Ryzen Embedded V1807B	8101	601	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8093	602	NA	NA
Intel Core i5-6600K @ 3.50GHz	8062	603	36.65	$219.99
AMD FX-8320 Eight-Core	8038	604	58.25	$138.01*
Intel Core i3-8300T @ 3.20GHz	8032	605	47.11	$170.49*
Intel Xeon E3-1245 @ 3.30GHz	8030	606	86.36	$92.99
AMD Ryzen 3 PRO 2200G	8021	607	NA	NA
Intel Xeon W3670 @ 3.20GHz	8016	608	16.03	$499.99*
Intel Core i5-8365UE @ 1.60GHz	8010	609	26.97	$297.00*
Intel Xeon E5-2630L @ 2.00GHz	8004	610	NA	NA
Intel Core i3-8100 @ 3.60GHz	8003	611	66.70	$119.99
AMD Ryzen 3 PRO 1300	7994	612	NA	NA
Intel Core i5-5675R @ 3.10GHz	7991	613	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	7989	614	NA	NA
Intel Core i7-4710MQ @ 2.50GHz	7983	615	29.40	$271.57*
Intel Core i5-8265U @ 1.60GHz	7982	616	26.88	$297.00*
Intel Xeon E3-1240 @ 3.30GHz	7982	617	93.92	$84.99
AMD Ryzen 7 3700U	7972	618	NA	NA
Intel Xeon X5675 @ 3.07GHz	7965	619	173.62	$45.88
Intel Xeon E3-1225 v6 @ 3.30GHz	7958	620	27.95	$284.71
Intel Core i5-7600T @ 2.80GHz	7952	621	28.35	$280.55*
Intel Core i5-7500 @ 3.40GHz	7937	622	39.89	$199.00
AMD Ryzen 5 3580U	7911	623	NA	NA
Intel Core i7-4860EQ @ 1.80GHz	7900	624	NA	NA
Intel Xeon E5-2620 @ 2.00GHz	7898	625	447.53	$17.65
Intel Xeon E3-1505L v6 @ 2.20GHz	7887	626	NA	NA
AMD FX-8370E Eight-Core	7871	627	24.59	$320.09
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	628	17.82	$441.00*
Intel Xeon E3-1230 @ 3.20GHz	7852	629	84.45	$92.99
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	630	NA	NA
Intel Xeon E5-2430L @ 2.00GHz	7834	631	242.71	$32.28*
Intel Xeon E3-1225 v5 @ 3.30GHz	7829	632	22.65	$345.73
AMD Opteron 6328	7826	633	21.80	$359.00

Intel Core i5-4690K @ 3.50GHz	7799	634	49.05	$159.00
AMD Ryzen 3 3200G	7796	635	82.07	$94.99
Intel Xeon X5670 @ 2.93GHz	7795	636	234.25	$33.28
Intel Core i5-6600 @ 3.30GHz	7784	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	7778	639	64.83	$119.99*
Intel Xeon E3-1220 v5 @ 3.00GHz	7768	640	29.16	$266.46*
Intel Xeon E3-1235 @ 3.20GHz	7759	641	31.80	$244.00*
Intel Xeon E3-1240L v5 @ 2.10GHz	7746	642	27.87	$278.00*
AMD Ryzen 5 3500U	7745	643	NA	NA
Intel Xeon E3-1220 v6 @ 3.00GHz	7739	644	33.38	$231.90
Intel Core i7-4700HQ @ 2.40GHz	7736	645	20.20	$383.00*
Intel Xeon E-2104G @ 3.20GHz	7735	646	40.08	$193.00*
AMD FX-8310 Eight-Core	7731	647	NA	NA
Intel Core i7-4710HQ @ 2.50GHz	7722	648	20.43	$378.00*
Intel Core i5-4690 @ 3.50GHz	7698	649	32.36	$237.88
Intel Xeon E5-2430 @ 2.20GHz	7695	650	25.23	$304.99*
Intel Core i7-4700MQ @ 2.40GHz	7685	651	40.66	$189.00*
AMD Opteron 6238	7673	652	21.32	$359.89*
AMD FX-8150 Eight-Core	7656	653	5.30	$1,443.99
Intel Core i7-4785T @ 2.20GHz	7646	654	NA	NA
Intel Core i3-9100T @ 3.10GHz	7641	655	62.64	$122.00*
Intel Core i5-4670K @ 3.40GHz	7638	657	18.63	$409.95
Intel Core i5-8250U @ 1.60GHz	7638	656	NA	NA
Intel Core i5-7440HQ @ 2.80GHz	7625	658	NA	NA
Intel Xeon E3-1226 v3 @ 3.30GHz	7599	659	12.77	$595.00*
AMD FX-8320E Eight-Core	7585	660	31.71	$239.24
Intel Core i7-3630QM @ 2.40GHz	7582	661	31.73	$239.00*
AMD Ryzen 3 1300X	7557	662	52.35	$144.38
Intel Xeon X5660 @ 2.80GHz	7534	663	215.33	$34.99*
Intel Core i7-4712HQ @ 2.30GHz	7530	664	NA	NA
AMD Opteron 6366 HE	7503	665	250.19	$29.99*
Intel Xeon E3-1240L v3 @ 2.00GHz	7486	666	NA	NA
Intel Core i5-4670 @ 3.40GHz	7485	667	68.67	$109.00
Intel Core i5-5575R @ 2.80GHz	7484	668	NA	NA
Intel Core i5-4690S @ 3.20GHz	7470	669	20.80	$359.21*
AMD Ryzen 3 PRO 2200GE	7460	670	NA	NA
Intel Core i7-3615QE @ 2.30GHz	7458	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	7424	675	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	676	26.88	$276.00*
Intel Xeon W-2104 @ 3.20GHz	7418	677	29.09	$255.00*
Intel Core i7-4702HQ @ 2.20GHz	7417	678	NA	NA
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 i5-10210Y @ 1.00GHz	7372	683	NA	NA
Intel Xeon E3-1205 v6 @ 3.00GHz	7360	684	38.14	$193.00*
Intel Core i5-4590 @ 3.30GHz	7356	685	63.97	$115.00
AMD Ryzen 3 2200G	7331	686	86.27	$84.99
AMD Ryzen 5 2500U	7326	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 Core i3-8100T @ 3.10GHz	7271	690	56.37	$129.00*
Intel Xeon E5-1607 v4 @ 3.10GHz	7270	691	NA	NA
Intel Xeon X5650 @ 2.67GHz	7267	692	72.71	$99.95
Intel Xeon E5-1410 @ 2.80GHz	7265	693	161.50	$44.99*
Intel Xeon E3-1225 v3 @ 3.20GHz	7256	694	53.36	$135.99
Intel Core i5-6500 @ 3.20GHz	7252	695	41.92	$172.99
Intel Core i5-7400 @ 3.00GHz	7240	696	35.15	$206.00
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	7195	700	NA	NA
Intel Core i5-3570K @ 3.40GHz	7191	701	22.14	$324.87
Intel Xeon E3-1220 v3 @ 3.10GHz	7166	702	53.09	$134.99
Intel Core i5-4570 @ 3.20GHz	7161	703	80.48	$88.99
Intel Core i5-3570 @ 3.40GHz	7145	704	79.40	$90.00
Intel Core i7-4702MQ @ 2.20GHz	7134	705	32.66	$218.45*
Intel Core i5-4590S @ 3.00GHz	7095	706	27.79	$255.28
Intel Core i5-6402P @ 2.80GHz	7095	707	37.35	$189.99*
Intel Xeon E5-2420 @ 1.90GHz	7092	708	365.42	$19.41*
Intel Core i7-2600S @ 2.80GHz	7087	709	67.42	$105.12
AMD Ryzen 3 PRO 2300U	7036	710	NA	NA
Intel Xeon E5-1607 v3 @ 3.10GHz	7032	711	NA	NA
AMD FX-6350 Six-Core	7024	712	58.50	$120.06*
AMD Ryzen 3 PRO 3300U	7019	713	NA	NA
Intel Core i7-2920XM @ 2.50GHz	7002	714	15.90	$440.44*

Intel Xeon E3-1225 V2 @ 3.20GHz	6992	715	107.59	$64.99
Intel Xeon D-1521 @ 2.40GHz	6980	716	NA	NA
Intel Xeon W-2102 @ 2.90GHz	6977	717	24.31	$286.99*
Intel Core i5-3550 @ 3.30GHz	6970	718	22.48	$309.99*
Intel Xeon X5687 @ 3.60GHz	6960	719	116.01	$60.00*
Intel Core i5-7500T @ 2.70GHz	6955	720	25.76	$269.99*
AMD FX-6330 Six-Core	6954	721	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6950	722	12.85	$541.00*
Intel Xeon Platinum 8151 @ 3.40GHz	6947	723	NA	NA
Intel Core i5-3550S @ 3.00GHz	6925	724	22.90	$302.45*
Intel Core i7-3632QM @ 2.20GHz	6925	725	32.35	$214.05*
Intel Xeon E5-2609 v4 @ 1.70GHz	6925	726	19.25	$359.73*
Intel Xeon Bronze 3106 @ 1.70GHz	6885	727	20.87	$329.99
AMD Ryzen 3 2200GE	6871	728	NA	NA
Intel Xeon L5639 @ 2.13GHz	6869	729	NA	NA
Intel Core i5-4570S @ 2.90GHz	6849	730	35.17	$194.74*
Intel Xeon E5649 @ 2.53GHz	6836	731	65.69	$104.07*
Intel Core i7-3612QM @ 2.10GHz	6823	732	NA	NA
AMD Ryzen 3 1200	6804	733	104.71	$64.99
Intel Core i5-6440HQ @ 2.60GHz	6801	734	NA	NA
AMD Opteron 6220	6785	735	113.11	$59.99*
Intel Core i5-4570R @ 2.70GHz	6776	736	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i7-2840QM @ 2.40GHz	6766	737	NA	NA
AMD Opteron 4386	6761	738	48.30	$139.99*
Intel Xeon E3-1220 V2 @ 3.10GHz	6759	739	125.19	$53.99
Intel Core i5-6400 @ 2.70GHz	6757	740	29.53	$228.83*
Intel Xeon X5677 @ 3.47GHz	6755	741	242.49	$27.86*
Intel Core i5-3570S @ 3.10GHz	6752	742	110.72	$60.99
AMD Opteron 6272	6748	743	96.42	$69.99
Intel Core i5-3470 @ 3.20GHz	6735	744	97.63	$68.99
Intel Core i7-4770TE @ 2.30GHz	6732	745	NA	NA
Intel Core i5-4460 @ 3.20GHz	6730	746	74.79	$89.99
Intel Core i5-7300HQ @ 2.50GHz	6713	747	NA	NA
Intel Core i7-3612QE @ 2.10GHz	6712	748	NA	NA
Intel Xeon E5-2648L @ 1.80GHz	6698	749	NA	NA
AMD Ryzen 3 PRO 1200	6685	750	NA	NA
Intel Core i5-2550K @ 3.40GHz	6680	751	35.16	$190.00*
Intel Core i7-3635QM @ 2.40GHz	6675	752	NA	NA
AMD Opteron 4284	6660	753	111.03	$59.99*
AMD FX-8120 Eight-Core	6647	754	29.85	$222.73*
Intel Core i7-2820QM @ 2.30GHz	6643	755	36.70	$181.02*

Intel Core i7-985 @ 3.47GHz	6641	756	NA	NA
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	757	NA	NA
Intel Core i5-3475S @ 2.90GHz	6609	758	46.06	$143.50*
Intel Core i5-6500TE @ 2.30GHz	6606	759	31.46	$209.99
Intel Core i3-7350K @ 4.20GHz	6593	760	37.47	$175.98
Intel Atom C3958 @ 2.00GHz	6586	761	14.67	$449.00*
Intel Core i7-2760QM @ 2.40GHz	6554	762	31.22	$209.95*
Intel Core i5-4690T @ 2.50GHz	6547	763	NA	NA
Intel Core i7-3610QE @ 2.30GHz	6544	764	NA	NA
Intel Core i5-3450 @ 3.10GHz	6539	765	30.23	$216.34
Intel Core i5-4440 @ 3.10GHz	6520	766	13.12	$497.00*
Intel Core i7-6822EQ @ 2.00GHz	6501	767	NA	NA
Intel Core i5-2500K @ 3.30GHz	6492	768	14.95	$434.26*
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	769	NA	NA
Intel Xeon X5672 @ 3.20GHz	6461	770	143.61	$44.99*
Intel Core i7-7567U @ 3.50GHz	6460	771	8.68	$743.99
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	772	NA	NA
Intel Core i5-4460S @ 2.90GHz	6441	773	9.76	$659.99*
AMD Opteron 4280	6430	774	128.60	$50.00*
Intel Core i5-6440EQ @ 2.70GHz	6424	775	NA	NA
Intel Xeon E5645 @ 2.40GHz	6415	776	78.90	$81.31*
AMD FX-6300 Six-Core	6412	777	30.54	$209.98
Intel Core i5-3470S @ 2.90GHz	6409	778	81.13	$79.00
Intel Core i3-7320 @ 4.10GHz	6406	779	35.06	$182.72*
AMD Opteron 3380	6384	780	7.89	$809.00*
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	781	NA	NA
Intel Core i5-2500 @ 3.30GHz	6357	782	115.60	$55.00
Intel Core i5-7400T @ 2.40GHz	6352	783	30.95	$205.27
Intel Core i5-4430 @ 3.00GHz	6346	784	39.67	$159.99*
Intel Core i5-6500T @ 2.50GHz	6324	785	23.43	$269.95*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i3-7300 @ 4.00GHz	6319	786	39.50	$159.99*
Intel Core i5-4440S @ 2.80GHz	6275	787	13.56	$462.97*
Intel Xeon E3-1220 @ 3.10GHz	6264	788	113.92	$54.99
Intel Core i5-3450S @ 2.80GHz	6240	789	42.17	$147.99*
Intel Xeon E5-1603 v3 @ 2.80GHz	6238	790	62.39	$99.99*
Intel Xeon L5640 @ 2.27GHz	6236	791	74.82	$83.36*
Intel Xeon E5-1607 v2 @ 3.00GHz	6234	792	178.37	$34.95*
AMD FX-6130 Six-Core	6215	793	NA	NA
Intel Xeon X5667 @ 3.07GHz	6200	794	265.78	$23.33*
Intel Xeon E3-1260L @ 2.40GHz	6180	795	107.84	$57.31

Intel Core i5-4670T @ 2.30GHz	6175	796	23.84	$259.02*
AMD Opteron 6174	6171	797	94.94	$65.00
Intel Xeon W3580 @ 3.33GHz	6167	798	28.75	$214.50*
Intel Core i5-3350P @ 3.10GHz	6157	799	41.05	$149.99*
Intel Core i5-2450P @ 3.20GHz	6149	800	68.34	$89.99*
AMD FX-8140 Eight-Core	6133	801	NA	NA
AMD PRO A12-9800	6132	802	36.29	$169.00*
AMD Ryzen 3 2300U	6130	803	NA	NA
Intel Core i5-3340 @ 3.10GHz	6112	804	20.86	$293.01*
Intel Core i7-2720QM @ 2.20GHz	6109	805	32.16	$189.95*
AMD FX-6200 Six-Core	6108	806	17.97	$339.95
Intel Xeon E3-1225 @ 3.10GHz	6105	807	103.51	$58.99
AMD Opteron 4334	6099	808	28.18	$216.42*
Intel Core i7-975 @ 3.33GHz	6096	809	14.87	$409.92*
Intel Core i5-6300HQ @ 2.30GHz	6092	810	NA	NA
Intel Core i3-1005G1 @ 1.20GHz	6090	811	21.67	$281.00*
AMD Opteron 3365	6088	812	NA	NA
Intel Core i3-8109U @ 3.00GHz	6074	813	NA	NA
Intel Xeon W5590 @ 3.33GHz	6070	814	73.15	$82.99*
AMD PRO A12-8870	6067	815	NA	NA
Intel Core i3-6320 @ 3.90GHz	6051	816	14.87	$407.00*
Intel Xeon W3570 @ 3.20GHz	6032	817	12.57	$479.95*
Intel Core i7-7660U @ 2.50GHz	5995	818	NA	NA
Intel Core i5-4430S @ 2.70GHz	5984	819	37.41	$159.99*
Intel Core i5-2400 @ 3.10GHz	5976	820	104.89	$56.98
Intel Xeon E3-1265L @ 2.40GHz	5961	821	6.49	$918.35*
Intel Core i5-3330 @ 3.00GHz	5953	822	29.79	$199.88*
Intel Core i5-6442EQ @ 1.90GHz	5953	823	23.81	$250.00*
Intel Core i5-3570T @ 2.30GHz	5944	824	NA	NA
AMD Opteron 6234	5938	825	198.27	$29.95*
Intel Core i5-7442EQ @ 2.10GHz	5901	827	23.60	$250.00*
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	826	55.66	$106.03*
AMD FX-8100 Eight-Core	5884	828	41.44	$142.00*
Intel Core i7-2670QM @ 2.20GHz	5879	829	42.48	$138.40
Intel Xeon E5-1607 @ 3.00GHz	5875	830	202.62	$29.00
Intel Core i5-7360U @ 2.30GHz	5863	831	NA	NA
Intel Core i5-3340S @ 2.80GHz	5862	832	39.09	$149.99*
AMD PRO A10-8850B	5853	834	NA	NA
AMD Ryzen 3 3300U	5853	833	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i7-965 @ 3.20GHz	5850	835	41.79	$139.99*
Intel Core i3-6300 @ 3.80GHz	5844	836	18.85	$309.99

Intel Xeon W5580 @ 3.20GHz	5836	837	84.59	$68.99*
Intel Xeon X5647 @ 2.93GHz	5797	838	290.91	$19.93*
Intel Core i5-3335S @ 2.70GHz	5795	839	NA	NA
Intel Core i7-960 @ 3.20GHz	5791	840	20.68	$280.00*
Intel Core i5-2320 @ 3.00GHz	5780	841	62.15	$93.00
AMD Opteron 6212	5776	842	192.62	$29.99*
Intel Core i3-7100 @ 3.90GHz	5772	844	40.74	$141.71
Intel Core i7-2710QE @ 2.10GHz	5772	843	NA	NA
Intel Xeon W3565 @ 3.20GHz	5771	845	288.73	$19.99*
Intel Core i7-7560U @ 2.40GHz	5769	846	NA	NA
AMD FX-6120 Six-Core	5766	847	NA	NA
ZHAOXIN KaiXian KX-U6780A@2.7GHz	5760	848	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	849	NA	NA
Intel Core i5-2380P @ 3.10GHz	5738	850	13.33	$430.59*
Intel Pentium Gold G5600F @ 3.90GHz	5736	851	NA	NA
AMD Phenom II X6 1100T	5703	852	32.13	$177.49*
AMD A10-7890K	5701	853	28.51	$199.99*
Intel Xeon Bronze 3104 @ 1.70GHz	5701	854	25.69	$221.91
Intel Core i5-3330S @ 2.70GHz	5684	855	56.84	$100.00
Intel Core i5-7287U @ 3.30GHz	5656	856	NA	NA
Intel Pentium Gold G5620 @ 4.00GHz	5655	857	33.84	$167.13*
Intel Core i5-7260U @ 2.20GHz	5641	858	10.11	$558.00
Intel Core i5-4590T @ 2.00GHz	5636	859	26.85	$209.95*
Intel Xeon X3480 @ 3.07GHz	5629	860	NA	NA
Intel Core i5-6400T @ 2.20GHz	5624	861	21.64	$259.95*
Intel Core i3-10110U @ 2.10GHz	5621	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 A12-9800	5589	868	37.70	$148.24*
AMD PRO A10-9700	5589	869	33.07	$169.00*
Intel Core i7-6567U @ 3.30GHz	5582	870	NA	NA
Intel Xeon E5-1603 @ 2.80GHz	5578	871	279.35	$19.97*
Intel Pentium Gold G5600 @ 3.90GHz	5575	872	51.65	$107.95
AMD Athlon X4 880K	5569	873	55.70	$99.99*
Intel Xeon W3550 @ 3.07GHz	5561	874	185.44	$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	5540	879	39.21	$141.29*
AMD Opteron 3280	5533	880	20.26	$273.18*
Intel Core i7-950 @ 3.07GHz	5533	881	93.78	$59.00
Intel Xeon E5-2603 v4 @ 1.70GHz	5524	882	24.64	$224.20
Intel Core i7-2630QM @ 2.00GHz	5523	883	53.73	$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 i7-880 @ 3.07GHz	5508	885	9.45	$583.00*
Intel Core i3-6100 @ 3.70GHz	5486	886	42.54	$128.99
AMD A10-7870K	5476	887	24.13	$226.99*
AMD PRO A10-8750B	5473	888	NA	NA
Intel Core i3-8145U @ 2.10GHz	5466	889	19.45	$281.00*
AMD A10-7850K APU	5465	892	32.66	$167.33*
AMD A8-8650	5465	890	NA	NA
AMD Opteron 6176 SE	5465	891	34.37	$159.00*
Intel Core i3-4360 @ 3.70GHz	5449	893	21.04	$259.00
AMD Athlon 240GE	5427	894	65.63	$82.70
Intel Core i7-2635QM @ 2.00GHz	5426	895	NA	NA
Intel Core i7-875K @ 2.93GHz	5413	896	15.04	$359.99
AMD Athlon X4 860K	5408	897	40.08	$134.95*
AMD FX-6100 Six-Core	5406	898	20.96	$258.00*
Intel Core i5-2500S @ 2.70GHz	5404	899	82.84	$65.24*
AMD Athlon X4 845	5401	900	101.67	$53.13*
Intel Xeon W3540 @ 2.93GHz	5395	901	270.85	$19.92*
Intel Core i3-6098P @ 3.60GHz	5389	903	40.29	$133.74*
Intel Xeon X5560 @ 2.80GHz	5389	902	158.56	$33.99*
AMD A10-9700	5388	904	61.54	$87.56
AMD A10 PRO-7850B APU	5380	905	NA	NA
Intel Core i5-2300 @ 2.80GHz	5372	906	67.17	$79.99*
Intel Core i3-7300T @ 3.50GHz	5369	907	29.57	$181.59*
Intel Core i7-2715QE @ 2.10GHz	5365	908	NA	NA
AMD Opteron 6164 HE	5351	909	NA	NA
AMD FX-4350 Quad-Core	5344	910	12.43	$430.00
AMD A8-7680	5338	911	88.99	$59.99*
AMD Athlon X4 870K	5335	913	66.70	$79.99*
Intel Xeon X3470 @ 2.93GHz	5335	912	33.36	$159.95*
Intel Core i7-870 @ 2.93GHz	5334	914	59.28	$89.99
AMD Athlon 3000G	5332	915	96.98	$54.99*
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 PRO A8-9600	5277	919	44.35	$119.00*
Intel Xeon X5550 @ 2.67GHz	5270	920	17.29	$304.85*
Intel Pentium Gold G5420 @ 3.80GHz	5267	921	71.20	$73.99
AMD Opteron 6172	5261	922	26.57	$198.00*
Intel Core i3-6300T @ 3.30GHz	5258	923	33.93	$154.99*
Intel Xeon E5640 @ 2.67GHz	5250	924	77.68	$67.60*
Intel Core i3-4340 @ 3.60GHz	5245	925	30.86	$169.99*
AMD Athlon X4 950	5235	926	39.07	$134.00
AMD PRO A8-8650B	5223	927	NA	NA
Intel Pentium G4620 @ 3.70GHz	5215	928	45.89	$113.66*
Intel Xeon W3530 @ 2.80GHz	5212	929	17.73	$293.95*
AMD Athlon 220GE	5209	930	65.39	$79.68
Intel Xeon E5-2418L @ 2.00GHz	5202	931	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5200	932	71.38	$72.85
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Pentium Gold G5500 @ 3.80GHz	5195	933	30.58	$169.90*
Intel Core i3-4170 @ 3.70GHz	5191	934	32.79	$158.31
AMD PRO A12-8870E	5186	935	NA	NA
AMD Ryzen Embedded V1404I	5180	936	NA	NA
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	937	75.07	$69.00*
Intel Xeon E5-2609 v2 @ 2.50GHz	5179	938	29.97	$172.79
AMD FX-4330	5163	939	NA	NA
Intel Core i3-7101TE @ 3.40GHz	5160	940	44.11	$117.00*
Intel Pentium Gold G5420T @ 3.20GHz	5156	941	80.57	$64.00*
Intel Xeon X3460 @ 2.80GHz	5142	942	14.40	$357.00*
Intel Core i5-7300U @ 2.60GHz	5137	943	10.82	$475.00
AMD Athlon PRO 200GE	5133	944	NA	NA
Intel Core i7-930 @ 2.80GHz	5125	945	46.60	$109.99
AMD A10-7700K APU	5118	947	40.79	$125.47*
Intel Core i7-7500U @ 2.70GHz	5118	946	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	948	NA	NA
Intel Core i7-7600U @ 2.80GHz	5111	949	NA	NA
Intel Core i5-7267U @ 3.10GHz	5101	950	NA	NA
AMD A8-7670K	5089	951	31.59	$161.10*
Intel Core i3-4330 @ 3.50GHz	5088	952	12.72	$399.95
Intel Core i5-2405S @ 2.50GHz	5082	953	24.44	$208.00*
AMD Athlon X4 840	5072	954	64.42	$78.74*
AMD Embedded R-Series RX-418GD Radeon R6	5068	956	NA	NA
Intel Pentium G4600 @ 3.60GHz	5068	955	21.13	$239.95
AMD PRO A10-9700E	5066	957	36.45	$139.00*
AMD A8-7600 APU	5058	958	34.42	$146.94*

Intel Core i3-7100T @ 3.40GHz	5055	959	31.22	$161.93
Intel Xeon E5630 @ 2.53GHz	5055	960	144.43	$35.00*
Intel Core i3-4160 @ 3.60GHz	5052	961	56.15	$89.99
AMD Phenom II X6 1405T	5042	962	NA	NA
AMD Ryzen Embedded R1606G	5040	963	NA	NA
AMD A10-7860K	5036	964	28.78	$175.00*
AMD A12-9800E	5031	965	32.46	$154.99*
AMD A10-8750	5030	966	NA	NA
AMD Opteron 4365 EE	5025	967	NA	NA
AMD Phenom II X6 1065T	5024	968	NA	NA
AMD PRO A10-8770E	5023	969	NA	NA
AMD FX-870K Quad Core	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	4999	975	27.47	$182.00
Intel Core i3-8130U @ 2.20GHz	4997	976	17.78	$281.00*
Intel Core i3-4350 @ 3.60GHz	4990	977	29.36	$169.99*
Intel Core i5-4460T @ 1.90GHz	4985	978	NA	NA
Intel Core i7-6650U @ 2.20GHz	4978	979	NA	NA
AMD A10-7800 APU	4974	980	48.12	$103.39*
AMD A8-9600	4963	981	71.54	$69.38
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Phenom II X6 1055T	4961	982	45.50	$109.05
AMD Athlon 200GE	4958	983	69.34	$71.51
Intel Core i7-5557U @ 3.10GHz	4955	984	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	4932	988	NA	NA
Intel Core i5-24050S @ 2.50GHz	4928	989	NA	NA
Intel Core i3-4370T @ 3.30GHz	4924	990	35.68	$138.00*
AMD A8-7650K	4923	991	21.41	$230.00*
Intel Core i7-860S @ 2.53GHz	4919	992	24.60	$199.99*
Intel Core i7-4600M @ 2.90GHz	4915	993	NA	NA
Intel Core i7-920 @ 2.67GHz	4909	994	18.25	$269.00*
Intel Core i3-4150 @ 3.50GHz	4903	995	49.53	$99.00
Intel Core i5-6267U @ 2.90GHz	4891	996	NA	NA
Intel Pentium Gold G5400T @ 3.10GHz	4884	997	76.31	$64.00*
Intel Core i5-4340M @ 2.90GHz	4882	998	NA	NA
AMD FX-4170 Quad-Core	4874	999	48.75	$99.99*

AMD Opteron 6274	4865	1000	108.15	$44.99
AMD A10-6800K APU	4863	1001	55.41	$87.76*
Intel Pentium G4560 @ 3.50GHz	4861	1002	48.61	$99.99*
Intel Core i3-6100T @ 3.20GHz	4860	1003	36.01	$134.99*
Intel Atom C3858 @ 2.00GHz	4852	1004	14.62	$332.00*
Intel Core i7-870S @ 2.67GHz	4849	1005	NA	NA
Intel Xeon X5492 @ 3.40GHz	4846	1006	3.48	$1,391.29*
Intel Core i5-4570T @ 2.90GHz	4828	1007	32.19	$149.99*
AMD A10-6800B APU	4822	1008	NA	NA
Intel Core i7-6560U @ 2.20GHz	4821	1009	NA	NA
AMD FX-770K Quad-Core	4819	1010	NA	NA
Intel Xeon E5-2407 v2 @ 2.40GHz	4810	1011	13.37	$359.95*
Intel Core i3-4130 @ 3.40GHz	4806	1012	54.62	$87.99
Intel Core i3-8121U @ 2.20GHz	4802	1013	NA	NA
Intel Core i7-6600U @ 2.60GHz	4800	1014	NA	NA
AMD Phenom II X6 1045T	4793	1015	46.08	$104.02*
AMD FX-9830P	4781	1016	NA	NA
Intel Core i7-4578U @ 3.00GHz	4780	1017	NA	NA
AMD PRO A12-9800E	4769	1018	28.22	$169.00*
Intel Xeon E5620 @ 2.40GHz	4769	1019	80.85	$58.99*
Intel Core i3-7167U @ 2.80GHz	4757	1020	NA	NA
Intel Core i5-6287U @ 3.10GHz	4751	1021	15.63	$304.00*
Intel Xeon E5540 @ 2.53GHz	4747	1022	80.46	$59.00*
AMD Opteron X3421 APU	4745	1023	NA	NA
AMD A8 PRO-7600B APU	4744	1025	NA	NA
Intel Xeon X3450 @ 2.67GHz	4744	1024	59.35	$79.95*
AMD A10-9700E	4727	1026	30.68	$154.10*
AMD A10-6790K APU	4718	1027	49.68	$94.99*
AMD Opteron 2435	4708	1028	72.44	$65.00
AMD Athlon X4 830	4701	1029	NA	NA
Intel Core i5-5287U @ 2.90GHz	4700	1030	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD FX-4300 Quad-Core	4699	1031	55.92	$84.04
Intel Core i5-4310M @ 2.70GHz	4668	1032	NA	NA
Intel Core i7-3540M @ 3.00GHz	4665	1033	10.85	$429.95*
AMD Phenom II X6 1035T	4663	1034	24.67	$189.00*
AMD A10-5800K APU	4648	1035	18.60	$249.95
Intel Core i5-2500T @ 2.30GHz	4647	1036	51.64	$89.99*
Intel Core2 Extreme X9775 @ 3.20GHz	4646	1037	2.57	$1,805.95*
Intel Core i3-4360T @ 3.20GHz	4636	1038	NA	NA
AMD Embedded R-Series RX-421BD	4635	1039	NA	NA

AMD Opteron 6136	4631	1040	42.10	$110.00*
AMD A8-6500B APU	4630	1041	NA	NA
AMD FX-7600P APU	4627	1042	NA	NA
Intel Xeon E5-2609 @ 2.40GHz	4624	1043	165.22	$27.99
AMD A10-5800B APU	4620	1044	NA	NA
AMD Ryzen Embedded R1505G	4614	1045	NA	NA
Intel Core i5-6360U @ 2.00GHz	4612	1046	NA	NA
AMD FX-B4150 Quad-Core	4611	1047	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4608	1048	2.86	$1,608.95*
AMD A10-6700 APU	4603	1049	39.35	$116.99*
AMD Athlon X4 760K Quad Core	4603	1050	109.65	$41.98*
Intel Xeon X3380 @ 3.16GHz	4600	1051	9.02	$509.95*
AMD FX-4150 Quad-Core	4594	1052	NA	NA
AMD A8-6600K APU	4592	1053	47.35	$96.99*
AMD Ryzen 3 2200U	4592	1054	NA	NA
AMD Athlon 300U	4582	1055	NA	NA
Intel Xeon X5470 @ 3.33GHz	4572	1056	24.20	$189.00*
AMD Ryzen 3 3200U	4571	1057	NA	NA
Intel Core i5-7200U @ 2.50GHz	4561	1058	16.23	$281.00*
Intel Core 860 @ 2.80GHz	4555	1059	57.67	$79.00*
Intel Core i7-3520M @ 2.90GHz	4553	1060	34.49	$132.02*
Intel Core i5-4330M @ 2.80GHz	4551	1061	16.55	$274.99*
AMD FX-670K Quad-Core	4550	1062	NA	NA
AMD Opteron X3418 APU	4548	1063	NA	NA
Intel Core i5-4400E @ 2.70GHz	4548	1064	17.10	$266.00*
AMD FirePro A320 APU	4540	1065	NA	NA
Intel Core i5-4210H @ 2.90GHz	4537	1066	NA	NA
Intel Xeon X5482 @ 3.20GHz	4528	1067	45.29	$99.99*
AMD Opteron 2431	4516	1068	129.08	$34.99
Intel Xeon X3440 @ 2.53GHz	4509	1069	31.77	$141.96*
Intel Xeon E5-2637 @ 3.00GHz	4508	1070	5.09	$885.00*
Intel Core i3-4330T @ 3.00GHz	4507	1071	NA	NA
AMD Opteron 6128	4505	1072	237.24	$18.99
Intel Core2 Extreme X9750 @ 3.16GHz	4504	1073	NA	NA
Intel Core i3-4170T @ 3.20GHz	4501	1074	21.44	$209.95*
Intel Core i5-3470T @ 2.90GHz	4500	1075	14.57	$308.95
Intel Xeon E5530 @ 2.40GHz	4494	1076	345.72	$13.00*
AMD Phenom II X4 980	4488	1077	19.52	$229.99*
Intel Core i7-6498DU @ 2.50GHz	4483	1078	NA	NA
Intel Core i3-3245 @ 3.40GHz	4473	1080	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 i3-4160T @ 3.10GHz	4473	1079	29.82	$149.99*

Intel Core i5-4200H @ 2.80GHz	4466	1081	NA	NA
Intel Core i3-3250 @ 3.50GHz	4449	1082	63.56	$70.00
AMD Ryzen Embedded V1202B	4447	1083	NA	NA
Intel Core i5-3380M @ 2.90GHz	4445	1084	NA	NA
Intel Core i5-4300M @ 2.60GHz	4445	1085	NA	NA
AMD Phenom II X4 975	4443	1087	31.81	$139.69*
Intel Core i5-3360M @ 2.80GHz	4443	1086	47.88	$92.81*
AMD A10-9630P	4436	1088	NA	NA
Intel Core i7-6500U @ 2.50GHz	4421	1089	11.25	$393.00*
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	1090	NA	NA
AMD Opteron 4184	4418	1091	8.50	$519.95*
AMD A12-9730P	4417	1092	NA	NA
Intel Core i7-4558U @ 2.80GHz	4403	1093	NA	NA
AMD Athlon X4 750 Quad Core	4400	1094	NA	NA
AMD A8-6500 APU	4398	1095	46.30	$94.99*
Intel Core i5-5257U @ 2.70GHz	4392	1096	NA	NA
Intel Xeon L5530 @ 2.40GHz	4389	1097	227.93	$19.26*
AMD PRO A10-9700B	4380	1098	NA	NA
Intel Xeon E5520 @ 2.27GHz	4373	1099	90.16	$48.51*
Intel Core i5-4278U @ 2.60GHz	4371	1100	NA	NA
Intel Core i5-6300U @ 2.40GHz	4366	1101	NA	NA
Intel Core i5-6260U @ 1.80GHz	4363	1102	14.12	$309.00
AMD RX-427BB	4359	1103	NA	NA
Intel Core i3-3225 @ 3.30GHz	4347	1104	13.38	$324.99
Intel Pentium Gold G5500T @ 3.20GHz	4346	1105	57.95	$75.00*
AMD A8-5600K APU	4344	1106	18.95	$229.30
Intel Xeon L5630 @ 2.13GHz	4338	1107	206.69	$20.99*
Intel Core i7-4560U @ 1.60GHz	4329	1108	NA	NA
Intel Core i3-6100TE @ 2.70GHz	4328	1109	NA	NA
Intel Core i3-2140 @ 3.50GHz	4325	1111	NA	NA
Intel Core i7-5600U @ 2.60GHz	4325	1110	NA	NA
Intel Xeon L5520 @ 2.27GHz	4324	1112	48.08	$89.95*
Intel Xeon X5460 @ 3.16GHz	4319	1113	43.29	$99.78*
Intel Core i3-3240 @ 3.40GHz	4315	1114	78.47	$55.00
AMD Phenom II X4 970	4311	1115	29.11	$148.11*
Intel Core i5-8200Y @ 1.30GHz	4309	1116	14.81	$291.00*
Intel Core i5-4288U @ 2.60GHz	4303	1117	NA	NA
Intel Core i3-4350T @ 3.10GHz	4302	1118	NA	NA
Intel Xeon X3370 @ 3.00GHz	4284	1119	11.67	$367.02*
AMD Athlon X4 750K Quad Core	4275	1120	55.54	$76.99*
Intel Xeon X5698 @ 4.40GHz	4272	1121	NA	NA

Intel Core i3-7100H @ 3.00GHz	4271	1122	18.99	$225.00*
AMD FX-4200 Quad-Core	4270	1123	18.71	$228.21*
Intel Pentium G4600T @ 3.00GHz	4266	1124	24.06	$177.28*
AMD Phenom II X4 B70	4261	1125	NA	NA
Intel Core i5-3340M @ 2.70GHz	4249	1126	53.15	$79.95*
Intel Core i3-3220 @ 3.30GHz	4248	1127	87.62	$48.49
Intel Core i7-5650U @ 2.20GHz	4242	1128	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD PRO A12-8830B	4233	1129	NA	NA
Intel Core i3-4150T @ 3.00GHz	4228	1130	18.39	$229.95*
Intel Core i5-8210Y @ 1.60GHz	4227	1131	NA	NA
Intel Core i5-4308U @ 2.80GHz	4219	1132	NA	NA
Intel Core i5-4210M @ 2.60GHz	4217	1133	13.61	$309.95*
AMD A10-5700 APU	4214	1134	65.35	$64.50*
Intel Core i5-2390T @ 2.70GHz	4212	1135	42.16	$99.90*
AMD FX-8800P	4203	1136	NA	NA
Intel Core i3-6100H @ 2.70GHz	4195	1137	NA	NA
Intel Xeon E5-2407 @ 2.20GHz	4188	1138	139.62	$30.00
AMD Opteron 3350 HE	4186	1139	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	1140	38.05	$109.99*
Intel Xeon E5450 @ 3.00GHz	4179	1141	13.98	$298.94*
AMD Phenom II X4 965	4175	1142	49.70	$84.01*
AMD Phenom II X4 B65	4172	1143	NA	NA
AMD FX-4130 Quad-Core	4165	1144	54.81	$75.99*
Intel Core i3-4130T @ 2.90GHz	4156	1146	16.72	$248.56*
Intel Core i5-6198DU @ 2.30GHz	4156	1145	NA	NA
Intel Core2 Extreme X9650 @ 3.00GHz	4155	1147	4.83	$859.99*
Intel Core2 Quad Q9650 @ 3.00GHz	4152	1148	25.12	$165.32
Intel Core i5-3320M @ 2.60GHz	4133	1149	59.22	$69.81*
Intel Core i7-3687U @ 2.10GHz	4130	1150	NA	NA
AMD Phenom II X4 B99	4126	1151	NA	NA
AMD Athlon II X4 559	4124	1152	NA	NA
AMD PRO A12-8800B	4111	1153	NA	NA
Intel Core i7-4600U @ 2.10GHz	4103	1155	NA	NA
Intel Xeon X5450 @ 3.00GHz	4103	1154	68.43	$59.96*
AMD PRO A12-9800B	4102	1156	NA	NA
Intel Core i5-4258U @ 2.40GHz	4096	1157	NA	NA
Intel Xeon E5472 @ 3.00GHz	4083	1158	135.93	$30.04*
AMD FX-4100 Quad-Core	4078	1159	26.58	$153.45*
Intel Core i3-2130 @ 3.40GHz	4075	1160	114.83	$35.49
Intel Core i3-7130U @ 2.70GHz	4060	1161	8.83	$459.99*
Intel Core i3-3210 @ 3.20GHz	4049	1162	20.35	$199.00*

AMD FX-7600P	4044	1163	NA	NA
AMD A8-5500B APU	4043	1164	NA	NA
Intel Core i5-4200M @ 2.50GHz	4040	1165	49.81	$81.12*
AMD Athlon X4 740 Quad Core	4035	1166	14.57	$277.00*
AMD Phenom II X4 B60	4030	1167	NA	NA
Intel Core i3-2125 @ 3.30GHz	4018	1168	19.41	$207.00*
Intel Core i5-6200U @ 2.30GHz	4011	1169	NA	NA
Intel Xeon X5472 @ 3.00GHz	4001	1170	17.78	$225.00*
AMD A8-5500 APU	4000	1171	70.80	$56.50*
Intel Core i7-3667U @ 2.00GHz	3982	1172	NA	NA
Intel Core i7-5500U @ 2.40GHz	3981	1173	NA	NA
Intel Xeon X3363 @ 2.83GHz	3981	1174	116.79	$34.09*
AMD A12-9720P	3977	1175	NA	NA
Intel Core i7-8500Y @ 1.50GHz	3971	1176	10.11	$393.00*
Intel Core i7-3555LE @ 2.50GHz	3966	1177	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD FX-9800P	3965	1178	NA	NA
AMD PRO A8-9600B	3964	1179	NA	NA
Intel Core2 Quad Q9550 @ 2.83GHz	3959	1180	89.01	$44.49*
Intel Xeon E5440 @ 2.83GHz	3954	1181	39.94	$99.00*
AMD PRO A10-8730B	3953	1182	NA	NA
Intel Core i5-3230M @ 2.60GHz	3948	1183	18.16	$217.42*
Intel Core i5-4402E @ 1.60GHz	3947	1185	NA	NA
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1184	NA	NA
Intel Core i7-4650U @ 1.70GHz	3946	1186	NA	NA
AMD Phenom Ultra X4 24500	3945	1187	NA	NA
Intel Xeon L3426 @ 1.87GHz	3943	1188	8.82	$447.01*
Intel Core i5-760 @ 2.80GHz	3933	1189	25.54	$154.03
Intel Core i3-2120 @ 3.30GHz	3932	1190	112.37	$35.00
Intel Core i7-2640M @ 2.80GHz	3927	1191	32.78	$119.81
Intel Xeon X3360 @ 2.83GHz	3925	1192	24.86	$157.95*
Intel Core i7-940XM @ 2.13GHz	3921	1193	NA	NA
Intel Core i7-4510U @ 2.00GHz	3919	1194	NA	NA
AMD Phenom II X4 955	3913	1195	30.07	$130.16*
Intel Pentium G4560T @ 2.90GHz	3909	1196	35.55	$109.99*
Intel Core i5-3610ME @ 2.70GHz	3884	1197	NA	NA
Intel Xeon E5462 @ 2.80GHz	3872	1198	141.86	$27.30*
AMD Phenom II X4 B97	3863	1199	67.80	$56.99*
Intel Core i3-21050 @ 3.10GHz	3862	1201	NA	NA
Intel Pentium G3258 @ 3.20GHz	3862	1200	20.52	$188.28*
Intel Core i3-4110M @ 2.60GHz	3854	1202	NA	NA

Intel Core i5-5300U @ 2.30GHz	3854	1203	7.09	$543.39*
Intel Xeon X3353 @ 2.66GHz	3853	1204	52.43	$73.50*
AMD Phenom II X4 B55	3852	1205	NA	NA
Intel Core i7-5550U @ 2.00GHz	3851	1206	NA	NA
Intel Core i7-2620M @ 2.70GHz	3841	1207	22.62	$169.81*
Intel Xeon L7455 @ 2.13GHz	3836	1208	NA	NA
AMD Athlon II X4 555	3830	1210	NA	NA
Intel Core i5-3210M @ 2.50GHz	3830	1209	51.74	$74.04
Intel Core i5-4570TE @ 2.70GHz	3827	1211	19.14	$199.99*
Intel Xeon X3350 @ 2.66GHz	3820	1212	63.69	$59.99*
Intel Core i3-6157U @ 2.40GHz	3819	1213	NA	NA
AMD Athlon II X4 553	3814	1214	NA	NA
AMD Opteron 8439 SE	3813	1215	63.56	$60.00*
Intel Pentium D1508 @ 2.20GHz	3813	1216	29.56	$129.00*
Intel Core i7-3537U @ 2.00GHz	3812	1217	NA	NA
Intel Pentium G4500 @ 3.50GHz	3792	1218	43.59	$87.00
Intel Core i7-4500U @ 1.80GHz	3786	1219	NA	NA
Intel Core i5-4310U @ 2.00GHz	3783	1220	NA	NA
Intel Core i5-2540M @ 2.60GHz	3782	1221	65.19	$58.02*
Intel Core i3-6100E @ 2.70GHz	3769	1222	NA	NA
AMD Phenom II X4 960T	3768	1223	8.04	$469.00
Intel Atom C2750 @ 2.40GHz	3768	1224	16.24	$232.00*
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1225	62.78	$59.99*
Intel Xeon L3360 @ 2.83GHz	3764	1226	42.18	$89.23*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD A10-9600P	3763	1227	NA	NA
AMD Phenom II X4 973	3759	1228	NA	NA
Intel Core i3-7100U @ 2.40GHz	3759	1230	9.17	$409.99*
Intel Core m3-8100Y @ 1.10GHz	3759	1229	13.38	$281.00*
Intel Core2 Quad Q9450 @ 2.66GHz	3754	1231	105.16	$35.70*
Intel Core i5-2560M @ 2.70GHz	3752	1232	NA	NA
AMD Phenom II X4 977	3750	1233	NA	NA
Intel Xeon E5430 @ 2.66GHz	3749	1234	24.20	$154.95*
Intel Core i7-4610Y @ 1.70GHz	3746	1235	NA	NA
Intel Core i3-2102 @ 3.10GHz	3736	1236	64.41	$58.00*
Intel Core i5-4300U @ 1.90GHz	3735	1237	NA	NA
Intel Core i7-7Y75 @ 1.30GHz	3732	1238	NA	NA
AMD A12-9700P	3724	1239	NA	NA
Intel Xeon L5430 @ 2.66GHz	3721	1240	23.56	$157.95*
Intel Core i7-920XM @ 2.00GHz	3719	1241	9.30	$399.95*
Intel Core i5-750 @ 2.67GHz	3718	1242	83.69	$44.43*
Intel Core i3-2105 @ 3.10GHz	3716	1243	32.32	$114.99*

Intel Xeon L5506 @ 2.13GHz	3715	1244	16.59	$224.00*
Intel Pentium G3470 @ 3.60GHz	3714	1245	35.62	$104.29*
AMD A10-6700T APU	3711	1246	25.15	$147.61*
Intel Core i3-3220T @ 2.80GHz	3697	1247	27.39	$135.00
Intel Pentium G3450 @ 3.40GHz	3696	1248	36.97	$99.99*
AMD Phenom II X4 B50	3694	1250	NA	NA
Intel Core i3-2100 @ 3.10GHz	3694	1249	76.59	$48.24
AMD Phenom II X4 B95	3676	1251	50.40	$72.95*
Intel Core i5-7Y57 @ 1.20GHz	3676	1252	NA	NA
Intel Core i7-4550U @ 1.50GHz	3676	1253	NA	NA
AMD A10-9620P	3675	1254	NA	NA
Intel Core i3-5157U @ 2.50GHz	3670	1255	NA	NA
AMD Opteron 4170 HE	3664	1256	62.11	$59.00*
Intel Core i3-3240T @ 2.90GHz	3661	1257	NA	NA
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1258	3.25	$1,125.00*
AMD Phenom II X4 945	3650	1259	53.60	$68.11
Intel Core i5-3437U @ 1.90GHz	3625	1260	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1261	NA	NA
Intel Core2 Extreme Q6850 @ 3.00GHz	3615	1262	2.42	$1,495.95*
Intel Core i3-3250T @ 3.00GHz	3614	1263	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1264	NA	NA
AMD A10-7400P	3606	1266	NA	NA
Intel Xeon E3-1220L @ 2.20GHz	3606	1265	NA	NA
Intel Core i3-6100U @ 2.30GHz	3603	1267	7.00	$515.00*
Intel Core i5-5250U @ 1.60GHz	3601	1268	8.15	$441.89*
Intel Core i5-2520M @ 2.50GHz	3595	1269	21.20	$169.60*
AMD Phenom II X4 840T	3594	1270	51.36	$69.99*
Intel Xeon E5-2603 @ 1.80GHz	3591	1271	75.05	$47.85*
Intel Xeon E5-2403 v2 @ 1.80GHz	3590	1272	161.73	$22.20*
Intel Pentium G3460 @ 3.50GHz	3587	1273	12.45	$288.20*
AMD Phenom II X4 940	3586	1274	17.83	$201.21*
Intel Core i5-4260U @ 1.40GHz	3584	1275	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Athlon II X4 651 Quad-Core	3570	1276	20.06	$178.04*
Intel Core i5-3427U @ 1.80GHz	3551	1277	8.46	$420.05*
AMD Phenom II X4 850	3549	1278	54.62	$64.99*
Intel Xeon X5365 @ 3.00GHz	3549	1279	45.51	$77.99*
Intel Core i5-5350U @ 1.80GHz	3542	1280	NA	NA
AMD Opteron 2384	3538	1281	4.21	$840.00*
AMD Opteron 2386 SE	3538	1282	NA	NA
Intel Core i7-3517U @ 1.90GHz	3538	1283	NA	NA

Intel Core i3-7020U @ 2.30GHz	3536	1284	12.59	$281.00*
AMD A8-3870K APU	3531	1285	23.60	$149.67*
Intel Pentium G4400 @ 3.30GHz	3531	1286	35.49	$99.50
Intel Xeon E5-2403 @ 1.80GHz	3523	1287	73.80	$47.75*
AMD PRO A10-8700B	3521	1288	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3520	1289	NA	NA
Intel Core2 Quad Q9505 @ 2.83GHz	3518	1290	18.52	$190.00*
Intel Core i5-680 @ 3.60GHz	3513	1291	39.04	$89.99*
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	3499	1297	12.45	$281.00*
Intel Xeon L5420 @ 2.50GHz	3492	1298	126.99	$27.50*
AMD Phenom II 42 TWKR Black Edition	3489	1299	NA	NA
AMD Athlon II X4 650	3483	1301	20.91	$166.60*
Intel Core i5-2510E @ 2.50GHz	3483	1300	NA	NA
Intel Xeon E5420 @ 2.50GHz	3475	1302	55.22	$62.95*
AMD Phenom II X4 B45	3473	1303	NA	NA
Intel Pentium G4500T @ 3.00GHz	3471	1304	NA	NA
Intel Core m7-6Y75 @ 1.20GHz	3462	1305	NA	NA
AMD Athlon II X4 645	3461	1306	69.25	$49.99*
AMD A8-3850 APU	3458	1307	32.73	$105.68*
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1308	NA	NA
Quad-Core AMD Opteron 1389	3446	1309	NA	NA
Intel Core i3-4100M @ 2.50GHz	3443	1310	15.76	$218.57*
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 Core2 Extreme Q9200 @ 2.40GHz	3415	1314	NA	NA
AMD Phenom II X4 925	3412	1316	77.56	$43.99*
Intel Core i7-840QM @ 1.87GHz	3412	1315	11.77	$289.97*
Intel Core i5-4210U @ 1.70GHz	3405	1317	NA	NA
Intel Core i5-2450M @ 2.50GHz	3402	1318	46.42	$73.30*
Intel Pentium G3430 @ 3.30GHz	3396	1319	37.75	$89.99*
Intel Pentium G3420 @ 3.20GHz	3393	1320	52.21	$65.00
AMD Phenom II X4 820	3392	1321	45.27	$74.95*
Intel Core m3-7Y32 @ 1.10GHz	3391	1323	NA	NA
Intel Xeon X3230 @ 2.66GHz	3391	1322	47.44	$71.50*
AMD Phenom II X4 920	3390	1324	42.38	$79.99*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**

Intel Core i3-3130M @ 2.60GHz	3389	1325	NA	NA
AMD Phenom II X4 B35	3387	1326	NA	NA
Intel Pentium G2140 @ 3.30GHz	3377	1327	41.41	$81.56*
Intel Core i5-4250U @ 1.30GHz	3375	1328	9.40	$359.00*
Intel Xeon E5607 @ 2.27GHz	3371	1329	48.71	$69.21*
Intel Xeon L5410 @ 2.33GHz	3358	1330	33.56	$100.08*
Intel Pentium G3260 @ 3.30GHz	3357	1331	23.98	$139.99*
Intel Core i5-655K @ 3.20GHz	3353	1332	55.90	$59.99*
AMD Phenom II X4 B40	3352	1333	NA	NA
AMD Phenom II X4 B93	3345	1334	NA	NA
Intel Atom C2750 @ 2.41GHz	3344	1335	NA	NA
AMD Athlon II X4 641 Quad-Core	3343	1336	36.54	$91.50*
Intel Core m5-6Y54 @ 1.10GHz	3343	1337	NA	NA
AMD A10-5750M APU	3342	1338	NA	NA
Intel Xeon X3430 @ 2.40GHz	3341	1339	104.45	$31.99*
Intel Xeon X3330 @ 2.66GHz	3340	1340	15.91	$210.00*
AMD A8-7200P	3338	1341	NA	NA
Intel Core2 Quad Q9400 @ 2.66GHz	3336	1342	69.47	$48.03*
Intel Pentium G3440 @ 3.30GHz	3324	1343	20.79	$159.94*
Intel Pentium Silver J5040 @ 2.00GHz	3319	1344	NA	NA
Intel Core i5-2515E @ 2.50GHz	3313	1345	NA	NA
AMD Athlon II X4 640	3310	1347	41.40	$79.95
Intel Core i5-670 @ 3.47GHz	3310	1346	11.87	$279.00*
Intel Core i5-2415M @ 2.30GHz	3307	1348	NA	NA
Intel Xeon X3320 @ 2.50GHz	3306	1349	14.41	$229.50*
AMD Phenom II X4 B25	3297	1350	NA	NA
Intel Celeron G4900 @ 3.10GHz	3290	1351	41.13	$79.99*
Intel Core i5-2430M @ 2.40GHz	3287	1352	36.93	$89.02*
Intel Core i5-4200U @ 1.60GHz	3282	1353	NA	NA
Intel Core2 Quad Q6700 @ 2.66GHz	3277	1354	72.84	$44.99*
AMD A8-6500T APU	3276	1355	NA	NA
Intel Core i3-7102E @ 2.10GHz	3266	1356	14.52	$225.00*
Intel Xeon E5410 @ 2.33GHz	3261	1357	15.61	$208.95*
AMD Opteron 3260 HE	3259	1358	NA	NA
Intel Core i3-4000M @ 2.40GHz	3256	1359	16.28	$199.95*
Intel Celeron G4920 @ 3.20GHz	3255	1360	50.75	$64.15
AMD Phenom II X4 910e	3254	1361	20.73	$156.99*
AMD A8-8600P	3248	1362	NA	NA
AMD Phenom II X4 910	3246	1363	32.46	$100.00*
Intel Core i5-660 @ 3.33GHz	3245	1364	91.43	$35.50
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1365	8.40	$385.89*

Intel Pentium G3250 @ 3.20GHz	3240	1366	13.92	$232.84*
Intel Core m5-6Y57 @ 1.10GHz	3234	1367	NA	NA
AMD Athlon II X4 635	3230	1368	46.19	$69.95*
Intel Core i7-2655LE @ 2.20GHz	3229	1369	NA	NA
Intel Core i3-3120M @ 2.50GHz	3228	1370	111.73	$28.90
Intel Core i5-3337U @ 1.80GHz	3228	1371	14.35	$225.00*
Intel Core i5-2435M @ 2.40GHz	3221	1372	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1373	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i7-820QM @ 1.73GHz	3215	1374	13.40	$239.95*
AMD FX-7500 APU	3206	1376	NA	NA
Intel Pentium 4417U @ 2.30GHz	3206	1375	19.91	$161.00*
Intel Core i3-4330TE @ 2.40GHz	3201	1377	NA	NA
Intel Core i3-5020U @ 2.20GHz	3201	1378	6.97	$459.00*
AMD Athlon II X4 638 Quad-Core	3198	1379	120.73	$26.49*
Intel Core i3-6102E @ 1.90GHz	3196	1380	14.20	$225.00*
Intel Core i5-661 @ 3.33GHz	3194	1381	13.89	$229.99*
Intel Pentium G2130 @ 3.20GHz	3189	1382	63.80	$49.99*
Intel Core i7-740QM @ 1.73GHz	3187	1383	19.93	$159.95*
AMD Opteron 2378	3179	1384	17.76	$179.00*
Intel Xeon X3323 @ 2.50GHz	3177	1385	164.14	$19.36*
Intel Core i5-2410M @ 2.30GHz	3173	1386	40.65	$78.07
AMD Athlon X4 640	3172	1387	NA	NA
Intel Pentium G4400T @ 2.90GHz	3168	1388	NA	NA
AMD Opteron 4162 EE	3166	1389	NA	NA
Intel Core i3-2120T @ 2.60GHz	3166	1390	126.71	$24.99*
AMD A6-3670 APU	3164	1391	5.19	$610.00*
Intel Atom C2758 @ 2.40GHz	3162	1392	14.72	$214.86*
Intel Core2 Quad Q8400 @ 2.66GHz	3162	1393	13.18	$239.95*
AMD Phenom 9850B Quad-Core	3160	1395	NA	NA
Intel Xeon X5355 @ 2.66GHz	3160	1394	10.20	$309.95*
Intel Pentium G3240 @ 3.10GHz	3154	1396	39.43	$79.99
Intel Pentium 4415U @ 2.30GHz	3153	1397	NA	NA
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	1400	NA	NA
Intel Pentium 5405U @ 2.30GHz	3149	1401	19.56	$161.00*
AMD Athlon II X4 631 Quad-Core	3142	1402	39.28	$80.00*
AMD A6-3650 APU	3141	1403	98.19	$31.99*
AMD Athlon II X4 630	3131	1404	49.74	$62.95
Intel Celeron G3920 @ 2.90GHz	3129	1405	27.45	$113.99*
Intel Xeon E5507 @ 2.27GHz	3125	1406	6.84	$456.91*

Intel Pentium G3220 @ 3.00GHz	3123	1407	32.56	$95.93
AMD Phenom II X4 810	3119	1408	26.90	$115.99*
Intel Xeon E7- 2830 @ 2.13GHz	3118	1409	1.75	$1,779.00*
AMD A10-4600M APU	3117	1411	28.35	$109.95*
AMD R-464L APU	3117	1410	NA	NA
Intel Celeron G3900 @ 2.80GHz	3112	1412	69.18	$44.99
Intel Celeron G4900T @ 2.90GHz	3103	1413	73.90	$42.00*
AMD A8-3820 APU	3102	1414	24.82	$124.99*
Intel Pentium G3440T @ 2.80GHz	3101	1415	NA	NA
AMD A6-7480	3096	1416	70.38	$43.99*
Intel Celeron G3950 @ 3.00GHz	3095	1417	28.39	$109.04*
Intel Core i5-650 @ 3.20GHz	3092	1418	22.25	$139.00*
Intel Core i5-3317U @ 1.70GHz	3091	1419	13.74	$225.00*
Intel Xeon X3220 @ 2.40GHz	3089	1420	51.36	$60.15*
AMD PRO A6-8570	3088	1421	NA	NA
AMD A10-5757M APU	3084	1423	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	3084	1422	38.58	$79.95*
AMD Phenom II X4 905e	3080	1425	57.06	$53.99*
Intel Pentium G2120 @ 3.10GHz	3080	1424	19.31	$159.55*
Intel Core i3-6006U @ 2.00GHz	3077	1426	NA	NA
Intel Core i3-2330E @ 2.20GHz	3073	1427	NA	NA
AMD Opteron 2427	3069	1428	47.22	$65.00
AMD Phenom II X3 B77	3067	1429	137.64	$22.29*
AMD Opteron 1381	3065	1430	NA	NA
Intel Core i3-5010U @ 2.10GHz	3062	1431	9.07	$337.76*
AMD Opteron X2170 APU	3059	1432	NA	NA
Intel Xeon E5606 @ 2.13GHz	3058	1433	42.96	$71.20
Intel Core i3-4120U @ 2.00GHz	3050	1434	NA	NA
Intel Celeron G3930 @ 2.90GHz	3043	1435	33.97	$89.59*
AMD A6-8550	3032	1436	NA	NA
AMD A6-9500	3032	1437	51.89	$58.44
Intel Core m3-6Y30 @ 0.90GHz	3025	1438	10.77	$281.00*
Intel Pentium 1403 v2 @ 2.60GHz	3018	1439	NA	NA
Intel Xeon L5408 @ 2.13GHz	3014	1440	NA	NA
AMD Phenom 9950 Quad-Core	3009	1442	22.30	$134.99*
Intel Core i3-2100T @ 2.50GHz	3009	1441	50.17	$59.99*
Intel Pentium G3420T @ 2.70GHz	3008	1443	18.80	$159.99*
Intel Core i7-720QM @ 1.60GHz	3007	1444	8.22	$365.95*
AMD Phenom 2 X4 12000	3005	1445	NA	NA
AMD A8-3800 APU	3004	1446	25.05	$119.95*
AMD A8-5550M APU	3003	1447	NA	NA

AMD Athlon II X4 655	2998	1449	NA	NA
AMD Phenom II X4 805	2998	1448	17.23	$173.99*
AMD Phenom 7950 Quad-Core	2991	1450	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2989	1451	10.64	$281.00*
AMD Phenom II X3 740	2985	1452	33.55	$88.99*
Intel Core i3-5015U @ 2.10GHz	2983	1453	NA	NA
Intel Core2 Quad Q8300 @ 2.50GHz	2977	1455	59.56	$49.99*
Intel Xeon X6550 @ 2.00GHz	2977	1454	NA	NA
Intel Xeon E5506 @ 2.13GHz	2975	1456	47.22	$63.01*
Intel Core i5-4302Y @ 1.60GHz	2971	1457	NA	NA
AMD PRO A6-8550B	2970	1458	NA	NA
Intel Pentium G3250T @ 2.80GHz	2969	1459	33.00	$89.99*
Intel Pentium G3450T @ 2.90GHz	2967	1460	NA	NA
AMD A8-5557M APU	2956	1461	NA	NA
AMD PRO A6-9500	2952	1462	39.90	$74.00*
AMD Opteron 2374 HE	2951	1463	45.40	$65.00
AMD Phenom FX-5200 Quad-Core	2948	1464	NA	NA
Intel Celeron G3930TE @ 2.70GHz	2946	1465	70.17	$42.00*
Intel Core2 Quad Q6600 @ 2.40GHz	2946	1466	73.70	$39.98*
AMD Opteron 3250 HE	2942	1467	29.73	$99.00*
AMD Opteron 4122	2942	1468	23.55	$124.99*
AMD Opteron 6134	2938	1469	66.81	$43.99*
Intel Core i3-560 @ 3.33GHz	2935	1470	16.31	$179.95*
Intel Core i5-3439Y @ 1.50GHz	2930	1473	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Pentium 4405U @ 2.10GHz	2930	1471	NA	NA
Intel Pentium G3260T @ 2.90GHz	2930	1472	32.56	$89.99*
AMD Athlon II X4 620	2927	1474	41.83	$69.99*
Intel Celeron G3900T @ 2.60GHz	2925	1476	26.01	$112.46*
Six-Core AMD Opteron 2419 EE	2925	1475	NA	NA
AMD Athlon 5370 APU	2915	1477	45.77	$63.70*
Intel Core i3-4158U @ 2.00GHz	2914	1478	NA	NA
Intel Celeron J4125 @ 2.00GHz	2912	1479	NA	NA
Intel Core M-5Y70 @ 1.10GHz	2912	1480	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1481	36.38	$79.99*
AMD A10-4657M APU	2906	1482	NA	NA
AMD Athlon II X4 620e	2906	1483	NA	NA
Intel Core i3-5005U @ 2.00GHz	2904	1485	NA	NA
Intel Core i7-2637M @ 1.70GHz	2904	1486	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2904	1484	13.72	$211.75
Intel Core i3-4110U @ 1.90GHz	2902	1488	NA	NA

Intel Core i5-4230U @ 1.90GHz	2902	1487	NA	NA
AMD A10-7300 APU	2901	1489	NA	NA
AMD Athlon II X4 615e	2899	1490	49.15	$59.00*
AMD Phenom X4 Quad-Core GP-9730	2897	1491	NA	NA
AMD Athlon X4 635	2891	1492	23.71	$121.99*
AMD A6-9500E	2889	1493	26.94	$107.23*
AMD Phenom 9850 Quad-Core	2886	1494	24.05	$119.99*
Intel Xeon E5345 @ 2.33GHz	2886	1495	72.17	$39.99*
Intel Pentium G4400TE @ 2.40GHz	2885	1496	45.09	$64.00*
AMD Phenom II X4 900e	2882	1497	NA	NA
AMD Phenom II X3 B75	2872	1498	71.82	$39.99*
AMD Athlon II X3 460	2864	1500	73.46	$38.99*
Intel Pentium G2030 @ 3.00GHz	2864	1499	59.67	$48.00
AMD Athlon X4 620	2861	1501	44.06	$64.95
Intel Celeron G1840 @ 2.80GHz	2860	1502	52.25	$54.75
Intel Core i3-2310E @ 2.10GHz	2839	1504	12.62	$225.00*
Intel Pentium G3240T @ 2.70GHz	2839	1503	NA	NA
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 Core i3-550 @ 3.20GHz	2828	1508	16.10	$175.74*
Intel Core i7-640M @ 2.80GHz	2826	1509	14.14	$199.95*
Intel Core M-5Y10c @ 0.80GHz	2825	1510	10.06	$281.00*
AMD PRO A6-8570E	2824	1511	NA	NA
AMD Opteron 2350	2820	1512	35.28	$79.95*
AMD Opteron 2356	2814	1513	54.12	$52.00*
AMD Phenom 9750 Quad-Core	2810	1514	46.88	$59.95
Intel Core i7-2617M @ 1.50GHz	2809	1515	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1516	10.55	$266.00*
Intel Core2 Quad Q8200 @ 2.33GHz	2805	1517	122.03	$22.99*
AMD A8-7100 APU	2798	1518	NA	NA
AMD A6-3620 APU	2792	1520	46.55	$59.99*
AMD Phenom II X4 B05e	2792	1519	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Athlon II X4 610e	2789	1521	39.85	$69.99*
AMD Opteron 2373 EE	2789	1522	NA	NA
Intel Core i3-4025U @ 1.90GHz	2789	1523	NA	NA
Intel Pentium G870 @ 3.10GHz	2785	1524	28.72	$97.00*
AMD A6-7400K APU	2784	1525	20.63	$135.00
Intel Core M-5Y31 @ 0.90GHz	2782	1526	NA	NA
Intel Core i3-2370M @ 2.40GHz	2777	1527	69.77	$39.81
AMD PRO A4-8350B	2776	1528	NA	NA

AMD A10-5745M APU	2768	1529	NA	NA
Intel E3000 @ 3.40GHz	2767	1530	NA	NA
Intel Celeron G3930T @ 2.70GHz	2766	1531	69.25	$39.95
AMD Opteron 1356	2765	1532	30.73	$89.99*
AMD Athlon II X3 455	2763	1534	70.87	$38.99*
Intel Pentium G2100T @ 2.60GHz	2763	1533	NA	NA
AMD PRO A6-7350B	2759	1535	NA	NA
Intel Xeon L5335 @ 2.00GHz	2756	1536	146.68	$18.79*
Intel Pentium G2020 @ 2.90GHz	2753	1537	45.94	$59.95*
AMD A8-7410 APU	2752	1538	NA	NA
Intel Celeron G1820 @ 2.70GHz	2750	1539	63.97	$42.99
Intel Pentium 1403 @ 2.60GHz	2742	1540	NA	NA
Intel Xeon X3210 @ 2.13GHz	2740	1541	14.76	$185.71*
AMD A6-7470K	2739	1542	22.72	$120.56
AMD Phenom II X4 B15e	2736	1543	NA	NA
AMD Phenom II X3 B73	2735	1544	36.47	$75.00*
Intel Pentium G860 @ 3.00GHz	2734	1545	32.95	$82.99
Intel Core i3-4030U @ 1.90GHz	2719	1546	NA	NA
AMD PRO A6-9500E	2717	1547	36.73	$74.00*
AMD Athlon II X4 605e	2715	1549	26.68	$101.80*
AMD Phenom X4 Quad-Core GP-9830	2715	1548	NA	NA
Intel Core i7-620M @ 2.67GHz	2713	1550	24.66	$110.01*
AMD Phenom 9750B Quad-Core	2709	1551	NA	NA
AMD A6-3600 APU	2707	1552	117.76	$22.99*
Intel Core i5-2557M @ 1.70GHz	2699	1553	NA	NA
AMD Phenom II X940 Quad-Core	2695	1554	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1555	NA	NA
Intel Core i3-540 @ 3.07GHz	2682	1556	37.05	$72.41
Intel Celeron G3900E @ 2.40GHz	2679	1557	25.05	$107.00*
AMD A6-7310 APU	2677	1558	NA	NA
AMD Opteron 3320 EE	2675	1559	NA	NA
Intel Xeon E5504 @ 2.00GHz	2668	1560	38.15	$69.95*
AMD A8-4500M APU	2666	1562	NA	NA
AMD Phenom II X3 720	2666	1561	38.10	$69.99*
AMD A8 PRO-7150B APU	2655	1563	NA	NA
Intel Pentium G850 @ 2.90GHz	2654	1564	88.84	$29.88*
Intel Core M-5Y10 @ 0.80GHz	2653	1565	NA	NA
AMD Phenom II N830 3+1	2652	1566	NA	NA
AMD Phenom II X3 715	2649	1567	31.17	$84.99*
Intel Celeron J4105 @ 1.50GHz	2644	1568	24.71	$107.00*
AMD Opteron 2380	2640	1569	58.69	$45.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X920 Quad-Core	2635	1570	NA	NA
AMD Phenom 9650 Quad-Core	2634	1571	58.60	$44.95
AMD Opteron 1354	2630	1572	19.49	$135.00*
Intel Core i3-2350M @ 2.30GHz	2630	1573	82.51	$31.88
Intel Core i3-2348M @ 2.30GHz	2626	1574	NA	NA
AMD A6 PRO-7400B	2621	1575	NA	NA
AMD Athlon II X3 450	2618	1576	74.92	$34.95
AMD A6-6420B APU	2612	1577	NA	NA
AMD Athlon 5350 APU	2611	1578	23.74	$109.99*
AMD A8-3550MX APU	2610	1579	NA	NA
AMD A10-4655M APU	2606	1580	NA	NA
AMD Phenom 9450e Quad-Core	2599	1581	24.76	$105.00*
AMD Athlon II X4 6400e	2594	1582	NA	NA
Intel Pentium G2010 @ 2.80GHz	2594	1583	51.89	$50.00*
Intel Core i5-580M @ 2.67GHz	2593	1584	23.59	$109.95
Intel Celeron G3900TE @ 2.30GHz	2591	1585	61.71	$42.00*
AMD A8-5545M APU	2588	1586	NA	NA
Intel Pentium G645 @ 2.90GHz	2586	1587	64.67	$40.00
Intel Celeron 4305UE @ 2.00GHz	2584	1589	NA	NA
Intel Core i7-2630UM @ 1.60GHz	2584	1588	NA	NA
AMD A8-6410 APU	2579	1590	NA	NA
Intel Celeron G1620 @ 2.70GHz	2578	1591	39.67	$64.99
AMD Phenom 9600B Quad-Core	2575	1592	17.50	$147.19*
Intel Core i5-560M @ 2.67GHz	2575	1593	50.68	$50.81
AMD Athlon X3 435	2574	1594	26.96	$95.49*
AMD Athlon II X3 445	2573	1595	28.28	$91.00*
Intel Celeron G1830 @ 2.80GHz	2568	1596	27.05	$94.95*
AMD Athlon II X3 440	2567	1597	95.12	$26.99*
Intel Core i3-530 @ 2.93GHz	2563	1598	69.29	$37.00
Intel Pentium G3220T @ 2.60GHz	2562	1599	40.69	$62.98*
Intel Pentium G840 @ 2.80GHz	2560	1600	73.19	$34.99*
Intel Celeron G1840T @ 2.50GHz	2554	1601	NA	NA
Intel Xeon X5270 @ 3.50GHz	2553	1602	NA	NA
AMD A9-9430	2547	1603	NA	NA
Intel Core i3-2328M @ 2.20GHz	2545	1604	27.38	$92.97*
AMD Phenom 9550 Quad-Core	2544	1605	87.78	$28.99*
Intel Core i7-610E @ 2.53GHz	2544	1606	NA	NA
Intel Atom C3558 @ 2.20GHz	2538	1607	29.52	$86.00*
AMD A4-6250J APU	2537	1608	NA	NA
AMD A9-9410	2533	1610	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2533	1609	NA	NA

Intel Core i3-2330M @ 2.20GHz	2529	1611	50.64	$49.95
AMD A4-7210 APU	2526	1612	NA	NA
Intel Pentium G640 @ 2.80GHz	2520	1613	63.01	$40.00*
AMD Phenom FX-5000 Quad-Core	2517	1614	NA	NA
AMD PRO A6-8500B	2516	1616	NA	NA
Intel Core2 Quad Q9000 @ 2.00GHz	2516	1615	6.47	$389.00*
AMD Phenom II N970 Quad-Core	2514	1617	16.76	$149.99*
Intel Xeon E5335 @ 2.00GHz	2513	1618	141.45	$17.77*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Pentium 3825U @ 1.90GHz	2508	1619	NA	NA
Intel Celeron G1630 @ 2.80GHz	2507	1620	35.83	$69.99
Intel Core i3-4030Y @ 1.60GHz	2507	1621	NA	NA
AMD Athlon X4 605e	2505	1622	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2502	1623	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1624	NA	NA
AMD GX-424CC SOC	2497	1625	NA	NA
Intel Pentium G2030T @ 2.60GHz	2496	1626	39.01	$64.00*
Intel Celeron G1820T @ 2.40GHz	2495	1627	59.42	$42.00*
Intel Celeron G1610 @ 2.60GHz	2488	1628	52.96	$47.00
Intel Core i5 E 520 @ 2.40GHz	2486	1630	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2486	1629	NA	NA
AMD Phenom II N950 Quad-Core	2482	1631	22.04	$112.60*
Intel Core i7-2610UE @ 1.50GHz	2481	1632	NA	NA
Intel Core i3-3227U @ 1.90GHz	2471	1633	NA	NA
AMD A6-6310 APU	2470	1635	NA	NA
AMD Athlon II X3 435	2470	1634	82.37	$29.99*
AMD Athlon II X4 600e	2465	1636	18.93	$130.23*
Intel Atom C3538 @ 2.10GHz	2455	1637	32.73	$75.00*
Intel Core i5-540M @ 2.53GHz	2453	1638	36.08	$68.00*
AMD Opteron 2354	2450	1639	7.38	$332.03*
AMD Phenom II X3 710	2449	1640	28.98	$84.53*
Intel Pentium Silver N5000 @ 1.10GHz	2448	1642	15.21	$161.00*
Intel Xeon X5260 @ 3.33GHz	2448	1641	45.35	$54.00*
Intel Core i3-4005U @ 1.70GHz	2446	1643	NA	NA
AMD A9-9425	2445	1644	NA	NA
Intel Core i3-4010U @ 1.70GHz	2445	1645	11.70	$209.00
AMD A6-5200 APU	2439	1646	NA	NA
Intel Core i3-2310M @ 2.10GHz	2434	1647	62.73	$38.81*
Intel Xeon E3113 @ 3.00GHz	2427	1648	247.99	$9.79*
Intel Xeon X5272 @ 3.40GHz	2425	1649	17.33	$140.00*
Intel Xeon E5240 @ 3.00GHz	2424	1650	27.31	$88.78*

Intel Celeron G555 @ 2.70GHz	2422	1651	22.23	$109.00
Intel Pentium G2020T @ 2.50GHz	2418	1652	50.81	$47.60*
Intel Xeon E7320 @ 2.13GHz	2413	1653	NA	NA
AMD GX-420CA SOC	2412	1654	NA	NA
AMD A8-3510MX APU	2410	1655	NA	NA
AMD Embedded R-Series RX-216GD	2409	1656	NA	NA
AMD A4 PRO-3340B	2402	1657	NA	NA
AMD Athlon X3 455	2401	1658	NA	NA
Intel Core i5-4200Y @ 1.40GHz	2399	1659	NA	NA
Intel Core i5-480M @ 2.67GHz	2399	1660	29.77	$80.60*
Intel Core2 Duo E8600 @ 3.33GHz	2398	1661	56.51	$42.45*
Intel Pentium 2030M @ 2.50GHz	2398	1662	17.90	$134.00*
Intel Pentium G3320TE @ 2.30GHz	2389	1663	NA	NA
AMD PRO A6-8530B	2388	1664	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1665	NA	NA
Intel Core i3-2332M @ 2.20GHz	2382	1666	NA	NA
AMD Phenom II X4 8700e	2377	1667	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i5-4210Y @ 1.50GHz	2375	1668	NA	NA
Intel Core i3-2312M @ 2.10GHz	2374	1669	NA	NA
AMD A6-6420K APU	2373	1670	15.82	$149.99*
Intel Pentium G630 @ 2.70GHz	2368	1671	23.69	$100.00
Intel Core i5-520M @ 2.40GHz	2366	1672	39.45	$59.99
Intel Celeron 2000E @ 2.20GHz	2365	1673	NA	NA
Intel Xeon E5603 @ 1.60GHz	2364	1674	18.32	$129.04*
Intel Celeron G1620T @ 2.40GHz	2362	1675	56.26	$42.00*
AMD A8-3530MX APU	2354	1676	NA	NA
AMD A4 PRO-7300B APU	2353	1678	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1677	NA	NA
Intel Celeron 3965U @ 2.20GHz	2347	1679	21.94	$107.00*
AMD A9-9420	2344	1680	NA	NA
AMD A4-6320 APU	2329	1681	33.29	$69.99*
AMD Phenom 9350e Quad-Core	2320	1682	0.69	$3,382.07*
Intel Core i5-2467M @ 1.60GHz	2319	1683	NA	NA
Intel Core i5-460M @ 2.53GHz	2319	1684	30.94	$74.95
AMD A6-6400K APU	2316	1686	32.64	$70.97*
AMD Opteron 1352	2316	1685	17.04	$135.99*
AMD Athlon X3 445	2314	1687	NA	NA
AMD A4-7300 APU	2313	1688	20.65	$112.00
Intel Celeron 2970M @ 2.20GHz	2312	1689	NA	NA
AMD A9-9400	2310	1690	NA	NA
Intel Core i3-3217U @ 1.80GHz	2307	1692	10.03	$229.99*

Intel Core i5-4220Y @ 1.60GHz	2307	1691	NA	NA
AMD Athlon II X3 425	2304	1693	85.38	$26.99*
AMD Athlon X2 280	2303	1695	68.77	$33.49*
AMD Phenom 9600 Quad-Core	2303	1694	46.11	$49.95
AMD Opteron X3216 APU	2302	1696	NA	NA
AMD E2-7110 APU	2294	1697	NA	NA
Intel Celeron G550 @ 2.60GHz	2290	1698	28.63	$80.00
Intel Xeon E5320 @ 1.86GHz	2288	1699	59.05	$38.75*
AMD Athlon II X3 420e	2285	1700	19.68	$116.15*
Intel Pentium G620 @ 2.60GHz	2285	1701	91.47	$24.99*
AMD Opteron 2376	2283	1702	13.69	$166.81*
AMD A6-6400B APU	2281	1703	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2278	1704	56.97	$39.99*
Intel Pentium Silver N5030 @ 1.10GHz	2276	1705	NA	NA
AMD Phenom II N930 Quad-Core	2275	1706	17.51	$129.95*
AMD PRO A4-3350B APU	2274	1708	NA	NA
Intel Pentium 2020M @ 2.40GHz	2274	1709	16.97	$134.00*
Intel Xeon L5310 @ 1.60GHz	2274	1707	20.22	$112.50*
Intel Xeon L3110 @ 3.00GHz	2273	1710	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1711	72.33	$31.40*
Intel Pentium 3560M @ 2.40GHz	2269	1712	NA	NA
Intel Pentium 3550M @ 2.30GHz	2266	1713	NA	NA
Intel Pentium J4205 @ 1.50GHz	2264	1714	NA	NA
Intel Celeron G1610T @ 2.30GHz	2258	1715	56.42	$40.04*
AMD Opteron 8354	2255	1716	90.22	$25.00
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i5-4202Y @ 1.60GHz	2254	1717	NA	NA
AMD Athlon X2 370K Dual Core	2251	1718	NA	NA
AMD Opteron 2393 SE	2246	1719	NA	NA
Intel Core i7-640LM @ 2.13GHz	2245	1720	NA	NA
Intel Core i5-520 @ 2.40GHz	2244	1721	NA	NA
AMD Phenom II X3 700e	2242	1723	NA	NA
Intel Celeron N4100 @ 1.10GHz	2242	1722	20.95	$107.00*
Intel Xeon E3120 @ 3.16GHz	2241	1724	NA	NA
AMD Athlon II X3 425e	2239	1725	NA	NA
AMD A6-5400B APU	2237	1726	21.30	$105.04*
AMD Phenom X4 Quad-Core GP-9600	2235	1727	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1728	NA	NA
Intel Pentium G645T @ 2.50GHz	2230	1729	NA	NA
AMD A4-6300 APU	2229	1730	48.94	$45.55*
AMD A4 PRO-7350B	2227	1731	NA	NA
AMD Phenom II X2 565	2225	1732	10.60	$209.95*

Intel Core i5-3339Y @ 1.50GHz	2225	1733	NA	NA
AMD Athlon II X3 415e	2224	1734	29.66	$75.00*
Intel Pentium 4415Y @ 1.60GHz	2222	1735	13.80	$161.00*
Intel Xeon E5310 @ 1.60GHz	2214	1736	45.19	$49.00*
Intel Core2 Duo E8700 @ 3.50GHz	2212	1737	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2210	1738	NA	NA
AMD Phenom II X3 705e	2209	1739	14.50	$152.34*
AMD Phenom X2 Dual-Core GE-5560	2206	1740	NA	NA
AMD A6-8500P	2202	1742	NA	NA
AMD Phenom 9500 Quad-Core	2202	1741	75.97	$28.99*
AMD A6-3430MX APU	2200	1743	NA	NA
Intel Celeron G540 @ 2.50GHz	2198	1744	48.85	$45.00*
Intel Core i5 750S @ 2.40GHz	2197	1745	21.97	$99.99*
AMD Athlon X3 425	2191	1746	NA	NA
AMD Phenom II X620 Dual-Core	2189	1747	NA	NA
Intel Celeron N4120 @ 1.10GHz	2179	1748	NA	NA
HP Hexa-Core 2.0GHz	2178	1749	4.32	$504.27*
AMD A4-6210 APU	2172	1750	NA	NA
AMD A8-3520M APU	2169	1751	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1752	15.95	$136.00*
Intel Core i3-390M @ 2.67GHz	2168	1753	55.69	$38.95*
AMD A6-5400K APU	2166	1754	34.94	$62.02
Intel Core i3-4012Y @ 1.50GHz	2163	1755	NA	NA
Intel Core i3-3217UE @ 1.60GHz	2162	1756	NA	NA
AMD A6-9220	2160	1757	NA	NA
AMD A4-6300B APU	2159	1758	21.59	$100.00*
Intel Xeon E3110 @ 3.00GHz	2154	1759	93.70	$22.99*
AMD A4-5300B APU	2149	1760	56.56	$38.00*
Intel Core2 Duo E8400 @ 3.00GHz	2147	1761	47.21	$45.50*
Intel Atom C2550 @ 2.40GHz	2141	1762	NA	NA
Intel Core2 Duo T9900 @ 3.06GHz	2137	1763	5.36	$398.95*
Intel Pentium G6951 @ 2.80GHz	2135	1765	22.72	$94.00*
Intel Xeon L5320 @ 1.86GHz	2135	1764	30.52	$69.99*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Athlon II X2 280	2133	1766	21.33	$99.99*
Intel Celeron G1820TE @ 2.20GHz	2132	1768	NA	NA
Intel Core i5-450M @ 2.40GHz	2132	1767	66.76	$31.95*
AMD Phenom II X2 B59	2129	1769	48.35	$44.04*
Intel Core2 Duo E8335 @ 2.93GHz	2128	1770	NA	NA
Intel Celeron G530 @ 2.40GHz	2125	1771	53.16	$39.99*
AMD A4-5050 APU	2124	1772	NA	NA

AMD A8-4555M APU	2123	1773	NA	NA
AMD A6-9225	2114	1774	NA	NA
AMD Athlon 5150 APU	2112	1775	13.21	$159.95*
AMD Phenom 9150e Quad-Core	2112	1776	52.87	$39.95*
AMD Sempron 240	2110	1777	36.39	$58.00
Intel Celeron J3455 @ 1.50GHz	2107	1778	6.02	$349.99
AMD Phenom II X2 511	2104	1779	NA	NA
AMD A6-9230	2102	1780	NA	NA
Intel Pentium A1020 @ 2.41GHz	2096	1781	NA	NA
Intel Core i5-430M @ 2.27GHz	2092	1782	14.95	$139.95*
Intel Core i3-380M @ 2.53GHz	2091	1783	38.39	$54.49
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1784	NA	NA
Intel Pentium G630T @ 2.30GHz	2086	1785	26.09	$79.99*
AMD Athlon II X2 B28	2085	1787	42.52	$49.05*
AMD Phenom II P960 Quad-Core	2085	1788	74.47	$28.00*
Intel Atom C2538 @ 2.40GHz	2085	1786	20.05	$104.00*
AMD Phenom 8850B Triple-Core	2080	1789	NA	NA
AMD Athlon X3 440	2078	1790	23.62	$87.99*
AMD PRO A6-9500B	2076	1791	NA	NA
Intel Core2 Extreme X9100 @ 3.06GHz	2076	1792	2.44	$851.00*
AMD Phenom II X2 521	2071	1793	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2070	1794	NA	NA
ZHAOXIN KaiXian ZX-C+ C4700@2.0GHz	2069	1795	NA	NA
AMD Phenom II X2 570	2068	1796	NA	NA
Intel Core2 Duo E8435 @ 3.06GHz	2068	1797	NA	NA
Intel Celeron G540T @ 2.10GHz	2067	1798	NA	NA
Intel Core i5-2537M @ 1.40GHz	2064	1799	NA	NA
AMD Phenom II X2 560	2062	1800	31.74	$64.99*
AMD A4-5100 APU	2060	1801	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1802	NA	NA
AMD Phenom 8750 Triple-Core	2058	1803	NA	NA
AMD A6-3410MX APU	2050	1804	514.02	$3.99*
Intel Pentium 4410Y @ 1.50GHz	2050	1805	12.73	$161.00*
AMD Phenom II X2 555	2043	1806	73.03	$27.98*
Intel Pentium G6960 @ 2.93GHz	2043	1807	NA	NA
Intel Atom T5700 @ 1.70GHz	2039	1808	NA	NA
AMD Phenom 8750B Triple-Core	2034	1809	NA	NA
Intel Pentium G620T @ 2.20GHz	2033	1810	25.42	$79.99*
Intel Celeron G550T @ 2.20GHz	2032	1811	NA	NA
AMD A6-3500 APU	2029	1813	50.75	$39.99*
Intel Pentium N4200 @ 1.10GHz	2029	1812	8.83	$229.81
AMD Phenom 8450e Triple-Core	2026	1814	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X2 550	2023	1816	40.47	$49.99*
Intel Celeron 1020M @ 2.10GHz	2023	1815	NA	NA
AMD A4-5300 APU	2022	1817	18.34	$110.32
AMD Phenom II X640 Dual-Core	2021	1818	NA	NA
Intel Pentium B980 @ 2.40GHz	2020	1819	28.88	$69.95*
Intel Core2 Duo P9700 @ 2.80GHz	2016	1820	NA	NA
Intel Core i3-370M @ 2.40GHz	2014	1821	57.86	$34.81
AMD R-272F APU	2007	1822	NA	NA
AMD A6-3420M APU	2004	1823	NA	NA
AMD Phenom II N870 Triple-Core	2002	1824	NA	NA
AMD Athlon II X3 400e	2000	1826	18.62	$107.43*
AMD Athlon II X3 405e	2000	1827	25.00	$79.99*
Intel Core2 Duo T9800 @ 2.93GHz	2000	1825	4.72	$423.89*
AMD Phenom X4 Quad-Core GP-9530	1994	1828	NA	NA
AMD A4-9125	1990	1829	NA	NA
Intel Core2 Duo E8300 @ 2.83GHz	1987	1830	99.44	$19.99*
AMD Phenom 8650 Triple-Core	1986	1831	39.74	$49.99*
AMD A8-3500M APU	1984	1832	28.37	$69.95
AMD GX-415GA SOC	1982	1833	NA	NA
Intel Pentium G640T @ 2.40GHz	1979	1834	NA	NA
AMD Athlon II X2 270	1975	1835	82.33	$23.99*
Intel Pentium E6800 @ 3.33GHz	1974	1836	22.19	$89.00*
Intel Pentium J2900 @ 2.41GHz	1972	1837	NA	NA
AMD A10 Micro-6700T APU	1970	1838	NA	NA
Intel Celeron 3955U @ 2.00GHz	1970	1839	NA	NA
Intel Celeron 4205U @ 1.80GHz	1970	1840	18.41	$107.00*
Intel Core i7-610 @ 2.53GHz	1969	1841	NA	NA
AMD Phenom 8850 Triple-Core	1968	1842	NA	NA
Intel Celeron 2950M @ 2.00GHz	1967	1843	NA	NA
Intel Core i7-620LM @ 2.00GHz	1963	1844	NA	NA
AMD A6-9220C	1962	1845	NA	NA
AMD A6-5357M APU	1961	1846	NA	NA
Intel Pentium 3805U @ 1.90GHz	1960	1847	NA	NA
Intel Xeon 5160 @ 3.00GHz	1958	1848	39.17	$49.99*
Intel Core2 Duo E7600 @ 3.06GHz	1957	1849	16.32	$119.95*
AMD A4-9120	1956	1850	NA	NA
Intel Core2 Duo E8235 @ 2.80GHz	1955	1851	NA	NA
AMD R-460L APU	1954	1852	NA	NA
Intel Pentium B970 @ 2.30GHz	1950	1853	38.26	$50.99*
Intel Celeron 3765U @ 1.90GHz	1948	1854	NA	NA
AMD Athlon II X2 250e	1939	1855	25.28	$76.73*

AMD Athlon X2 340 Dual Core	1938	1856	38.78	$49.99*
Intel Core2 Duo E6850 @ 3.00GHz	1938	1857	38.78	$49.99*
Intel Core i3-330E @ 2.13GHz	1935	1858	NA	NA
AMD Phenom II N850 Triple-Core	1934	1859	77.38	$25.00*
Intel Pentium N3540 @ 2.16GHz	1932	1860	7.70	$250.87*
AMD Phenom X3 8550	1931	1861	11.36	$169.95*
Intel Pentium E6700 @ 3.20GHz	1929	1862	64.33	$29.99*
Intel Core2 Duo T9600 @ 2.80GHz	1926	1863	21.42	$89.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-5000 APU	1922	1864	NA	NA
AMD Phenom II X2 B55	1920	1865	40.06	$47.95*
AMD E2-6110 APU	1919	1866	NA	NA
AMD Opteron 2224 SE	1919	1867	NA	NA
AMD Phenom 8600B Triple-Core	1919	1869	36.22	$52.99*
Intel Pentium J3710 @ 1.60GHz	1919	1868	NA	NA
AMD Phenom II X2 545	1918	1870	43.62	$43.98*
AMD A4-4020 APU	1909	1871	23.00	$83.00
AMD A6-5350M APU	1907	1872	44.25	$43.12
Intel Celeron 3865U @ 1.80GHz	1904	1874	NA	NA
Intel Pentium N3530 @ 2.16GHz	1904	1873	NA	NA
AMD Athlon II X2 B26	1903	1875	42.36	$44.95*
Intel Xeon @ 2.20GHz	1902	1876	NA	NA
Intel Core i3-4010Y @ 1.30GHz	1900	1877	NA	NA
Intel Atom x7-Z8750 @ 1.60GHz	1899	1878	NA	NA
VIA QuadCore C4650@2.0GHz	1897	1879	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1880	4.62	$409.95*
AMD Athlon II X2 265	1892	1881	22.84	$82.88*
Intel Core i3-350M @ 2.27GHz	1892	1882	54.61	$34.65
Intel Atom x7-Z8700 @ 1.60GHz	1891	1883	25.69	$73.63*
AMD Phenom II N830 Triple-Core	1890	1884	NA	NA
Intel Pentium E5800 @ 3.20GHz	1888	1885	83.92	$22.50*
AMD Phenom 8450 Triple-Core	1887	1886	63.03	$29.95*
AMD A6-3400M APU	1886	1887	62.96	$29.97*
Intel Atom E3950 @ 1.60GHz	1886	1888	NA	NA
Intel Core2 Duo E8200 @ 2.66GHz	1882	1889	37.66	$49.99*
AMD Athlon II X2 260	1878	1890	93.99	$19.99*
AMD Phenom II P920 Quad-Core	1874	1891	24.99	$75.00*
Intel Core2 Duo E7500 @ 2.93GHz	1873	1892	124.97	$14.99*
Intel Core2 Extreme X6800 @ 2.93GHz	1873	1893	7.11	$263.64*
Intel Atom E3940 @ 1.60GHz	1867	1894	NA	NA
Intel Core2 Duo P9600 @ 2.66GHz	1867	1895	NA	NA

AMD A4-5150M APU	1864	1896	NA	NA
Intel Pentium N3710 @ 1.60GHz	1864	1897	NA	NA
Intel Celeron 3867U @ 1.80GHz	1862	1898	17.41	$107.00*
Intel Pentium E6600 @ 3.06GHz	1861	1899	18.62	$100.00*
Intel Core2 Duo E8335 @ 2.66GHz	1855	1900	NA	NA
Intel Pentium G6950 @ 2.80GHz	1855	1901	46.41	$39.99*
Intel Celeron J1900 @ 1.99GHz	1853	1902	NA	NA
Intel Celeron N3450 @ 1.10GHz	1851	1904	10.00	$185.08*
Intel Pentium B960 @ 2.20GHz	1851	1903	37.80	$48.99*
AMD Phenom II N660 Dual-Core	1844	1905	18.64	$99.00
AMD Opteron 2222	1843	1906	1.11	$1,664.98*
AMD Athlon II X2 255	1842	1907	28.25	$65.22*
Intel Xeon W3505 @ 2.53GHz	1842	1908	74.10	$24.86*
Intel Xeon 3075 @ 2.66GHz	1840	1909	5.26	$349.95*
AMD A6 Micro-6500T APU	1834	1910	NA	NA
AMD Phenom 9100e Quad-Core	1833	1911	45.89	$39.95*
Intel Atom x5-Z8550 @ 1.44GHz	1832	1912	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Phenom II P940 Quad-Core	1831	1914	NA	NA
Intel Pentium N3700 @ 1.60GHz	1831	1913	4.12	$444.78*
AMD A4-4000 APU	1826	1916	14.24	$128.27*
Intel Core i3-2377M @ 1.50GHz	1826	1915	NA	NA
AMD A8-7050	1824	1917	NA	NA
AMD Phenom II X2 B57	1823	1918	NA	NA
Intel Xeon L5238 @ 2.66GHz	1823	1919	NA	NA
Intel Pentium 2127U @ 1.90GHz	1814	1920	13.54	$134.00*
Intel Celeron 1005M @ 1.90GHz	1808	1921	NA	NA
AMD Athlon X2 235e	1806	1922	NA	NA
Intel Pentium N3520 @ 2.16GHz	1803	1923	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1802	1924	6.03	$298.95*
Intel Atom Z3795 @ 1.60GHz	1798	1925	NA	NA
Intel Core2 Extreme X7800 @ 2.60GHz	1798	1926	NA	NA
Intel Celeron J3160 @ 1.60GHz	1795	1927	NA	NA
AMD Athlon 64 FX-72	1794	1928	NA	NA
Intel Core2 Duo T9500 @ 2.60GHz	1792	1929	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1789	1930	NA	NA
AMD Athlon II X2 B24	1785	1931	44.70	$39.95
AMD Athlon 64 X2 Dual Core 6400+	1784	1932	6.87	$259.95*
Intel Core i3-330M @ 2.13GHz	1784	1933	11.16	$159.95*
Intel Xeon 3070 @ 2.66GHz	1784	1934	10.08	$176.96
Intel Core i3-2375M @ 1.50GHz	1776	1935	NA	NA
Intel Pentium J2850 @ 2.41GHz	1775	1936	NA	NA

AMD A9-9420e	1774	1937	NA	NA
Intel Celeron G530T @ 2.00GHz	1773	1938	NA	NA
Intel Xeon 3085 @ 3.00GHz	1772	1939	NA	NA
Intel Core2 Duo E7400 @ 2.80GHz	1770	1940	61.06	$28.99*
Intel Pentium E6500 @ 2.93GHz	1766	1941	11.18	$157.95*
AMD Embedded G-Series GX-215JJ Radeon R2E	1764	1942	NA	NA
AMD A6-9200	1763	1943	NA	NA
Intel Xeon W3503 @ 2.40GHz	1758	1944	176.01	$9.99*
AMD Opteron 1222	1757	1946	NA	NA
AMD Phenom X4 Quad-Core GP-9500	1757	1945	NA	NA
AMD Phenom II P860 Triple-Core	1756	1947	NA	NA
AMD A6-9210	1755	1948	NA	NA
Intel Core2 Duo P9600 @ 2.53GHz	1754	1949	17.72	$99.00*
AMD Phenom X2 Dual-Core GE-7060	1752	1950	NA	NA
Intel Celeron J4025 @ 2.00GHz	1750	1951	NA	NA
Intel Core2 Duo P9500 @ 2.53GHz	1749	1952	1.75	$998.99*
Intel Core i7-660UM @ 1.33GHz	1745	1953	NA	NA
Intel Core2 Duo P8800 @ 2.66GHz	1740	1954	30.55	$56.99*
Intel Xeon 5150 @ 2.66GHz	1740	1955	12.44	$139.95*
AMD Athlon II X2 250	1737	1956	44.61	$38.95
Intel Core2 Duo T9400 @ 2.53GHz	1736	1958	38.63	$44.95*
Intel Pentium E5700 @ 3.00GHz	1736	1957	115.87	$14.99*
Intel Celeron 1037U @ 1.80GHz	1733	1959	NA	NA
Intel Core2 Duo E7300 @ 2.66GHz	1727	1960	43.31	$39.88*
Intel Pentium B940 @ 2.00GHz	1725	1961	57.63	$29.94*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Phenom II N640 Dual-Core	1722	1962	26.53	$64.95*
Intel Core i3-2340UE @ 1.30GHz	1719	1963	NA	NA
AMD Sempron 3850 APU	1718	1964	23.83	$72.10
Intel Celeron N2940 @ 1.83GHz	1716	1965	NA	NA
AMD Athlon II X2 B22	1715	1966	41.16	$41.69*
Intel Celeron B840 @ 1.90GHz	1715	1967	NA	NA
AMD Athlon II X2 245e	1714	1968	20.34	$84.27
AMD Phenom II P840 Triple-Core	1713	1969	NA	NA
Intel Core2 Duo E6750 @ 2.66GHz	1712	1970	166.28	$10.30*
AMD Athlon 7850 Dual-Core	1710	1972	8.16	$209.65*
Intel Core i7-680UM @ 1.47GHz	1710	1973	NA	NA
Intel Pentium B950 @ 2.10GHz	1710	1971	NA	NA
AMD Phenom II X2 B53	1709	1974	NA	NA
Intel Core i3-2367M @ 1.40GHz	1705	1976	NA	NA
Intel Pentium E6300 @ 2.80GHz	1705	1975	165.57	$10.30*
Intel Celeron U1900 @ 1.99GHz	1704	1977	NA	NA

Intel Celeron 3755U @ 1.70GHz	1702	1978	NA	NA
AMD Opteron 2220	1701	1979	21.29	$79.95
Intel Core i3-3229Y @ 1.40GHz	1700	1980	NA	NA
AMD Athlon II X2 240e	1697	1981	48.58	$34.95*
AMD Phenom X2 Dual-Core GE-4060	1697	1982	NA	NA
AMD Athlon X2 250	1696	1983	NA	NA
Intel Core2 Duo E6700 @ 2.66GHz	1693	1984	56.46	$29.99*
Intel Atom x5-Z8500 @ 1.44GHz	1692	1986	27.05	$62.57*
Intel Core2 Extreme X7900 @ 2.80GHz	1692	1985	NA	NA
AMD Phenom II N620 Dual-Core	1687	1989	422.97	$3.99*
AMD PRO A4-4350B	1687	1988	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1987	NA	NA
Intel Core i3-2365M @ 1.40GHz	1682	1990	NA	NA
AMD Phenom 8600 Triple-Core	1675	1993	31.62	$52.99*
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1992	5.90	$284.00*
Intel Core2 Duo T9300 @ 2.50GHz	1675	1991	28.90	$57.99*
Intel Celeron N3160 @ 1.60GHz	1671	1994	5.97	$279.99
AMD Athlon X2 240e	1670	1996	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1670	1995	NA	NA
Intel Core i5-560UM @ 1.33GHz	1669	1997	NA	NA
AMD Phenom 8250 Triple-Core	1668	1999	NA	NA
Intel Celeron 1000M @ 1.80GHz	1668	1998	NA	NA
AMD A6-7000	1667	2000	NA	NA
Intel Celeron G1101 @ 2.27GHz	1667	2002	84.34	$19.77*
Intel Pentium 3558U @ 1.70GHz	1667	2001	NA	NA
Intel Celeron N3150 @ 1.60GHz	1666	2003	NA	NA
AMD A4-3420 APU	1664	2004	NA	NA
AMD QC-4000	1663	2005	NA	NA
Intel Celeron 3855U @ 1.60GHz	1663	2006	NA	NA
AMD Athlon II X2 245	1661	2009	47.53	$34.95*
AMD Opteron 1220	1661	2008	NA	NA
Intel Pentium 3556U @ 1.70GHz	1661	2007	NA	NA
Intel Celeron N2930 @ 1.83GHz	1659	2010	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Athlon II X2 235e	1658	2011	9.12	$181.88*
Intel Pentium 2117U @ 1.80GHz	1657	2012	12.37	$134.00*
Intel Celeron 3215U @ 1.70GHz	1652	2013	NA	NA
AMD E2-3800 APU	1648	2014	NA	NA
AMD E2-9000	1646	2015	NA	NA
AMD A6-4400M APU	1644	2017	205.87	$7.99*
AMD Athlon II X2 240	1644	2016	102.87	$15.99*

Intel Pentium E5500 @ 2.80GHz	1637	2018	63.01	$25.99*
Intel Xeon 5140 @ 2.33GHz	1636	2019	65.49	$24.99*
AMD Athlon II X2 220	1635	2021	50.81	$32.19
AMD Phenom 8250e Triple-Core	1635	2020	34.81	$46.99*
AMD E2-9010	1634	2022	NA	NA
AMD Athlon II X2 4400e	1632	2024	NA	NA
AMD Phenom 8400 Triple-Core	1632	2023	NA	NA
Intel Core i7-640UM @ 1.20GHz	1631	2025	NA	NA
AMD Athlon X2 255	1627	2026	NA	NA
Intel Core2 Duo E7200 @ 2.53GHz	1625	2027	33.17	$49.00*
Intel Core2 Duo P8700 @ 2.53GHz	1622	2028	42.71	$37.99*
Intel Celeron J1850 @ 1.99GHz	1617	2029	NA	NA
AMD A6 PRO-7050B APU	1616	2030	NA	NA
AMD A4-4300M APU	1614	2031	40.52	$39.86
Athlon 64 Dual Core 5400+	1614	2032	NA	NA
AMD Athlon X2 240	1611	2033	NA	NA
Intel Celeron 3965Y @ 1.50GHz	1607	2034	15.03	$107.00*
Intel Celeron 2002E @ 1.50GHz	1605	2035	18.67	$86.00*
Intel Pentium A1018 @ 2.10GHz	1605	2036	NA	NA
AMD Athlon 64 X2 Dual Core 6000+	1602	2037	34.88	$45.95
AMD Phenom II P820 Triple-Core	1602	2038	NA	NA
Intel Core2 Duo T7800 @ 2.60GHz	1601	2039	2.63	$607.99*
Intel Xeon 5133 @ 2.20GHz	1598	2040	NA	NA
Intel Pentium E5400 @ 2.70GHz	1596	2041	89.89	$17.76*
AMD Opteron 2218	1594	2042	19.94	$79.95
AMD A4-3400 APU	1593	2043	18.12	$87.95
AMD Athlon II X2 210e	1593	2044	NA	NA
Intel Celeron 2980U @ 1.60GHz	1593	2045	NA	NA
Intel Xeon 5148 @ 2.33GHz	1590	2046	121.17	$13.13*
AMD A6-9220e	1586	2047	NA	NA
AMD Phenom II P650 Dual-Core	1579	2048	45.14	$35.00*
AMD R-260H APU	1576	2049	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	2050	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1572	2051	NA	NA
AMD Athlon 7750 Dual-Core	1569	2052	10.26	$152.99*
AMD Athlon II X2 215	1567	2053	130.72	$11.99*
AMD Turion II N530 Dual-Core	1567	2054	52.24	$30.00*
Intel Core2 Duo P9300 @ 2.26GHz	1564	2055	NA	NA
AMD Athlon II N370 Dual-Core	1559	2056	NA	NA
Intel Core i3-2357M @ 1.30GHz	1556	2057	NA	NA
Intel Core2 Duo E6600 @ 2.40GHz	1554	2058	103.71	$14.99*
Intel Celeron J4005 @ 2.00GHz	1552	2059	10.55	$147.13

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4 Micro-6400T APU	1551	2060	NA	NA
Athlon 64 Dual Core 5600+	1548	2061	NA	NA
AMD Athlon X2 215	1543	2062	NA	NA
AMD A4-9120C	1539	2063	NA	NA
AMD A6-1450 APU	1539	2064	NA	NA
Intel Pentium E5300 @ 2.60GHz	1539	2065	35.55	$43.31*
Intel Core2 Duo P8600 @ 2.40GHz	1536	2066	31.25	$49.18*
AMD Sempron X2 190	1534	2067	18.39	$83.44*
AMD Turion II Ultra Dual-Core Mobile M660	1533	2068	NA	NA
AMD Athlon II X2 225	1526	2069	NA	NA
AMD Turion II N550 Dual-Core	1521	2070	NA	NA
Intel Xeon 3065 @ 2.33GHz	1520	2071	72.77	$20.90*
Intel Pentium N3510 @ 1.99GHz	1519	2072	NA	NA
AMD Opteron 2216	1518	2075	56.64	$26.80
Intel Core2 Duo P7550 @ 2.26GHz	1518	2074	6.60	$229.99*
Intel Xeon 3060 @ 2.40GHz	1518	2073	66.07	$22.99*
AMD Athlon 64 X2 Dual Core 5800+	1516	2076	60.68	$24.99*
AMD E2-9030	1515	2077	NA	NA
AMD Turion II P560 Dual-Core	1513	2078	NA	NA
Intel Celeron B830 @ 1.80GHz	1513	2079	NA	NA
Intel Celeron N2920 @ 1.86GHz	1513	2080	NA	NA
Athlon 64 Dual Core 5000+	1507	2081	NA	NA
AMD A4-3300 APU	1504	2083	115.80	$12.99
AMD Athlon II X2 4450e	1504	2082	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	2084	NA	NA
AMD GX-412HC	1503	2085	NA	NA
Intel Celeron 1017U @ 1.60GHz	1502	2086	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1497	2087	100.17	$14.95*
AMD Athlon 64 FX-74	1495	2088	2.99	$499.50*
Intel Core2 Duo E8135 @ 2.40GHz	1490	2089	NA	NA
Intel Celeron 3205U @ 1.50GHz	1489	2090	5.19	$287.04*
AMD Athlon 64 X2 Dual Core 5600+	1487	2091	8.27	$179.95*
Intel Pentium E5200 @ 2.50GHz	1486	2092	24.79	$59.95*
AMD Athlon II X2 4300e	1483	2093	NA	NA
Intel Core2 Duo E4700 @ 2.60GHz	1481	2094	54.89	$26.99*
AMD A6-5345M APU	1476	2095	NA	NA
AMD Athlon 7550 Dual-Core	1472	2096	24.54	$60.00
Intel Core2 Duo T8300 @ 2.40GHz	1472	2097	13.51	$108.95*
AMD Opteron 285	1470	2098	18.39	$79.95
AMD Opteron 1218	1468	2099	NA	NA

AMD Opteron 290	1464	2100	10.85	$135.00*
Intel Core2 Duo P7570 @ 2.26GHz	1455	2101	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	2103	NA	NA
Intel Celeron E3500 @ 2.70GHz	1454	2102	36.37	$39.99*
Intel Core2 Duo P8400 @ 2.26GHz	1453	2104	4.89	$297.01*
Intel Core2 Duo E6540 @ 2.33GHz	1451	2105	NA	NA
AMD Athlon 7450 Dual-Core	1449	2106	NA	NA
AMD Athlon 64 X2 Dual Core 5400+	1444	2107	27.26	$52.99*
AMD Opteron 1218 HE	1444	2108	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Celeron E3400 @ 2.60GHz	1441	2109	2.36	$610.00*
AMD Phenom X2 Dual-Core GP-7730	1435	2110	NA	NA
AMD Turion II Ultra Dual-Core Mobile M620	1435	2111	NA	NA
Intel Celeron 2957U @ 1.40GHz	1434	2112	NA	NA
AMD Turion II P540 Dual-Core	1432	2113	28.68	$49.95*
Intel Celeron B820 @ 1.70GHz	1431	2115	36.42	$39.29*
Intel Celeron N4000 @ 1.10GHz	1431	2114	13.38	$107.00*
AMD Athlon X2 440	1424	2116	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1423	2117	10.17	$139.95*
AMD Athlon Dual Core 5400B	1420	2118	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1417	2119	35.45	$39.99*
AMD Opteron 2214 HE	1415	2120	NA	NA
AMD Sempron X2 198 Dual-Core	1413	2121	NA	NA
Intel Celeron 2955U @ 1.40GHz	1412	2122	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1406	2123	52.55	$26.76*
Intel Xeon E5205 @ 1.86GHz	1401	2124	98.21	$14.27*
Intel Celeron B810 @ 1.60GHz	1399	2125	NA	NA
AMD Opteron 2220 SE	1398	2126	55.92	$25.00*
Intel Pentium 997 @ 1.60GHz	1395	2127	NA	NA
AMD Athlon Dual Core 4850B	1391	2129	NA	NA
AMD Sempron X2 180	1391	2128	20.05	$69.40*
Intel Celeron 1007U @ 1.50GHz	1389	2130	7.51	$184.99*
Intel Celeron E3300 @ 2.50GHz	1389	2131	24.38	$57.00
Intel Core2 Duo E4600 @ 2.40GHz	1384	2132	8.76	$157.95*
Intel Celeron 2981U @ 1.60GHz	1383	2133	NA	NA
AMD Athlon 64 X2 Dual Core 5200+	1382	2134	23.03	$60.00*
AMD E2-3200 APU	1381	2135	172.96	$7.99*
Intel Xeon E5503 @ 2.00GHz	1381	2136	4.81	$287.01*
Intel Celeron E3200 @ 2.40GHz	1379	2137	26.54	$51.99*
Intel Core2 Duo T7600 @ 2.33GHz	1379	2138	12.54	$109.95
Intel Xeon E5502 @ 1.87GHz	1378	2139	14.51	$95.00*
Intel Core i5-540UM @ 1.20GHz	1375	2140	NA	NA

Intel Pentium P6300 @ 2.27GHz	1372	2141	NA	NA
Athlon 64 Dual Core 4800+	1370	2142	NA	NA
Intel Xeon 5130 @ 2.00GHz	1366	2143	27.90	$48.99*
Intel Celeron B815 @ 1.60GHz	1365	2144	NA	NA
VIA QuadCore L4700 @ 1.2+ GHz	1363	2145	NA	NA
Intel Core2 Duo T6670 @ 2.20GHz	1361	2146	NA	NA
Intel Core2 Duo E6420 @ 2.13GHz	1360	2147	27.21	$49.99*
AMD Turion II P520 Dual-Core	1359	2148	NA	NA
AMD Opteron 2214	1358	2151	46.85	$29.00*
AMD Turion II Neo N54L Dual-Core	1358	2149	NA	NA
Intel Core2 Duo T6600 @ 2.20GHz	1358	2150	71.89	$18.90*
Intel Pentium P6200 @ 2.13GHz	1350	2152	30.05	$44.95*
Intel Core i5-520UM @ 1.07GHz	1348	2153	NA	NA
Athlon Dual Core 4850e	1346	2155	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1346	2154	NA	NA
AMD Athlon Dual Core 5050e	1345	2156	22.43	$60.00*
AMD Opteron 185	1342	2157	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core i5-430UM @ 1.20GHz	1341	2158	NA	NA
AMD Turion II Dual-Core Mobile M540	1338	2161	NA	NA
Intel Core i7-620UM @ 1.07GHz	1338	2160	NA	NA
Intel Xeon L3406 @ 2.27GHz	1338	2159	4.83	$277.01*
Intel Pentium T4500 @ 2.30GHz	1332	2162	NA	NA
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2163	NA	NA
Intel Pentium E2220 @ 2.40GHz	1330	2164	15.48	$85.99*
Intel Celeron P4600 @ 2.00GHz	1328	2165	NA	NA
Intel Pentium P6100 @ 2.00GHz	1327	2166	46.66	$28.44*
AMD Athlon II P360 Dual-Core	1318	2167	54.94	$24.00*
AMD Athlon Dual Core 5200B	1316	2168	NA	NA
AMD Athlon 64 X2 Dual Core 5000+	1314	2169	3.96	$331.49*
AMD Athlon Dual Core 4850e	1312	2170	33.66	$39.00*
AMD Opteron 1216	1311	2172	23.91	$54.85*
Intel Core2 Duo P7370 @ 2.00GHz	1311	2171	NA	NA
AMD Athlon Dual Core 5000B	1308	2173	13.77	$95.00*
AMD Opteron 1212 HE	1308	2174	NA	NA
AMD Turion II Dual-Core Mobile M520	1307	2175	18.92	$69.10*
AMD Athlon Dual Core 5600B	1304	2177	NA	NA
AMD E2-9000e	1304	2176	NA	NA
Intel Xeon 3050 @ 2.13GHz	1300	2178	8.23	$157.95*
AMD Opteron 1214 HE	1299	2179	NA	NA
Intel Celeron G470 @ 2.00GHz	1298	2180	NA	NA

Intel Core2 Duo T8100 @ 2.10GHz	1298	2181	1.30	$999.99*
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1295	2182	23.56	$55.00*
AMD Turion II Dual-Core Mobile M500	1294	2183	NA	NA
AMD Athlon 5000 Dual-Core	1292	2184	10.78	$119.95
AMD Opteron 275	1291	2186	15.74	$82.05*
Intel Celeron 877 @ 1.40GHz	1291	2185	NA	NA
Intel Core2 Duo P7350 @ 2.00GHz	1289	2187	64.51	$19.99*
Intel Core2 Duo E6400 @ 2.13GHz	1288	2188	43.01	$29.95*
AMD A4-3310MX APU	1286	2189	NA	NA
AMD Athlon 64 X2 4200+	1285	2190	4.16	$308.95*
AMD Athlon II X2 270u	1285	2191	18.99	$67.67*
AMD A6-4455M APU	1284	2192	NA	NA
Intel Core2 Duo T6500 @ 2.10GHz	1284	2193	85.71	$14.99*
AMD Athlon 64 FX-60 Dual Core	1282	2194	NA	NA
Intel Pentium T4400 @ 2.20GHz	1282	2195	NA	NA
Intel Atom Z3775D @ 1.49GHz	1278	2196	NA	NA
Intel Xeon 3040 @ 1.86GHz	1278	2197	51.05	$25.04*
Intel Atom x5-Z8350 @ 1.44GHz	1276	2198	60.77	$21.00*
Intel Celeron 887 @ 1.50GHz	1276	2199	NA	NA
Intel Atom Z3775 @ 1.46GHz	1275	2200	36.45	$35.00*
Celeron Dual-Core T3500 @ 2.10GHz	1273	2203	NA	NA
Intel Celeron B800 @ 1.50GHz	1273	2201	NA	NA
Intel Core2 Duo T7500 @ 2.20GHz	1273	2202	29.62	$42.99*
Intel Core2 Duo E4500 @ 2.20GHz	1272	2204	17.85	$71.25*
AMD Opteron 2212	1270	2205	63.53	$20.00*
AMD Athlon 5200 Dual-Core	1266	2207	42.23	$29.99*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Pentium 3560Y @ 1.20GHz	1266	2206	NA	NA
VIA Eden X4 C4250 @ 1.2+GHz	1262	2208	NA	NA
AMD GX-222GC SOC	1255	2211	NA	NA
Intel Celeron E1600 @ 2.40GHz	1255	2209	NA	NA
Intel Core2 Duo T6570 @ 2.10GHz	1255	2210	32.61	$38.50*
AMD Athlon 64 X2 Dual Core 4800+	1254	2212	2.73	$459.95*
AMD A4-3320M APU	1253	2213	33.98	$36.90
Intel Atom Z3770 @ 1.46GHz	1252	2214	8.38	$149.44*
Intel Core2 Duo SL9400 @ 1.86GHz	1252	2215	4.95	$253.00*
Intel Core2 Duo T7400 @ 2.16GHz	1252	2216	NA	NA
AMD Athlon II P340 Dual-Core	1251	2218	25.05	$49.95
AMD Athlon X2 Dual Core BE-2450	1251	2217	NA	NA
AMD Athlon II N350 Dual-Core	1249	2219	NA	NA
Intel Xeon 5120 @ 1.86GHz	1248	2220	0.77	$1,619.99
Intel Pentium P6000 @ 1.87GHz	1244	2221	NA	NA

AMD Opteron 180	1236	2222	9.51	$129.95*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2223	27.43	$45.00*
Athlon 64 Dual Core 3800+	1234	2224	NA	NA
Intel Pentium T4300 @ 2.10GHz	1232	2225	NA	NA
AMD A4-3305M APU	1228	2226	39.87	$30.81
Intel Celeron N4000C @ 1.10GHz	1226	2227	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1225	2228	81.79	$14.99*
Intel Pentium 987 @ 1.50GHz	1223	2229	NA	NA
AMD Athlon 64 X2 Dual Core 4600+	1220	2230	3.39	$359.95*
AMD A4-3330MX APU	1218	2231	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1217	2232	30.48	$39.95*
AMD Athlon II P320 Dual-Core	1215	2233	40.58	$29.95*
AMD Athlon X2 Dual Core BE-2400	1213	2234	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	2235	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2236	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2237	63.72	$18.99*
AMD GX-218GL SOC	1207	2238	NA	NA
Dual-Core AMD Opteron 1220 SE	1206	2239	NA	NA
Intel Core2 Duo T5850 @ 2.16GHz	1206	2240	75.86	$15.90*
Athlon Dual Core 4450e	1204	2241	NA	NA
Celeron Dual-Core T3300 @ 2.00GHz	1200	2243	NA	NA
Intel Pentium E2200 @ 2.20GHz	1200	2242	16.01	$75.00*
Intel Core2 Duo T7300 @ 2.00GHz	1195	2244	38.59	$30.99*
AMD Opteron 1214	1191	2245	4.11	$290.00*
Intel Atom x5-Z8300 @ 1.44GHz	1190	2246	8.95	$132.99*
Intel Celeron N2910 @ 1.60GHz	1189	2247	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2248	NA	NA
AMD A4-3300M APU	1186	2250	39.57	$29.99*
AMD Turion II Neo K685 Dual-Core	1186	2249	NA	NA
Intel Core2 Duo E6320 @ 1.86GHz	1185	2251	23.71	$49.99*
AMD Phenom X2 Dual-Core GP-5000	1180	2252	NA	NA
AMD A4-4355M APU	1177	2253	NA	NA
AMD Opteron 280	1176	2254	18.10	$65.00*
Celeron Dual-Core T3100 @ 1.90GHz	1175	2255	27.98	$42.00*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Pentium E2210 @ 2.20GHz	1174	2256	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2258	39.12	$29.99*
VIA QuadCore U4650 @ 1.0+ GHz	1173	2257	NA	NA
AMD Opteron 1216 HE	1172	2259	NA	NA
AMD Athlon Dual Core 4450B	1170	2260	37.76	$31.00*
AMD Opteron 270	1170	2261	1.93	$607.47*

Intel Celeron E1500 @ 2.20GHz	1168	2262	59.47	$19.65
AMD Opteron 175	1167	2264	NA	NA
Intel Core2 Duo T7200 @ 2.00GHz	1167	2263	11.68	$99.95*
AMD Turion 64 X2 Mobile TL-68	1162	2265	12.92	$90.00*
Intel Atom E3840 @ 1.91GHz	1162	2266	NA	NA
Intel Core i3-380UM @ 1.33GHz	1160	2267	NA	NA
Intel Core2 Duo E4400 @ 2.00GHz	1159	2268	23.19	$49.99*
Athlon 64 Dual Core 4200+	1156	2269	5.64	$204.95*
AMD Athlon II N330 Dual-Core	1154	2270	NA	NA
Intel Core2 Duo T5870 @ 2.00GHz	1153	2271	NA	NA
Intel Pentium T4200 @ 2.00GHz	1152	2272	96.03	$12.00*
AMD Turion X2 Dual-Core Mobile RM-77	1149	2273	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2274	NA	NA
Intel Celeron J3355 @ 2.00GHz	1147	2275	NA	NA
Intel Celeron 857 @ 1.20GHz	1146	2276	NA	NA
AMD Athlon 64 X2 Dual Core 4400+	1145	2277	19.10	$60.00
AMD Athlon II Dual-Core M320	1141	2279	38.03	$30.00*
AMD Turion 64 X2 Mobile TL-66	1141	2278	3.02	$378.00*
AMD E2-3000 APU	1140	2281	NA	NA
Intel Pentium 967 @ 1.30GHz	1140	2280	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1129	2282	NA	NA
AMD Turion X2 Dual-Core Mobile RM-75	1120	2283	NA	NA
Intel Celeron P4500 @ 1.87GHz	1116	2285	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2284	NA	NA
Intel Pentium T3400 @ 2.16GHz	1116	2286	12.41	$89.95*
Intel Core2 Duo T7250 @ 2.00GHz	1115	2287	5.54	$201.48*
AMD Athlon II Dual-Core M300	1113	2290	NA	NA
AMD GX-217GA SOC	1113	2288	NA	NA
Intel Core2 Duo T5800 @ 2.00GHz	1113	2289	NA	NA
Intel Celeron N3350 @ 1.10GHz	1112	2291	4.28	$259.95
AMD Athlon Dual Core 4450e	1111	2292	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2293	NA	NA
AMD Athlon X2 Dual Core BE-2350	1109	2294	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	2295	NA	NA
Intel Core2 Duo E6300 @ 1.86GHz	1108	2296	85.30	$12.99*
AMD Athlon II X2 260u	1107	2297	13.28	$83.44*
AMD Opteron 170	1097	2298	NA	NA
AMD Athlon 64 X2 Dual Core 4200+	1096	2299	5.35	$204.95
AMD Athlon 64 X2 Dual Core BE-230	1095	2301	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2300	8.18	$134.00*
Intel Core2 Duo T5750 @ 2.00GHz	1094	2302	109.60	$9.99*
AMD E2-3000M APU	1093	2303	54.67	$20.00*

AMD Turion 64 X2 Mobile TL-62	1092	2304	3.51	$311.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 X2 Mobile TL-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*
Intel Core i3-330UM @ 1.20GHz	1075	2316	NA	NA
Intel Celeron G465 @ 1.90GHz	1073	2317	10.73	$100.00*
Intel Atom Z3740 @ 1.33GHz	1068	2318	NA	NA
Intel Core i5-470UM @ 1.33GHz	1067	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 Celeron E1400 @ 2.00GHz	1053	2325	15.05	$69.99
Intel Core2 Duo E4300 @ 1.80GHz	1052	2326	6.58	$159.95
AMD Athlon 64 X2 QL-65	1050	2327	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1044	2329	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2328	NA	NA
Intel Xeon 3.73GHz	1041	2330	NA	NA
Intel Celeron G460 @ 1.80GHz	1040	2331	16.01	$65.00
Intel Core2 Duo T5550 @ 1.83GHz	1040	2332	NA	NA
Intel Celeron J1750 @ 2.41GHz	1037	2333	NA	NA
Intel Pentium T3200 @ 2.00GHz	1034	2334	86.19	$12.00*
Intel Atom x5-Z8330 @ 1.44GHz	1029	2335	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2336	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2337	NA	NA
Intel 1500 @ 2.00GHz	1024	2338	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2339	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1023	2340	16.51	$62.00*
Intel Celeron 847E @ 1.10GHz	1021	2342	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2341	NA	NA
AMD Turion Dual-Core RM-75	1019	2345	37.11	$27.46*

Intel Celeron J1800 @ 2.41GHz	1019	2343	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1019	2344	46.34	$21.99*
Intel Atom Z3745D @ 1.33GHz	1018	2346	NA	NA
AMD Turion Dual-Core RM-74	1016	2347	NA	NA
AMD E1-7010 APU	1013	2348	NA	NA
Intel Atom Z3740D @ 1.33GHz	1011	2349	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2350	NA	NA
AMD Opteron 1212	1009	2351	3.48	$290.00*
AMD Athlon 64 X2 QL-67	1006	2352	NA	NA
AMD Athlon 64 X2 QL-62	1005	2353	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 250u	1004	2354	28.74	$34.95
AMD Athlon Neo X2 Dual Core 6850e	1002	2355	NA	NA
Intel Celeron N2840 @ 2.16GHz	1001	2356	NA	NA
AMD Athlon 64 X2 Dual Core 3800+	1000	2357	NA	NA
AMD Turion 64 X2 Mobile TL-60	999	2358	62.67	$15.95*
AMD Athlon X2 Dual Core 6850e	998	2359	NA	NA
AMD TurionX2 Dual Core Mobile RM-70	997	2360	NA	NA
AMD Sempron Dual Core 2200	995	2361	NA	NA
Intel Pentium E2160 @ 1.80GHz	995	2362	64.18	$15.51*
AMD Athlon 64 X2 Dual Core 3400+	994	2364	NA	NA
AMD Athlon 64 X2 QL-64	994	2363	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2365	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2366	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	991	2367	NA	NA
AMD Athlon 64 X2 TK-57	988	2368	NA	NA
AMD Sempron Dual Core 2300	982	2370	23.39	$41.99*
Intel Celeron N3060 @ 1.60GHz	982	2369	NA	NA
Intel 1400 @ 1.83GHz	980	2371	NA	NA
AMD Turion II Neo K625 Dual-Core	977	2372	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2373	NA	NA
Intel Celeron J3060 @ 1.60GHz	976	2375	NA	NA
Intel T1500 @ 1.86GHz	976	2374	NA	NA
AMD Athlon 64 X2 Dual Core TK-57	971	2377	NA	NA
AMD Opteron 1210 HE	971	2376	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	969	2378	NA	NA
Athlon Dual Core 4050e	968	2379	NA	NA
Intel Celeron N3010 @ 1.04GHz	967	2380	NA	NA
Intel Celeron @ 1.30GHz	965	2382	NA	NA
Intel Celeron N2830 @ 2.16GHz	965	2381	NA	NA
AMD Opteron 256	963	2383	50.72	$19.00*
AMD Opteron 265	963	2384	13.20	$73.00

AMD Athlon 64 X2 Dual Core 3600+	962	2385	16.03	$60.00
Intel Atom C2358 @ 1.74GHz	961	2388	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	961	2387	NA	NA
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2386	NA	NA
AMD E1 Micro-6200T APU	960	2389	NA	NA
Intel T2050 @ 2.00GHz	959	2390	NA	NA
AMD Athlon 64 X2 3800+	958	2391	NA	NA
AMD Athlon 64 X2 TK-55	955	2392	NA	NA
Intel Celeron 1019Y @ 1.00GHz	954	2393	NA	NA
AMD Sempron 2650 APU	951	2394	14.65	$64.95
AMD Turion 64 X2 Mobile TL-58	951	2395	NA	NA
Intel Pentium U5600 @ 1.33GHz	951	2396	NA	NA
Intel Pentium T2390 @ 1.86GHz	949	2397	NA	NA
AMD Sempron Dual Core 4700	948	2398	NA	NA
Intel Atom Z3735E @ 1.33GHz	948	2399	8.10	$117.00*
AMD Athlon 64 X2 QL-66	947	2400	NA	NA
Intel Core2 Duo P7500 @ 1.60GHz	945	2401	NA	NA
AMD GX-212JC SOC	943	2403	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core Duo T2600 @ 2.16GHz	943	2402	NA	NA
Intel Atom Z3735D @ 1.33GHz	937	2404	NA	NA
AMD Sempron Dual Core 2100	936	2405	24.02	$39.00*
Intel Celeron 847 @ 1.10GHz	935	2407	2.97	$315.00*
Intel Core2 Duo T5300 @ 1.73GHz	935	2406	NA	NA
Intel Celeron N2820 @ 2.13GHz	934	2409	4.15	$225.00
Intel Celeron T1600 @ 1.66GHz	934	2408	46.77	$19.99*
AMD Turion II Neo N40L Dual-Core	930	2410	NA	NA
Intel T1400 @ 1.73GHz	929	2411	NA	NA
Intel Core2 Duo SU9400 @ 1.40GHz	927	2412	NA	NA
AMD Athlon 64 X2 Dual-Core TK-57	924	2413	NA	NA
AMD Athlon 64 X2 QL-60	924	2414	NA	NA
AMD Opteron 1210	923	2415	14.21	$65.00
AMD Turion X2 Dual Core L510	923	2416	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	923	2417	NA	NA
AMD Athlon X2 Dual Core BE-2300	920	2418	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2419	14.32	$64.00*
Intel Atom Z3735F @ 1.33GHz	914	2420	5.04	$181.30*
Intel Core2 Duo T5450 @ 1.66GHz	914	2421	NA	NA
AMD Turion Dual-Core RM-70	912	2423	36.49	$25.00*
Intel Atom Z3736F @ 1.33GHz	912	2422	NA	NA
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2424	29.21	$31.23*

Intel Core2 Duo T5470 @ 1.60GHz	908	2425	NA	NA
Intel Celeron N2808 @ 1.58GHz	907	2426	NA	NA
Intel Atom Z3735G @ 1.33GHz	906	2427	NA	NA
AMD E1-6015 APU	900	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
AMD E1-2500 APU	896	2432	NA	NA
AMD Turion 64 X2 Mobile TL-56	891	2433	63.89	$13.95*
Intel Celeron N3050 @ 1.60GHz	879	2434	5.15	$170.85
AMD Athlon 64 X2 Dual-Core TK-42	877	2435	NA	NA
AMD E1-6010 APU	871	2436	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	870	2437	11.97	$72.74*
Intel Pentium E2140 @ 1.60GHz	869	2438	9.67	$89.95
Intel Core2 Duo U7300 @ 1.30GHz	868	2439	NA	NA
Intel Core Duo T2500 @ 2.00GHz	863	2440	7.20	$119.99*
Intel Celeron E1200 @ 1.60GHz	861	2441	8.61	$99.99
Intel Celeron N2807 @ 1.58GHz	861	2442	NA	NA
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-Core	856	2446	NA	NA
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 Atom E3827 @ 1.74GHz	849	2450	NA	NA
Intel Pentium T2370 @ 1.73GHz	849	2451	24.26	$35.00*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core2 Duo L7400 @ 1.50GHz	846	2452	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2454	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2453	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	841	2455	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2456	28.02	$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2457	14.53	$57.74*
AMD Athlon Neo X2 Dual Core L335	831	2459	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	831	2458	NA	NA
Intel Pentium T2330 @ 1.60GHz	830	2460	NA	NA
AMD E2-2000 APU	827	2461	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2462	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	823	2463	NA	NA
Intel Core Duo T2450 @ 2.00GHz	822	2464	NA	NA
AMD E2-1800 APU	814	2467	NA	NA

Intel Celeron B720 @ 1.70GHz	814	2466	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2465	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2469	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2468	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2470	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2471	NA	NA
Intel Celeron U3600 @ 1.20GHz	809	2472	NA	NA
AMD Sempron 145	806	2473	8.50	$94.92
Intel Atom Z3770D @ 1.49GHz	805	2474	NA	NA
Intel Celeron N2806 @ 1.60GHz	799	2475	NA	NA
AMD Athlon II Neo N36L Dual-Core	795	2476	NA	NA
AMD Athlon 64 FX-25	794	2477	NA	NA
AMD G-T56N	793	2479	NA	NA
Intel Core Duo T2400 @ 1.83GHz	793	2478	49.62	$16.00*
Intel Celeron N2810 @ 2.00GHz	788	2480	5.64	$139.99*
AMD Athlon X2 Dual Core 3250e	782	2481	NA	NA
AMD Athlon Neo X2 Dual Core L325	776	2482	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2483	29.84	$25.99*
Intel Celeron SU2300 @ 1.20GHz	771	2484	NA	NA
AMD E1-2200 APU	767	2485	NA	NA
AMD E-450 APU	765	2486	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2487	NA	NA
AMD Opteron 252	760	2490	12.00	$63.36*
AMD Turion 64 X2 Mobile TL-52	760	2489	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2488	NA	NA
AMD E-350 APU	759	2492	NA	NA
AMD Sempron 150	759	2491	16.91	$44.95*
AMD Sempron LE-1640	759	2493	NA	NA
Intel Core Duo T2250 @ 1.73GHz	755	2494	NA	NA
AMD G-T56E	751	2495	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2496	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2498	14.95	$49.99*
Intel Core Duo L2500 @ 1.83GHz	747	2497	NA	NA
AMD E-350	745	2499	NA	NA
AMD Sempron 140	742	2500	18.76	$39.59*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Pentium D 950 @ 3.40GHz	742	2501	NA	NA
AMD Athlon 64 FX-57	740	2502	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2503	NA	NA
Intel Core Duo T2300 @ 1.66GHz	726	2504	NA	NA
AMD E-350D APU	723	2505	NA	NA
AMD Athlon 64 FX-55	721	2507	4.01	$179.95*

Intel Celeron U3400 @ 1.07GHz	721	2506	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2508	NA	NA
Intel Core Duo L2300 @ 1.50GHz	719	2509	NA	NA
AMD Athlon 64 FX-59	715	2510	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2511	NA	NA
Intel Pentium D 940 @ 3.20GHz	710	2512	NA	NA
Intel Atom D525 @ 1.80GHz	706	2514	NA	NA
Intel Pentium T2080 @ 1.73GHz	706	2515	4.41	$159.95*
Intel Pentium T2130 @ 1.86GHz	706	2513	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2517	NA	NA
Intel Pentium 5 2.66GHz	705	2516	NA	NA
AMD Opteron 154	703	2518	NA	NA
AMD Sempron 130	700	2519	28.03	$24.99*
Intel Core2 Duo U7700 @ 1.33GHz	700	2520	NA	NA
Intel Celeron G440 @ 1.60GHz	694	2521	13.90	$49.99*
AMD Opteron 254	693	2522	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2523	NA	NA
Intel Celeron 925 @ 2.30GHz	689	2524	NA	NA
AMD E1-1500 APU	688	2525	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2526	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2527	NA	NA
Intel Xeon MV 3.20GHz	683	2528	NA	NA
Intel Atom D2550 @ 1.86GHz	681	2529	NA	NA
AMD Athlon LE-1660	677	2530	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2531	23.33	$28.99
AMD V160	673	2532	NA	NA
AMD Athlon 1640B	670	2533	13.42	$50.00*
Intel Core2 Duo U7600 @ 1.20GHz	668	2534	NA	NA
AMD G-T48E	667	2535	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2536	NA	NA
AMD Opteron 152	658	2537	NA	NA
Intel Atom D510 @ 1.66GHz	658	2539	6.78	$97.16*
Intel Atom K510 @ 1.66GHz	658	2538	NA	NA
AMD E1-1200 APU	654	2540	NA	NA
AMD Opteron 250	649	2541	59.01	$11.00*
AMD Athlon X2 Dual Core L310	647	2542	NA	NA
AMD Athlon 64 FX-53	646	2543	21.57	$29.99*
VIA Nano L3600@2000MHz	645	2544	NA	NA
Intel Core 330 @ 1.60GHz	643	2545	NA	NA
Intel Pentium D 830 @ 3.00GHz	642	2546	NA	NA
AMD E1-2100 APU	641	2548	NA	NA

AMD V140	641	2547	12.84	$49.95*
AMD Sempron LE-1620	635	2549	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-1200 APU	632	2550	NA	NA
AMD Opteron 246	632	2551	31.62	$19.99*
AMD Athlon LE-1640	629	2552	NA	NA
AMD Athlon II 170u	627	2553	34.86	$17.99
Intel Celeron 450 @ 2.20GHz	626	2554	20.90	$29.99*
Intel Atom N2800 @ 1.86GHz	625	2555	NA	NA
AMD V120	623	2556	NA	NA
AMD A4-1250 APU	622	2557	NA	NA
AMD Turion 64 Mobile ML-42	615	2558	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2559	NA	NA
AMD E-300 APU	609	2560	NA	NA
AMD Athlon 64 4000+	608	2561	3.32	$183.27*
VIA Nano X2 U4025 @ 1.2 GHz	605	2562	NA	NA
AMD Opteron 150	604	2563	NA	NA
Intel Xeon 3.80GHz	604	2564	0.71	$851.00*
AMD Opteron 148	603	2565	NA	NA
AMD Athlon 64 3600+	601	2566	NA	NA
AMD Athlon 64 3700+	598	2567	8.67	$69.00*
AMD Sempron LE-1300	598	2568	23.92	$25.00
AMD Turion 64 Mobile ML-44	591	2569	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	590	2570	NA	NA
AMD Athlon 64 3800+	589	2571	5.36	$109.95
Intel Core2 Duo Q6867 @ 3.00GHz	589	2572	NA	NA
Intel Atom 330 @ 1.60GHz	586	2573	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2574	NA	NA
Intel Pentium D 915 @ 2.80GHz	584	2575	NA	NA
AMD Sempron M120	582	2576	NA	NA
VIA Nano L3050@1800MHz	581	2577	NA	NA
Intel Atom E3825 @ 1.33GHz	579	2578	8.24	$70.32*
AMD Athlon LE-1620	578	2579	32.12	$18.00*
AMD Athlon 64 3300+	576	2581	NA	NA
Mobile AMD Athlon 64 4000+	576	2580	NA	NA
AMD Athlon 64 2200+	575	2582	NA	NA
Intel Atom N570 @ 1.66GHz	575	2583	6.69	$86.00*
Mobile AMD Athlon XP	572	2584	45.45	$12.59
AMD Athlon XP 3400+	570	2586	NA	NA
Intel Atom Z2760 @ 1.80GHz	570	2585	NA	NA
AMD Sempron M100	566	2587	47.17	$12.00*
AMD Athlon II 160u	563	2588	18.78	$29.99*

AMD C-70 APU	558	2589	NA	NA
AMD Athlon LE-1600	557	2590	26.57	$21.00*
AMD Sempron 3800+	554	2591	3.62	$152.92*
AMD Athlon 64 3400+	545	2592	NA	NA
AMD C-60 APU	544	2593	NA	NA
Intel Celeron 440 @ 2.00GHz	544	2594	18.15	$29.99
Intel Core Duo U2400 @ 1.06GHz	544	2595	NA	NA
AMD Sempron LE-1250	543	2596	5.44	$99.95*
Intel Celeron M 540 @ 1.86GHz	542	2597	NA	NA
AMD Athlon 64 3500+	541	2598	4.97	$108.95
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
AMD Athlon XP-M	541	2599	15.48	$34.95*
AMD Turion 64 Mobile MT-40	536	2600	NA	NA
AMD Sempron LE-1600	535	2601	NA	NA
AMD Opteron 146	532	2602	8.87	$59.99*
Intel Celeron 560 @ 2.13GHz	531	2603	6.65	$79.95
AMD Sempron LE-1200	529	2605	NA	NA
Intel Pentium D 805 @ 2.66GHz	529	2604	NA	NA
Intel Atom N2600 @ 1.60GHz	527	2606	NA	NA
AMD Athlon II Neo K145	525	2607	NA	NA
Intel 2.80GHz	525	2608	NA	NA
AMD Z-01	523	2609	NA	NA
Intel Atom N550 @ 1.50GHz	523	2610	6.09	$86.00*
AMD Turion 64 Mobile ML-40	522	2611	NA	NA
Intel Celeron 540 @ 1.86GHz	521	2612	NA	NA
Intel Celeron 550 @ 2.00GHz	519	2613	7.99	$64.95*
Intel Celeron 570 @ 2.26GHz	517	2614	NA	NA
VIA Nano L3025@1600MHz	517	2615	NA	NA
AMD G-T40N	516	2616	NA	NA
AMD Turion 64 Mobile MK-38	513	2617	NA	NA
Mobile AMD Athlon XP-M	512	2618	NA	NA
Mobile AMD Athlon 64 3400+	511	2619	NA	NA
Intel Pentium M 2.26GHz	509	2621	NA	NA
Intel Xeon 3.60GHz	509	2620	0.60	$851.00*
Mobile AMD Athlon XP-M (LV)	508	2622	NA	NA
Intel Core Duo U2500 @ 1.20GHz	507	2623	NA	NA
AMD Athlon 2850e	506	2624	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2625	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2626	NA	NA
AMD Z-60 APU	500	2627	NA	NA
Intel Pentium M 2.13GHz	499	2629	NA	NA

VIA Eden X2 U4200 @ 1.0+ GHz	499	2628	NA	NA
AMD Athlon MP 2800+	497	2630	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2631	NA	NA
AMD Athlon 64 3200+	494	2632	3.30	$149.95*
Intel Xeon 3.06GHz	491	2633	NA	NA
AMD Sempron LE-250	490	2634	NA	NA
Intel Atom E3826 @ 1.46GHz	489	2635	NA	NA
Intel Celeron 430 @ 1.80GHz	487	2636	10.33	$47.18
Mobile AMD Athlon XP-M 3200+	487	2637	NA	NA
AMD Opteron 144	486	2639	7.48	$65.00*
Intel Pentium 4 3.73GHz	486	2638	NA	NA
AMD Athlon 3100+	485	2643	NA	NA
Intel Pentium 4 3.60GHz	485	2641	NA	NA
Intel Pentium 4 3.80GHz	485	2640	NA	NA
Mobile AMD Sempron 3800+	485	2642	NA	NA
AMD Sempron 3300+	484	2645	4.39	$110.27*
AMD Turion 64 Mobile MT-37	484	2644	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2646	NA	NA
AMD Sempron 3600+	483	2647	40.30	$12.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron D 420 @ 1.60GHz	481	2648	NA	NA
Intel Xeon 3.40GHz	478	2649	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2650	NA	NA
AMD Athlon II Neo K125	477	2651	NA	NA
AMD Opteron 248	476	2652	4.77	$99.95
Mobile AMD Athlon XP-M (LV) 2800+	475	2653	NA	NA
Intel Celeron 530 @ 1.73GHz	474	2654	20.62	$22.99*
AMD Athlon QI-46	473	2655	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2656	NA	NA
Intel Celeron M 530 @ 1.73GHz	469	2657	NA	NA
AMD G-T40E	467	2658	NA	NA
AMD C-60	466	2660	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	466	2659	NA	NA
AMD Turion 64 Mobile MK-36	465	2661	NA	NA
AMD Athlon 64 3000+	464	2663	4.26	$108.95
AMD Athlon XP 2300+	464	2662	NA	NA
AMD Athlon 2400+	462	2664	NA	NA
AMD C-50	462	2665	NA	NA
Intel Pentium M 2.00GHz	461	2666	NA	NA
Intel Xeon 3.20GHz	461	2667	NA	NA
Intel Celeron N2805 @ 1.46GHz	460	2668	NA	NA
AMD Athlon 3200+	458	2669	7.63	$60.00*

Intel Celeron M 723 @ 1.20GHz	457	2671	NA	NA
VIA Nano L1900@1400MHz	457	2670	NA	NA
AMD Sempron SI-42	455	2672	15.19	$30.01*
AMD Sempron 3400+	454	2673	3.11	$146.42*
Intel Pentium 4 3.46GHz	454	2674	NA	NA
AMD Sempron 3100+	452	2675	7.53	$60.00*
Intel Celeron 420 @ 1.60GHz	451	2676	11.28	$39.99*
Intel Celeron M 450 @ 2.00GHz	450	2678	NA	NA
Mobile AMD Athlon 64 3000+	450	2677	NA	NA
Intel Pentium M 2.10GHz	448	2679	NA	NA
Mobile AMD Athlon 64 3200+	448	2680	NA	NA
AMD Athlon 2800+	447	2681	3.20	$139.95*
AMD Sempron SI-40	447	2682	37.27	$12.00*
AMD Turion 64 Mobile ML-37	446	2683	2.27	$196.50*
Mobile AMD Sempron 3300+	446	2684	NA	NA
AMD Athlon 2600+	444	2685	4.23	$104.95*
Mobile AMD Sempron 3400+	441	2686	NA	NA
Mobile AMD Athlon 64 2800+	440	2687	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2688	NA	NA
AMD Sempron LE-1150	439	2690	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2689	NA	NA
AMD Athlon 64 2800+	438	2692	4.38	$99.99*
Intel Pentium M 1.86GHz	438	2691	NA	NA
AMD Athlon 64 FX-51	437	2694	NA	NA
AMD Sempron LE-1100	437	2693	NA	NA
AMD Athlon MP 2400+	436	2695	NA	NA
Intel T1200 @ 1.50GHz	435	2697	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Xeon 2.66GHz	435	2696	NA	NA
Mobile AMD Athlon 64 3700+	435	2698	NA	NA
AMD Athlon XP 3100+	433	2699	NA	NA
AMD Athlon XP 3200+	432	2700	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2701	NA	NA
AMD Turion 64 Mobile MT-34	429	2703	NA	NA
Mobile AMD Sempron 3600+	429	2702	NA	NA
AMD Opteron 142	428	2705	NA	NA
VIA Nano L2100@1800MHz	428	2704	NA	NA
AMD Turion 64 Mobile MT-32	426	2706	NA	NA
AMD Turion 64 Mobile ML-34	425	2707	NA	NA
AMD Athlon XP 2900+	424	2708	NA	NA
Intel Celeron 743 @ 1.30GHz	421	2709	NA	NA
AMD Turion 64 Mobile MT-28	419	2710	NA	NA

Mobile AMD Sempron 3100+	416	2711	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2713	NA	NA
VIA Nano U2250 (1.6GHz Capable)	415	2712	NA	NA
AMD Athlon TF-20	413	2714	NA	NA
AMD Athlon 2100+	412	2715	NA	NA
Intel Pentium M 1.73GHz	412	2716	NA	NA
Intel Pentium M 1.80GHz	411	2717	NA	NA
AMD Athlon Neo MV-40	410	2718	NA	NA
VIA Nano U3300@1200MHz	409	2719	NA	NA
AMD Sempron 3000+	408	2722	20.41	$20.00
Intel Atom D2500 @ 1.86GHz	408	2720	NA	NA
Mobile AMD Sempron 3500+	408	2721	NA	NA
AMD Athlon 2650e	407	2723	21.46	$19.00*
AMD Sempron 3200+	406	2725	3.33	$122.25*
Intel Pentium M 1.70GHz	406	2724	NA	NA
Intel Pentium SU2700 @ 1.30GHz	405	2726	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2727	4.50	$89.95*
AMD K7	403	2728	NA	NA
AMD-K7	403	2729	NA	NA
AMD Athlon XP 3000+	402	2731	5.06	$79.70*
AMD Turion 64 Mobile ML-30	402	2732	NA	NA
AMD Turion 64 Mobile ML-32	402	2730	NA	NA
AMD Athlon XP2200+	401	2733	NA	NA
AMD GX-210JA SOC	401	2734	NA	NA
AMD Athlon XP 2800+	400	2735	NA	NA
Intel Xeon 2.80GHz	400	2736	NA	NA
Mobile AMD Athlon 64 2700+	398	2737	NA	NA
AMD Opteron 140	396	2739	0.62	$640.00
Intel Core Solo T1350 @ 1.86GHz	396	2738	NA	NA
AMD Athlon TF-36	395	2741	NA	NA
Intel Pentium 4 3.40GHz	395	2740	NA	NA
Mobile AMD Sempron 2600+	394	2743	NA	NA
VIA Esther 2000MHz	394	2742	NA	NA
AMD Athlon XP 2700+	393	2744	4.64	$84.79*
Intel Celeron M 1.70GHz	393	2746	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Core Solo T1300 @ 1.66GHz	393	2745	NA	NA
AMD Sempron 2100+	392	2748	NA	NA
Intel Celeron M 440 @ 1.86GHz	392	2747	NA	NA
AMD Sempron 210U	391	2750	NA	NA
Intel Xeon 3.00GHz	391	2749	NA	NA

AMD Athlon 2000+	390	2753	NA	NA
AMD Turion 64 Mobile ML-28	390	2752	NA	NA
Intel Celeron 723 @ 1.20GHz	390	2751	NA	NA
Mobile AMD Sempron 3000+	389	2754	NA	NA
AMD Sempron 2800+	383	2755	9.60	$39.95
Intel Atom Z550 @ 2.00GHz	381	2756	NA	NA
AMD Athlon 64 FX-34	380	2757	NA	NA
AMD Sempron 3500+	379	2758	18.98	$20.00*
AMD Turion 64 Mobile MT-30	378	2759	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2760	NA	NA
Intel Pentium M 1700MHz	376	2761	NA	NA
AMD Athlon 2500+	374	2762	4.41	$84.99
AMD Athlon 64 2600+	374	2764	NA	NA
AMD Athlon XP2400+	374	2763	NA	NA
AMD Sempron 2600+	374	2765	14.97	$24.99
Intel Pentium 4 3.20GHz	373	2766	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2767	NA	NA
AMD Athlon XP 2600+	372	2768	16.18	$23.03*
Mobile AMD Athlon 2500+	370	2770	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2769	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2772	NA	NA
VIA Nano L2007@1600MHz	369	2771	NA	NA
Intel Celeron M 430 @ 1.73GHz	368	2774	NA	NA
VIA C7-D 2000MHz	368	2773	NA	NA
AMD Athlon XP Pro3+	367	2775	NA	NA
Intel Pentium M 1.50GHz	366	2776	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2778	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2777	NA	NA
Intel Pentium M 1.60GHz	364	2781	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2779	NA	NA
Mobile AMD Sempron 2800+	364	2780	NA	NA
AMD Athlon 2200+	363	2782	4.55	$79.99*
Intel Celeron M 1.60GHz	362	2783	NA	NA
AMD Athlon XP 2400+	360	2784	4.01	$89.99*
Intel Core2 Solo U2100 @ 1.06GHz	359	2785	NA	NA
Mobile AMD Athlon 4 2400+	358	2786	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2787	NA	NA
AMD Athlon XP 2500+	355	2788	NA	NA
Intel Pentium M 1500MHz	354	2789	NA	NA
Mobile AMD Sempron 3200+	354	2790	NA	NA
AMD Athlon XP1900+	353	2791	NA	NA
Intel Pentium 4 3.00GHz	353	2792	NA	NA

VIA Eden C1050@1.06GHz	352	2793	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2794	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Atom E680 @ 1.60GHz	346	2797	NA	NA
Intel Pentium 4 3.06GHz	346	2796	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2798	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2795	NA	NA
Intel Atom D425 @ 1.80GHz	345	2800	0.35	$992.98*
Intel Pentium M 1.40GHz	345	2799	NA	NA
AMD Athlon XP 1700	344	2801	NA	NA
Intel Celeron M 1.50GHz	344	2802	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2803	NA	NA
AMD Athlon MP 1700+	339	2804	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2806	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2805	NA	NA
Intel Pentium M 1600MHz	335	2808	NA	NA
Mobile AMD Athlon XP-M (LV) 2000+	335	2807	NA	NA
AMD Sempron 2500+	334	2809	4.78	$69.95
Intel Celeron M 420 @ 1.60GHz	334	2810	NA	NA
Intel Celeron 3.33GHz	333	2811	NA	NA
Intel Celeron M 1500MHz	333	2812	NA	NA
Intel Atom N470 @ 1.83GHz	332	2813	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2814	1.58	$209.99
Intel Core Solo U1500 @ 1.33GHz	330	2815	NA	NA
AMD Athlon XP 2200+	328	2817	3.87	$84.95*
Intel Celeron M 360 1.40GHz	328	2816	NA	NA
AMD Athlon XP 2100+	323	2818	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2819	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2820	NA	NA
Intel Pentium 4 2.80GHz	322	2821	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2822	NA	NA
Intel Pentium M 1400MHz	320	2823	NA	NA
AMD E-240	318	2824	NA	NA
AMD Sempron 2300+	318	2825	7.07	$45.00*
Intel Celeron M 1.30GHz	316	2826	NA	NA
Intel Celeron D 356 @ 3.33GHz	315	2827	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2828	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2829	NA	NA
AMD Sempron 2400+	314	2832	13.69	$22.99*
Intel Atom N475 @ 1.83GHz	314	2830	NA	NA
Mobile AMD Athlon 4	314	2831	3.62	$86.99*
Mobile Intel Pentium 4 - M 2.60GHz	313	2833	NA	NA

AMD Athlon XP 1900+	312	2834	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2835	NA	NA
AMD C-30	310	2836	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2837	NA	NA
AMD G-T52R	308	2838	NA	NA
Intel Atom 230 @ 1.60GHz	307	2839	NA	NA
VIA Nano U2500@1200MHz	306	2840	NA	NA
AMD Athlon L110	303	2843	NA	NA
Intel Celeron M 1300MHz	303	2842	NA	NA
Intel Pentium M 1300MHz	303	2841	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Atom N2100 @ 1.60GHz	302	2844	NA	NA
Intel Celeron 1400MHz	302	2845	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2846	NA	NA
Intel Atom D410 @ 1.66GHz	301	2848	0.47	$635.99*
Intel Pentium M 1.30GHz	301	2847	NA	NA
AMD Athlon XP 1800+	300	2850	5.10	$58.95*
AMD Athlon XP 2000+	300	2851	12.01	$24.99*
Mobile AMD Athlon XP-M 2000+	300	2849	NA	NA
AMD V105	299	2852	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2853	NA	NA
Intel Pentium M 1.20GHz	298	2854	NA	NA
Intel Atom N450 @ 1.66GHz	297	2857	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2856	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2855	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2859	NA	NA
VIA Nano L2207@1600MHz	296	2858	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2860	NA	NA
AMD Athlon 1500+	294	2862	NA	NA
Mobile Intel Celeron 1200MHz	294	2861	NA	NA
Intel Pentium 4 2.93GHz	293	2863	NA	NA
AMD Geode NX 1750	291	2864	NA	NA
Intel Celeron 1333MHz	290	2865	NA	NA
Intel Celeron 3.20GHz	289	2868	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2866	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2867	NA	NA
686 Gen	288	2870	NA	NA
AMD Athlon 7850 Dual-Core 2.8G	288	2873	NA	NA
Intel Celeron 1300MHz	288	2871	NA	NA
Intel Pentium 4 2.60GHz	288	2872	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2869	NA	NA

AMD Athlon XP2100+	287	2875	NA	NA
VIA C7-D 1500MHz	287	2874	NA	NA
Intel Atom N455 @ 1.66GHz	284	2878	NA	NA
Intel Celeron 3.06GHz	284	2877	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2876	NA	NA
VIA C7 1500MHz	284	2879	NA	NA
Intel Celeron 2.93GHz	283	2880	NA	NA
AMD Athlon XP 1500	282	2885	NA	NA
AMD Sempron 2200+	282	2883	9.42	$29.99*
Intel Atom N280 @ 1.66GHz	282	2884	NA	NA
Intel Celeron 1133MHz	282	2881	NA	NA
Intel Pentium M 1.10GHz	282	2882	NA	NA
AMD Athlon XP1600+	281	2886	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2888	NA	NA
Mobile Intel Celeron 2.50GHz	281	2887	NA	NA
Mobile Intel Celeron 1333MHz	280	2889	NA	NA
AMD Athlon 4	279	2890	5.09	$54.99
Mobile Intel Pentium 4 2.66GHz	279	2891	NA	NA
Intel Core Solo U1400 @ 1.20GHz	278	2893	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Pentium III 1200 @ 1200MHz	278	2892	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2894	6.38	$43.56*
Intel Xeon 2.40GHz	276	2895	30.35	$9.10*
Intel Celeron M 1200MHz	275	2896	NA	NA
VIA Nano U2250@1300+MHz	274	2897	NA	NA
VIA Nano U3500@1000MHz	272	2898	NA	NA
AMD Athlon XP 1700+	271	2901	4.43	$61.25*
Intel Atom E660 @ 1.30GHz	271	2899	5.03	$54.00*
Intel Celeron D 347 @ 3.06GHz	271	2900	NA	NA
Intel Core Solo U1300 @ 1.06GHz	270	2902	NA	NA
Intel Atom N270 @ 1.60GHz	269	2903	NA	NA
AMD Athlon XP 1600+	267	2905	NA	NA
AMD Sempron 200U	267	2904	3.08	$87.00*
Mobile AMD Athlon 1400+	266	2906	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2907	NA	NA
AMD Geode NX	264	2908	NA	NA
Mobile Intel Pentium 4 2.40GHz	264	2909	NA	NA
Intel Atom N435 @ 1.33GHz	261	2911	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2910	NA	NA
Mobile AMD Athlon XP-M 1600+	260	2912	NA	NA
Intel Celeron 1066MHz	259	2913	NA	NA
Intel Pentium M 1100MHz	259	2914	NA	NA

AMD Athlon XP 1500+	257	2915	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2916	NA	NA
Intel Celeron 2.80GHz	255	2917	NA	NA
Intel Pentium 4 2.66GHz	254	2918	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2919	NA	NA
Intel XEON 2.20GHz	252	2920	NA	NA
Mobile AMD Sempron 2100+	252	2921	NA	NA
Intel Pentium III Mobile 1133MHz	251	2922	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2924	NA	NA
VIA Esther 1300MHz	250	2923	NA	NA
Intel Celeron 2.66GHz	249	2925	NA	NA
Intel Pentium 4 2.53GHz	248	2926	NA	NA
Intel Celeron 2.50GHz	247	2927	NA	NA
Intel Pentium III Mobile 1066MHz	246	2928	NA	NA
Intel Celeron 2.53GHz	245	2931	NA	NA
Intel Celeron 2.70GHz	245	2932	NA	NA
Intel Pentium 4 2.50GHz	245	2930	NA	NA
Intel Pentium III Mobile 1000MHz	245	2929	NA	NA
Intel Celeron 1200MHz	244	2934	NA	NA
Intel Celeron 2.10GHz	244	2933	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2935	NA	NA
Intel Pentium III Mobile 1200MHz	240	2936	NA	NA
Intel Celeron 2.60GHz	238	2937	NA	NA
Intel Pentium III 933S @ 933MHz	238	2938	NA	NA
Intel Pentium M 1200MHz	237	2939	NA	NA
Mobile Intel Celeron 2.40GHz	236	2940	NA	NA
Intel Pentium M 1000MHz	233	2942	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Xeon 2.00GHz	233	2941	NA	NA
Mobile Intel Pentium 4 - M 1.90GHz	232	2943	NA	NA
AMD Athlon MP	230	2944	18.46	$12.49*
AMD G-T44R	229	2945	NA	NA
Intel Celeron 2.30GHz	227	2947	NA	NA
Intel Pentium 4 2.40GHz	227	2946	NA	NA
Mobile Intel Celeron 2.20GHz	226	2948	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2949	NA	NA
Intel Celeron 2.26GHz	223	2950	NA	NA
VIA C7-M 6300MHz	222	2951	NA	NA
Intel Pentium 4 2.26GHz	221	2952	NA	NA
Intel Atom Z515 @ 1.20GHz	218	2955	NA	NA
Intel Atom Z520 @ 1.33GHz	218	2954	NA	NA
Intel Pentium III Mobile 933MHz	218	2953	7.55	$28.99*

Intel Celeron 2.40GHz	217	2956	NA	NA
Intel Pentium M 900MHz	217	2957	NA	NA
Intel Celeron 1000MHz	213	2959	NA	NA
Intel Celeron 2.20GHz	213	2961	NA	NA
Intel Celeron M 1.00GHz	213	2960	8.90	$23.99
Mobile Intel Pentium 4 - M 2.40GHz	213	2958	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2962	NA	NA
Intel Pentium 4 2.20GHz	209	2964	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2963	NA	NA
Intel Celeron 2.13GHz	208	2966	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2965	NA	NA
Intel Celeron M 900MHz	205	2967	NA	NA
Mobile Intel Celeron 2.00GHz	204	2968	NA	NA
AMD G-T40R	203	2970	NA	NA
VIA C7-D 1800MHz	203	2969	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2971	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2972	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2973	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2974	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2975	NA	NA
Intel Pentium 4 3.83GHz	195	2976	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2977	NA	NA
VIA Esther 1500MHz	195	2978	NA	NA
Intel Atom Z510 @ 1.10GHz	194	2979	4.33	$45.00*
Intel Pentium 4 1600MHz	193	2981	0.30	$647.45*
Intel Xeon 1500MHz	193	2980	NA	NA
Intel Pentium 4 2.00GHz	189	2982	NA	NA
Mobile Intel Celeron 1.50GHz	188	2983	NA	NA
Mobile Intel Celeron 1.60GHz	188	2984	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2985	NA	NA
Mobile Intel Celeron 1.80GHz	186	2986	NA	NA
Intel Celeron M ULV 800MHz	184	2989	NA	NA
Intel Pentium 4 4.00GHz	184	2987	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2988	NA	NA
Intel Celeron 2.00GHz	182	2991	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
Intel Pentium III Mobile 800MHz	182	2990	NA	NA
Mobile Intel Celeron 1.70GHz	181	2992	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2993	NA	NA
VIA C7-M 1600MHz	178	2994	NA	NA
AMD Athlon 64 2000+	177	2995	NA	NA

Intel Pentium 4 Mobile 1.80GHz	175	2997	NA	NA
Mobile Intel Pentium 4 - M 1.80GHz	175	2996	NA	NA
Intel Celeron 1100MHz	174	2998	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2999	1.06	$164.00
Mobile Intel Celeron 1.20GHz	170	3000	NA	NA
Intel Pentium 4 1.40GHz	164	3001	NA	NA
VIA C7-M 1000MHz	164	3002	NA	NA
Intel Pentium 4 1800MHz	162	3003	NA	NA
Intel Pentium 4 1.80GHz	161	3004	NA	NA
Intel Pentium 4 1.90GHz	159	3005	NA	NA
VIA Eden 800MHz	155	3006	NA	NA
VIA Nehemiah	155	3007	NA	NA
Intel Pentium 4 1700MHz	154	3008	NA	NA
Intel Pentium III Mobile 866MHz	152	3009	NA	NA
Intel Celeron M 600MHz	151	3010	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	3011	NA	NA
Intel Celeron 600MHz	147	3012	NA	NA
VIA Esther 1000MHz	146	3013	NA	NA
VIA Eden 1200MHz	142	3014	NA	NA
VIA C7-M 1200MHz	140	3015	NA	NA
Intel Celeron 1.80GHz	136	3016	NA	NA
Intel Pentium 4 1.70GHz	132	3017	NA	NA
Intel Pentium 4 1.50GHz	131	3018	NA	NA
Intel Celeron 1.70GHz	129	3020	NA	NA
Intel Pentium 4 1.60GHz	129	3019	NA	NA
Intel Pentium 4 1400MHz	127	3021	NA	NA
Intel Pentium 4 1500MHz	125	3022	NA	NA
VIA Eden 1000MHz	123	3023	NA	NA
Intel Pentium 4 1300MHz	119	3024	NA	NA
AMD-K6-III	108	3025	NA	NA
Intel Pentium III Mobile 750MHz	103	3026	NA	NA
VIA C3 Ezra	100	3027	NA	NA
AMD-K6 3D	90	3028	NA	NA
VIA Samuel 2	79	3029	NA	NA

** - Last price seen from our affiliates.*

Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	352	3.61	$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	166	100.33	$176.00*
[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	13.60	$952.52
[Dual CPU] AMD EPYC 7261	12430	232	6.15	$2,019.96
[Dual CPU] AMD EPYC 7281	15152	194	10.53	$1,438.92
[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	13.04	$2,219.98
[Dual CPU] AMD EPYC 7501	28991	53	4.44	$6,529.16*
[Dual CPU] AMD EPYC 7542	46721	3	5.80	$8,048.54
[Dual CPU] AMD EPYC 7551	31452	41	2.35	$13,392.00
[Dual CPU] AMD EPYC 7601	33545	33	4.64	$7,223.20
[Dual CPU] AMD EPYC 7742	55574	1	3.69	$15,045.98
[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	1.83	$1,214.94*
[Dual CPU] AMD Opteron 275	2133	489	13.00	$164.10*
[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 HE	3470	453	7.36	$471.66*
[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 HE	4799	431	36.92	$130.00
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 HE	6209	390	NA	NA
[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 HE	6344	385	53.76	$118.00*
[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 HE	7986	338	NA	NA
[Dual CPU] AMD Opteron 4234	8953	311	19.46	$459.98*
[Dual CPU] AMD Opteron 4274 HE	6797	374	84.98	$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	294	NA	NA
[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	320	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	238	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 @ 1.86GHz	2315	483	0.71	$3,239.98
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2617	474	26.71	$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	12.18	$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3818	450	38.19	$99.98*

CPU Name	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	20.14	$443.82
[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	43.14	$297.98
[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	58.77	$279.02

[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11807	248	147.59	$80.00
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	13442	218	67.90	$197.98
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	153	29.86	$621.98
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6324	387	66.08	$95.70*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	379	54.34	$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	26.16	$345.58
[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	12200	237	345.61	$35.30
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13180	225	58.60	$224.90*
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15272	191	190.95	$79.98
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16439	177	20.10	$818.00
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14339	203	59.25	$242.00
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12506	231	11.39	$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	200	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13423	220	168.04	$79.88*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15931	184	236.86	$67.26
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18447	159	92.24	$200.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18745	152	15.42	$1,216.00
[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	183.16	$79.98
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	182.96	$79.54*
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19518	143	112.95	$172.80
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20118	134	10.13	$1,985.98
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13659	212	3.28	$4,166.00*
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20735	128	86.40	$239.98
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	20895	122	41.79	$500.00*
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21533	115	5.97	$3,603.92*
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12399	235	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	15020	195	128.84	$116.58
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18799	151	50.76	$370.36
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20056	135	100.29	$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	121	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	18450	158	51.25	$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	16411	179	71.98	$228.00
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17911	163	64.43	$278.00
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22413	106	39.18	$572.00
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23105	96	8.09	$2,856.58
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	95	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	16943	171	82.75	$204.74
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	80	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16393	181	130.73	$125.40
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22727	99	59.81	$379.98
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22630	101	34.29	$659.98
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	22525	103	4.58	$4,919.90
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18147	160	33.12	$547.98
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20642	130	42.47	$486.00
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22487	104	72.54	$309.98
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	93	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	21751	113	15.54	$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	18542	156	117.35	$158.00
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21555	114	61.96	$347.86
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24190	87	63.66	$379.98
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22761	98	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	119	25.91	$817.98
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24666	83	5.58	$4,417.86*
CPU Name	**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	110	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	20768	127	18.22	$1,139.90
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23325	94	34.81	$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	26628	69	6.12	$4,349.98*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	18524	157	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	125.97	$155.70
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23510	92	54.44	$431.86*
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25726	76	57.17	$450.00
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27442	65	6.32	$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	97	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	28325	61	19.16	$1,478.00
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	44	4.78	$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	38	4.44	$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	88	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26542	70	10.98	$2,417.98*
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	30	2.87	$11,859.80
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	129	NA	NA
[Dual CPU] Intel Xeon E5-4610 v2 @ 2.30GHz	10937	265	4.49	$2,438.00*
[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz	15383	189	85.56	$179.80*
[Dual CPU] Intel Xeon E5-4620 v3 @ 2.00GHz	16684	175	5.00	$3,336.00*
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	144	19.15	$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	186	2.91	$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	148	35.31	$544.08*
[Dual CPU] Intel Xeon E5-4640 v3 @ 1.90GHz	20468	131	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	142	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18565	154	132.63	$139.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	196	1.94	$7,676.00*
[Dual CPU] Intel Xeon E5-4650 v4 @ 2.20GHz	21855	112	2.85	$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	13742	210	92.88	$147.96*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	105	2.34	$9,600.00*

[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	64	2.54	$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	240	44.98	$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	188	NA	NA
[Dual CPU] Intel Xeon E7-4830 @ 2.13GHz	9539	300	147.66	$64.60*
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	107	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	40.38	$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10965	264	27.41	$399.98*
[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz	10207	284	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	6007	397	14.37	$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6330	386	50.28	$125.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6823	373	22.02	$309.90*
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7116	365	35.94	$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 @ 3.00GHz	7774	345	129.39	$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2511	478	13.22	$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2805	469	4.89	$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4854	430	34.70	$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4992	425	39.61	$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5414	412	5.92	$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7285	361	75.09	$97.02*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7565	355	290.96	$26.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7694	350	65.20	$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	445	16.04	$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	409	38.66	$142.40
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5916	399	42.74	$138.42*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	7974	339	67.59	$117.98*
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8329	329	118.99	$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8624	322	63.79	$135.20*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10216	283	62.82	$162.62*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10250	280	49.25	$208.14*

[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	411	87.81	$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	414	29.87	$179.98*
[Dual CPU] Intel Xeon E7540 @ 2.00GHz	6738	377	210.96	$31.94*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	111	9.92	$2,218.00*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	21437	116	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	118	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22300	108	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	102	9.23	$2,442.00*
[Dual CPU] Intel Xeon Gold 5217 @ 3.00GHz	22282	109	7.32	$3,044.00*
[Dual CPU] Intel Xeon Gold 5218 @ 2.30GHz	17384	169	6.61	$2,630.84
[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	18851	150	7.09	$2,657.06
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28610	59	7.57	$3,779.94*
[Dual CPU] Intel Xeon Gold 6126T @ 2.60GHz	20391	132	5.47	$3,730.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22725	100	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	63	6.26	$4,399.80*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	24666	82	5.39	$4,573.98
[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	34320	29	6.40	$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 @ 2.80GHz	29907	48	NA	NA
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28802	56	4.50	$6,393.36
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	29655	50	3.22	$9,217.90*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36731	22	5.71	$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	5.12	$7,262.88
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	25519	78	5.00	$5,104.72*
[Dual CPU] Intel Xeon Gold 6240 @ 2.60GHz	36644	23	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	6.19	$6,256.78
[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz	37405	17	4.18	$8,954.10*

[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	40931	10	5.64	$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	9607	296	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 8180 @ 2.50GHz	37312	18	1.86	$20,030.00*
[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	20.63	$817.16
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13327	222	12.69	$1,049.98
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19362	147	14.55	$1,331.00
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	117	10.27	$2,086.94
[Dual CPU] Intel Xeon Silver 4208 @ 2.10GHz	17904	164	9.85	$1,817.90
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	137	19.96	$1,002.00*

[Dual CPU] Intel Xeon Silver 4210 @ 2.20GHz	20974	120	16.92	$1,239.90
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz	24097	89	14.58	$1,652.96
[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	61.71	$165.98*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	278	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	432	44.05	$108.00*
[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	7436	358	62.01	$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	8160	333	40.80	$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8672	319	3.12	$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8750	316	14.35	$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	11229	257	56.17	$199.90
[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	12074	241	181.40	$66.56
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10321	277	114.70	$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12415	234	135.30	$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	13344	221	96.29	$138.58
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11731	249	97.76	$120.00*
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13612	215	68.07	$199.98
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	325	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	378	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	13.22	$678.48*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	290	18.07	$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11230	256	255.23	$44.00*
[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	230	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	202	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	81	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	155	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	216	105.31	$129.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	182	NA	NA
CPU Name	**Passmark CPU Mark (higher is better)**	**Rank (lower is better)**	**CPU Value (higher is better)**	**Price (USD)**
[Quad CPU] Intel Xeon E7-4890 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	91.25	$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17398	168	131.84	$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	15708	187	20.78	$756.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	229	15.87	$799.96*
[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	285	28.32	$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	297	9.99	$958.52*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	306	14.31	$631.80*
[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	11	2.68	$15,199.96
[Quad CPU] Intel Xeon Gold 6248 @ 2.50GHz	41863	8	3.35	$12,513.56
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	293	NA	NA
[Quad CPU] Intel Xeon L7555 @ 1.87GHz	10406	275	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	4	1.10	$40,060.00*
[Quad CPU] Intel Xeon Platinum 8180M @ 2.50GHz	48904	2	NA	NA
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	299	66.28	$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	243	4.24	$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	321	6.36	$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	251	10.45	$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	12824	228	145.73	$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	363	27.58	$260.00

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